Video Machine - Technotes

	62 Vivanco VCR 5050 Panasonic EditControl ->Sony LanC convertor
	61 Clean re-installation instructions for VM-Studio
	60 VM Plus! Dongle Issues
	59 How to Multilayer with Boris FX and VM Studio with VM Open
	58 Video Machine and Windows 'handles' (working with large movies)
	57 VM PLUS FAQ's
	56 New Panasonic Digital time code and Video Machine
	55 <u>Hardware Suggestion for VM Systems</u>
	54 <u>Drop Frame vs. Non Drop Frame with VM</u>
	53 Black and White Picons
	52 IRQ or I/O Problems
	51 <u>Tip for keying Crystal 3D Impact Pro graphics with VM</u>
	50 DSR 60 with VM
	49 Error: "Can not find the requested search position"
	46 DPR - Backing up DPR Video/Audio Files
	45 DPR / Harddrives - Troubleshooting
	44 FAST turnkey DPR drive integration
	43 Calibrating LanC and Edit Control Devices
	42 Luma and Chroma Keying with VM/DPR
	41 How can I use the DPR to produce video CDs? (DPR to AVI conversion)
	40 TIPS for working with Media Mania and VM/DPR
	39 DPR: Importing AVI Files/ Video Machine DPR System
	38 Starting PCs in Different (DPR) Configurations
	37 Fading in 4 Clips Simultaneously
	36 Interesting facts about the FAST Hardlock Twin
	35 VMPC\DPR: XSHIFT and YSHIFT
	34 Creating a WaterRipple effect with VM-Studio PLUS
	33 How to create a fade to/from a certain color
	32 Video Cabling with VM-Studio 3.0 and Cable Splitter
	31 Overlay Animation
1	
L	
P	Previous Page Next Page ▶
\ll	
<hr/>]	

 $\ensuremath{\mathbb{O}}$ Copyright FAST Multimedia AG. All rights reserved.

Blaupunkt Canon JVC Mitsubishi Otari Panasonic RICOH Sanyo Sony Tektronix

Previous Page | Next Page ▶

Video Machine - Device Notes

]

Blaupunkt **CCR-890** 3 RTV-830 RTV-846 HiFi 8 RTV-915 RTV-925 EGC 8 RTV-950 8 **SCR-750** ▶ Canon **▶** JVC Mitsubishi Otari Panasonic ▶ RICOH Sanyo Sony **Tektronix** [Previous Page | Next Page ▶

]

Blaupunkt Canon JVC Mitsubishi Otari Panasonic RICOH Sanyo Sony Tektronix

Previous Page | Next Page ▶

Video Machine - Device Notes

]

BlaupunktCCR-890

Device Note 06.09.95

Тур:

System: Hi8

TV Standard: PAL

Remote: LAN-C/Control L

Treiber:

FreigabeDatum:

▼ Hardware Setup am Gerät: / Hardware setup at machine

Switches: Kommentar:

Connectors:

Kommentar:

Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

To return set-up items to the default (factory-set) settings, press the RESET button when the SETUP-MENU is indicated.

Standard Einstellungen für Treiber/ Default settings for driver:

ayer: Blaupunkt C	CR 890	Н		
layer timing			Customization	Default
PLAY start shift: REC start shift:	0	frames	Max positioning retries: 4 count Unwind distance: 1 minutes	VM TC
PLAY delay:	8	frames		Help
STILL delay: 14 fields	fields	■ No repositioning on consecutive REC ■ Use fast positioning		
Editing delay:	88	fields		
EditOff delay: CTL delay VITC:	6	fields fields		Cancel

▼ Tips und Tricks/ Trouble shooting:

Zeichnet RCTC auf, gibt ihn aber nicht wieder. Bei TC Test

Error 87 "VITC reading not enabled for this player.

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

BlaupunktRTV-830

Device Note 06.09.95

Typ:

System: VHS TV Standard: PAL Remote: Edit-Control

Treiber:

FreigabeDatum:

Hardware Setup am Gerät: / Hardware setup at machine

Switches: Kommentar:

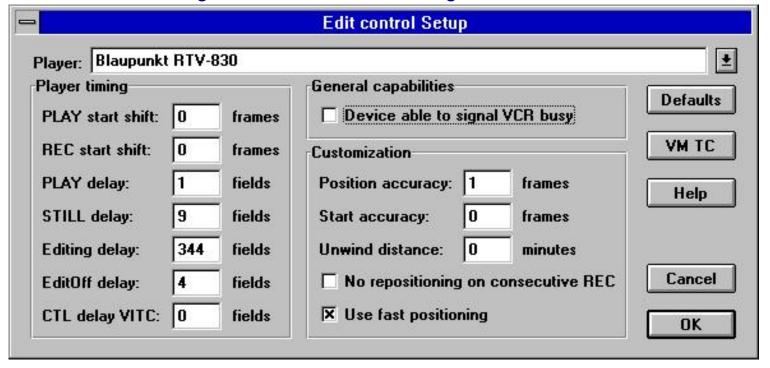
Connectors:

Kommentar:

Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

To return set-up items to the default (factory-set) settings, press the RESET button when the SETUP-MENU is indicated.

Standard Einstellungen für Treiber/ Default settings for driver:



Tips und Tricks/ Trouble shooting:

None

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

BlaupunktRTV-846 HiFi

Device Note 06.09.95

Тур:

System: VHS TV Standard: PAL Remote: Edit-Control

Treiber:

FreigabeDatum:

▼ Hardware Setup am Gerät: / Hardware setup at machine Switches:

Ort	Switch Name (wenn vorhanden)	Switch Position
At front	EDITING CONTROL	EDIT (RECORDER)

Kommentar:

Connectors:

Ort	Connector Out (wenn vorhanden)	Connect to (In)
	Video in, Audio 1+2 in, , Sicherungszapfen und modifizierter Nut zum Positionieren.	
Backside	2 x Scart + Audio 1 + 2	VM composite out or SC Box ref out

Kommentar:

Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

To return set-up items to the default (factory-set) settings, press the RESET button when the SETUP-MENU is indicated.

Standard Einstellungen für Treiber/ Default settings for driver:

layer: Blaupunkt	RTV-8	46 HiFi		
layer timing		1	Communication level	Defeute
PLAY start shift:	4	frames	○ Level 1 ● Level 2	Defaults
REC start shift:	0	frames	Customization	VM TC
PLAY delay:	12	fields	Position accuracy: 1 frames	Help
STILL delay:	9	fields	Start accuracy: 0 frames	
Editing delay:	345	fields	Unwind distance: 0 minutes	
EditOff delay:	2	fields	☐ No repositioning on consecutive REC	Cancel
CTL delay VITC:	2	fields	☐ Use fast positioning	ОК

Tips und Tricks/ Trouble shooting:

Edit.control Level 3

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

BlaupunktRTV-915

Device Note 06.09.95

Typ:

System: S-VHS TV Standard: PAL Remote: Edit-Control

Treiber:

FreigabeDatum:

Hardware Setup am Gerät: / Hardware setup at machine Switches:

Ort	Switch Name (wenn vorhanden)	Switch Position
At front	Input Select	S-Video

Kommentar: nothing special

Connectors:

Kommentar: nothing special

Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

no software settings

EintragNr.	Eintrag	Einstellungen
1	channel	AV (visible at display)

Standard Einstellungen für Treiber/ Default settings for driver:

ayer: Blaupunkt RTV	-915		
layer timing		Communication level	Default
PLAY start shift: 0	frames	● Level 1 ○ Level 2	Delauk
REC start shift: -2	frames	Customization	VM TC
PLAY delay: 3	fields	Position accuracy: 1 frames	Help
TILL delay: 10	fields	Start accuracy: 0 frames	
diting delay: 333	fields	Unwind distance: 1 minutes	
ditOff delay: 2	fields	☐ No repositioning on consecutive REC	Cance
CTL delay VITC: 2	_ fields	☐ Use fast positioning	OK

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

Tips und Tricks/ Trouble shooting:

BlaupunktRTV-925 EGC

Device Note 06.09.95

Typ:

System: S-VHS TV Standard: PAL Remote: Edit-Control

Treiber:

FreigabeDatum:

▼ Hardware Setup am Gerät: / Hardware setup at machine

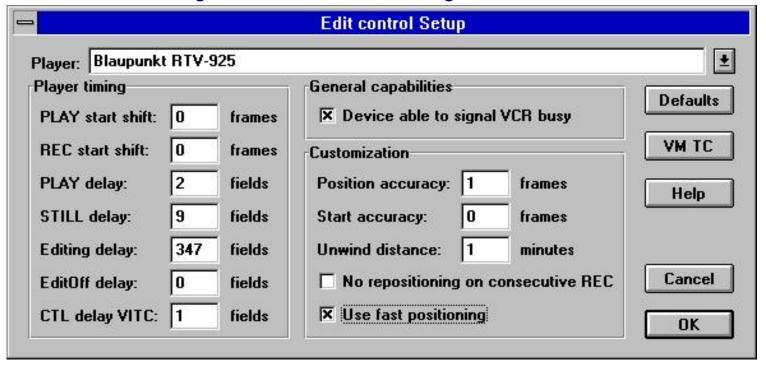
Switches: Kommentar:

Connectors:

Kommentar:

Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

▼ Standard Einstellungen für Treiber/ Default settings for driver:



Tips und Tricks/ Trouble shooting:

None

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

BlaupunktRTV-950

Device Note 06.09.95

Typ:

System: S-VHS TV Standard: PAL Remote: Edit-Control

Treiber:

FreigabeDatum:

Hardware Setup am Gerät: / Hardware setup at machine

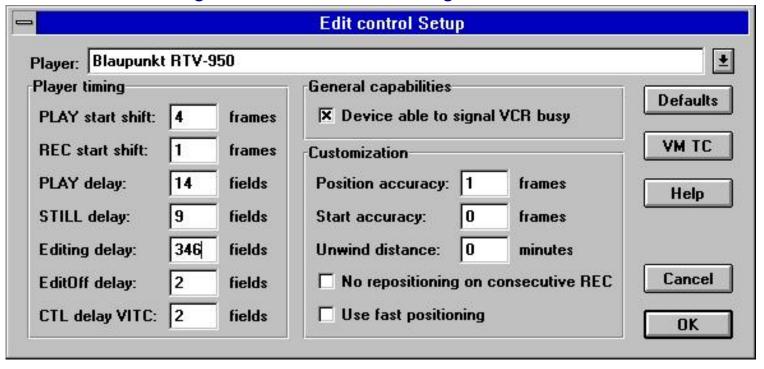
Switches: Kommentar:

Connectors:

Kommentar:

Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

▼ Standard Einstellungen für Treiber/ Default settings for driver:



Tips und Tricks/ Trouble shooting:

Alte Werte vom 1.7.93(!) : Play start pos. 9
Play prestart time 0

Rec start pos. 348
Rec prestart time 402
Edit off delay 4
Audio dub start pos. 200

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

BlaupunktSCR-750

Device Note 06.09.95

Typ:

System: S-VHS TV Standard: PAL Remote: Edit-Control

Treiber:

FreigabeDatum:

▼ Hardware Setup am Gerät: / Hardware setup at machine

Switches: Kommentar:

Connectors:

Kommentar:

Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

To return set-up items to the default (factory-set) settings, press the RESET button when the SETUP-MENU is indicated.

Standard Einstellungen für Treiber/ Default settings for driver:

dit con	trol Setup	
R-750S		<u>*</u>
		Defaults
0	frames	
0	frames	VM TC
5	fields	Help
0	fields	
0	fields	
2	fields	
6	fields	
		Cancel
O	minutes	ОК
	0 0 5 0 2 6	0 frames 0 frames 5 fields 0 fields 0 fields 2 fields 6 fields

Tips und Tricks/ Trouble shooting:

None

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS

▶ Blaupunkt
→ Canon
<u>■ EX-1</u>
UC-X2 Hi
<u>XL 1</u>
▶ 1∧C
Mitsubishi
Otari
Panasonic
RICOH
Sanyo
Sony
Tektronix
[
Previous Page Next Page ▶

▶ Blau	
Cano	on .
⊸ J∧C	
	BR-D50E
	BR-D85E
	BR-S 605 EB
	<u>BR-S368</u>
	<u>BR-S500E</u>
	<u>BR-S525E</u>
	<u>BR-S800E</u>
	BR-S811E/SA-F911E
	BR-S822E
	KR-M840EA
	KR-M860EA
▶ Mitsι	ubishi
Otari	
Pana	asonic
RICC	DH Control of the con
Sany	70
Sony	
Tektr	ronix
[
	vious Page Next Page
<==	
]	
\UI/J	

Blaup	ounkt
▶ Cano	n
▶ J∧C	
→ Mitsu	ıbishi
	HS-E82 PC VCR
	HS-M1000(G)
Otari	
Pana	sonic
RICO	Н
Sany	0
Sony	,
Tektr	onix
•	
Pre	<u>vious Page</u> <u>Next Page</u> ▶
<=	

)

Blaupunkt
Canon
JVC
Mitsubishi
Otari
DTR-90
Panasonic
RICOH
Sanyo
Sony
Tektronix

Previous Page | Next Page ▶

]

Blaupunkt ▶ Canon **▶** JVC Mitsubishi Otari Panasonic 8 AG-1970 **AG-1980P** 8 **AG-455P** 8 AG-4700 8 AG-5700 8 AG-7150 8 AG-7350 8 AG-7355E 8 **AG-7600E AG-7700E** 8 **AG-7750E** 8 **AG-8600E AG-8700E** 8 AJ-D350 8 AJ-D580 8 AJ-D650 8 AJ-D750 8 **AU-65H** 8 **AU-W35R NV-F 77EG** 8 NV-FS 200 8 **NV-FS 200 PC** 8 NV-FS 88EG **NV-FS 90** 8 [Previous Page | Next Page ▶

Blaupunkt
Canon
JVC
Mitsubishi
Otari
Panasonic
RICOH
R-18H
Sanyo
Sony
Tektronix

Previous Page | Next Page ▶

)

Blaupunkt **Canon ▶** JVC Mitsubishi Otari Panasonic ▶ RICOH → Sanyo **GVR-S955 GVR-S960** 8 Sony **Tektronix** [Previous Page | Next Page ▶

]

Blaupunkt ▶ Canon **▶** JVC Mitsubishi Otari > Panasonic ▶ RICOH Sanyo → Sony **BVU-870P** 8 **BVW-15P** 8 BVW-40P 8 **BVW-60P BVW-65P** 8 8 BVW-70P **BVW-75P** 8 **BVW-95P** 8 **BVW-96P** 8 CCD-FX 400E 8 CCD-FX 700E 8 8 **CCD-TR 2000E CCD-TR 323** 8 8 **CCD-TR 750E CCD-TR 808 E** 8 CCD-VX 3 CVD-1000 8 DCR-PC7E 8 8 DCR-VX1000E DCR-VX9000E DHR-1000VC 8 [Previous Page | Next Page ▶

 $\langle br \rangle$

]

▶ Blaupunkt
Canon
) JVC
Mitsubishi
) Otari
Panasonic
RICOH
Sanyo
Sony
▼ Tektronix
PDR 100 Video Disk Recorder (Profile)
Previous Page Next Page ▶
<

▶ Tektronix [Previous Page | Next P

Video Machine - Device Notes

Blaupunkt Canon JVC Mitsubishi Otari Panasonic RICOH Sanyo Sony Tektronix

Previous Page | Next Page ▶

Video Machine - Device Notes

]

Canon EX-1 Device Note 06.09.95

Тур:

System: Hi8

TV Standard: PAL Remote: Edit-Control

Treiber:

FreigabeDatum:

▼ Hardware Setup am Gerät: / Hardware setup at machine

Switches: Kommentar:

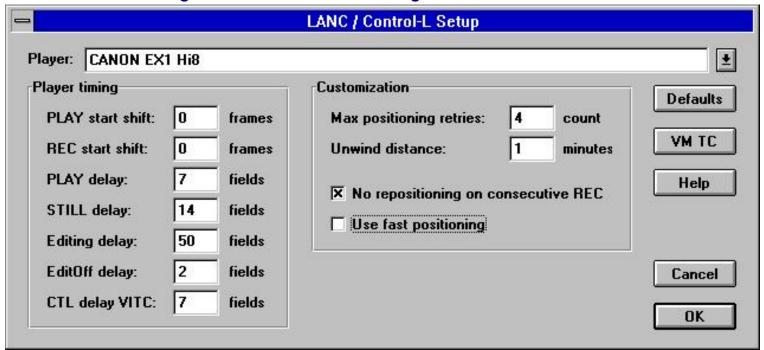
Connectors:

Kommentar:

Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

To return set-up items to the default (factory-set) settings, press the RESET button when the SETUP-MENU is indicated.

Standard Einstellungen für Treiber/ Default settings for driver:



Tips und Tricks/ Trouble shooting:

None

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

Canon UC-X2 Hi

Device Note 10.05.96

Тур:

System: Hi8

TV Standard: PAL

Remote: LAN-C/Control L

Treiber:

FreigabeDatum:

Hardware Setup am Gerät: / Hardware setup at machine Switches:

		Switch Name (wenn vorhanden)	Switch Position	
T	op hidden	Menue	Edit ON	

Kommentar: Set camera control switch to PLAY before setting menue to EDIT ON

Connectors:

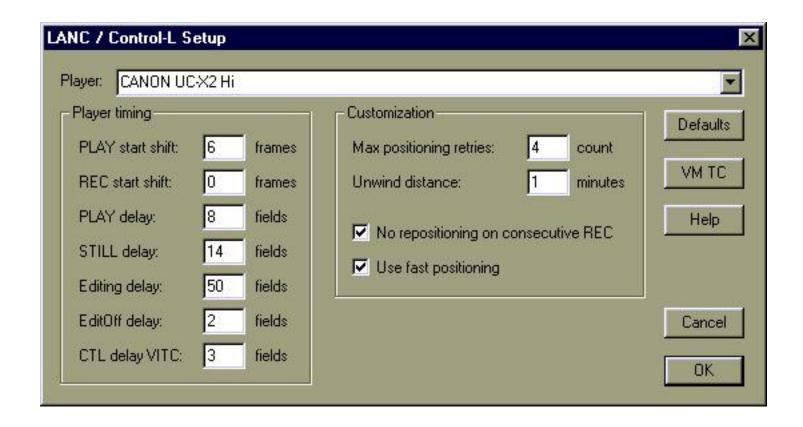
	Connector Out (wenn vorhanden)	Connect to (In)
Rear	Video + Audio out	VM IN

Kommentar:

Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

To return set-up items to the default (factory-set) settings, press the RESET button when the SETUP-MENU is indicated.

Standard Einstellungen für Treiber/ Default settings for driver:



Tips und Tricks/ Trouble shooting:

The MENUE button at the top has to be switched to EDIT ON again, after the camera is switched off once

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

Canon XL 1

Device Note 21.07.98

Тур:

System: Mini DV TV Standard: PAL

Remote: LAN-C/Control L Treiber: LANCRCTC.VMP FreigabeDatum: 20.01.98

Thardware Setup am Gerät: / Hardware setup at machine

Switches: Kommentar:

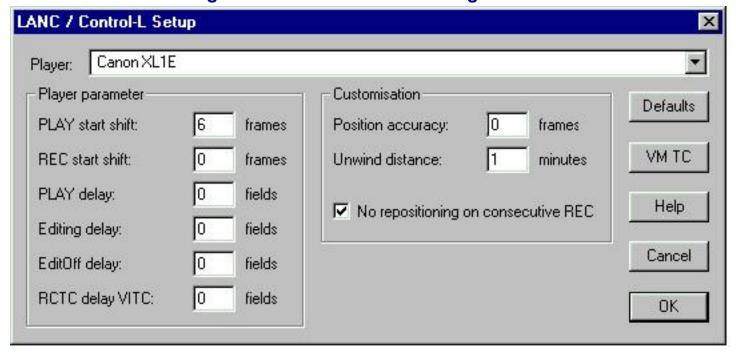
Connectors:

Kommentar:

Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

To return set-up items to the default (factory-set) settings, press the RESET button when the SETUP-MENU is indicated.

Standard Einstellungen für Treiber/ Default settings for driver:



Tips und Tricks/ Trouble shooting:

Camera is up to 5 frames inaccurate.

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

Video Machine - Device Notes

Blaupunkt Canon JVC Mitsubishi Otari Panasonic RICOH Sanyo Sony Tektronix

Previous Page | Next Page ▶

Video Machine - Device Notes

]

JVC BR-D50E

Device Note 24.03.97

Typ:

System: Digital S TV Standard: PAL Remote: RS 422

Treiber: SONYBC.VMP **FreigabeDatum:** 17.01.97

Hardware Setup am Gerät: / Hardware setup at machine

Switches:

	Switch Name (wenn vorhanden)	Switch Position
At front	COUNTER	TC
At front	REMOTE	9PIN

Kommentar:

Connectors:

	Connector Out (wenn vorhanden)	Connect to (In)
Backside	VM Ref or Composite Out	VTR Ref. In

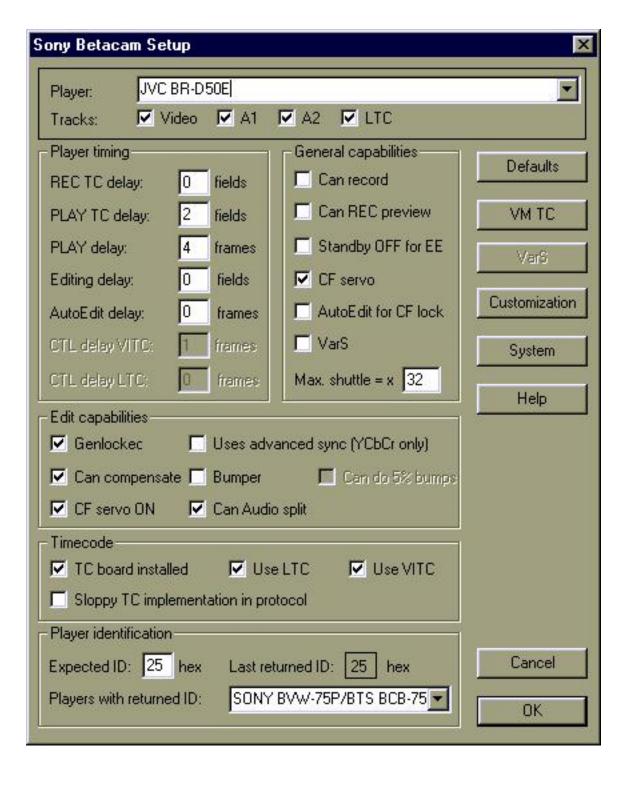
Kommentar:

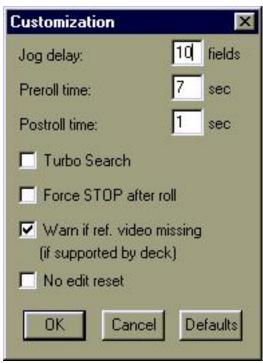
Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

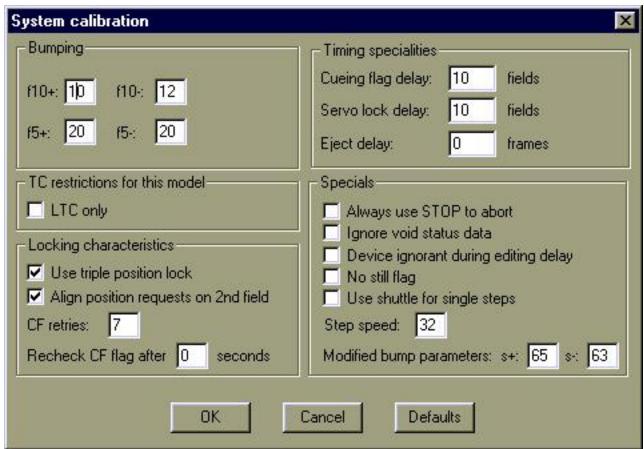
To return set-up items to the default (factory-set) settings, press the SET and SELECT button when the SETUP-MENU is at menu entree "00C USER PAGE".

EintragNr.	Eintrag	Einstellungen
317	9PIN DEVICE ID	OTHER TYPE 2
5	Auto Tracking	OFF>Preroll 5sec; ON>Preroll 7sec

Standard Einstellungen für Treiber/ Default settings for driver:







- Pay attention that in the setup menu of the device CHARA V POSITION of SCREEN DISPLAY is on the bottom. Otherwise you will have a field delay.
- If you work with slow motion we cannot guarantee that it works fine, as the VCR itself at the moment works only correctly with -32 to +32 speed.

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

JVC BR-D85E

Device Note 25.03.97

Тур:

System: Digital S TV Standard: PAL Remote: RS 422

Treiber: SONYBC.VMP **FreigabeDatum:** 17.01.97

Hardware Setup am Gerät: / Hardware setup at machine Switches:

Ort	Switch Name (wenn vorhanden)	Switch Position
At front	TIME CODE	INT
At front	TIME CODE	REC
At front	TIME CODE	REGEN
At front	AUDIO INPUT	ANA
At front	COUNTER	TC
At front	REMOTE	9PIN
At front	VIDEO INPUT	LINE / CPN

Kommentar:

Connectors:

	Connector Out (wenn vorhanden)	Connect to (In)
Backside	VM Ref or Composite Out	VTR Ref. In

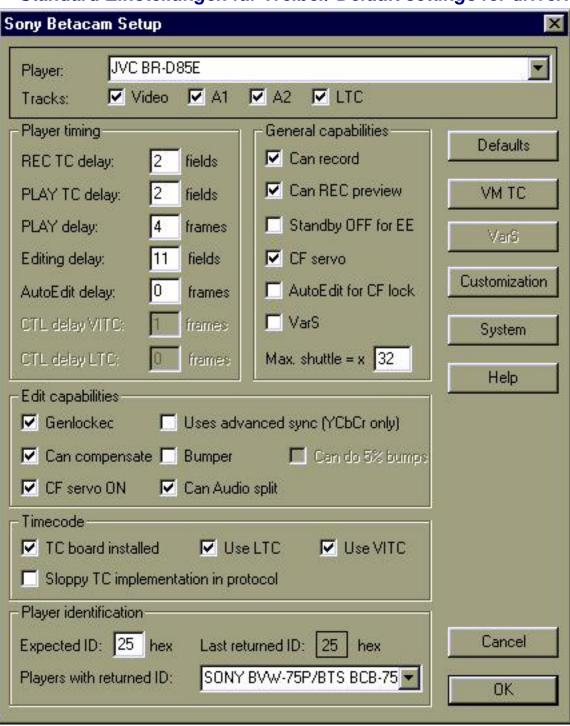
Kommentar:

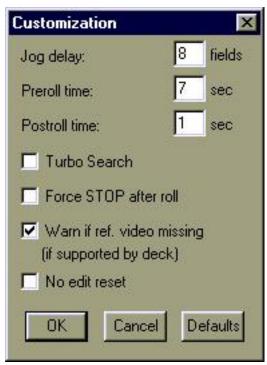
Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

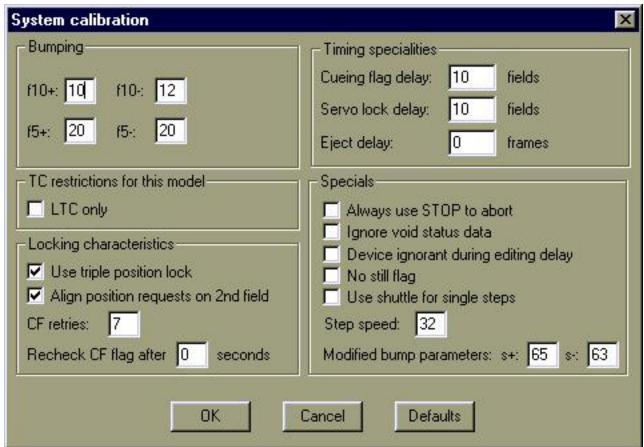
To return set-up items to the default (factory-set) settings, press the SET and SELECT button when the SETUP-MENU is at menu entree "00C USER PAGE".

EintragNr.	Eintrag	Einstellungen
5	Auto Tracking	OFF>Preroll 5sec ON>Preroll 7sec
317	9PIN DEVICE ID	OTHER TYPE 2
351	PREREAD	OFF

Standard Einstellungen für Treiber/ Default settings for driver:







- Pay attention that in the setup menu of the device CHARA V POSITION of SCREEN DISPLAY is on the bottom. Otherwise you will have a field delay.
- If you work with slow motion we cannot guarantee that it works fine, as the VCR itself at the moment works only correctly with -32 to +32 speed.

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

JVC BR-S 605 EB

Device Note 06.09.95

Тур:

System: S-VHS TV Standard: PAL Remote: RS 232

Treiber:

FreigabeDatum:

Hardware Setup am Gerät: / Hardware setup at machine Switches:

Ort	Switch Name (wenn vorhanden)	Switch Position
At front	SYNC SELECT	EXT

Kommentar:

Connectors:

Ort	Connector Out (wenn vorhanden)	Connect to (In)
Backside	sync in	Ref-out or composite-out

Kommentar:

Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

To return set-up items to the default (factory-set) settings, press the RESET button when the SETUP-MENU is indicated.

EintragNr.	Eintrag	Einstellungen
0	Color Frame Servo	ON Recorder
43	LTC	OFF
72		OFF

Standard Einstellungen für Treiber/ Default settings for driver:

VC BR-S605EB	
Recorder settings	Assemble settings <u>Defaults</u>
REC start shift : 0 fr	ames REC start shift : 0 frames VM TC
Editing delay : 206 fr	ames Editing delay : 206 frames Help
EditOff delay: 0 fr	ames EditOff delay: 25 frames
layer settings	TC delay
	REC TC Delay: 0 fields
PLAY start shift : 0 fr	PLAY TC Delay: 2 fields
PLAY delay : 4 fi	elds CTL delay VITC: 0 fields
Bumping f10+: 12	TC settings
Bumping f10-: 6	Use CTL-TC Board Genlocked Cancel

It is not possible to do audio dub

If you want to do a First Edit, you have to dissable "Use CTL-TC Board" in the Device Setup. Sometimes it may happen that a preview is only black--->plug off power supply of BR-S 605 and plug in once again.

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

Тур:

System: S-VHS TV Standard: PAL Remote: RS 232

Treiber:

FreigabeDatum:

▼ Hardware Setup am Gerät: / Hardware setup at machine

Switches: Kommentar:

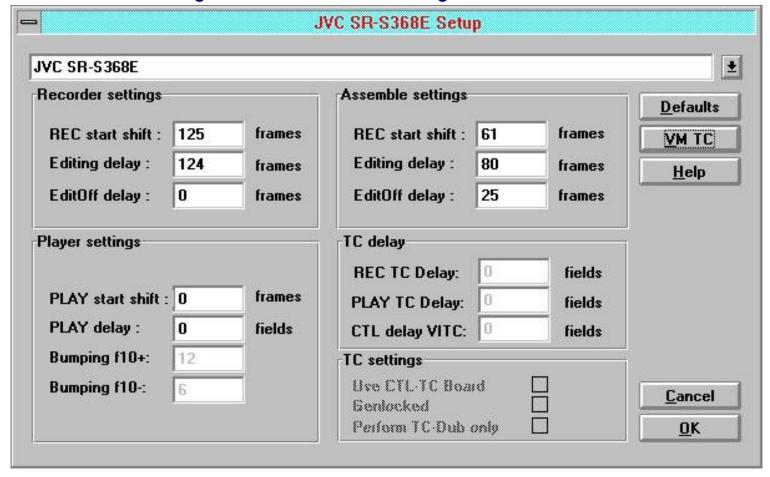
Connectors:

Kommentar:

Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

To return set-up items to the default (factory-set) settings, press the RESET button when the SETUP-MENU is indicated.

Standard Einstellungen für Treiber/ Default settings for driver:



Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

JVC BR-S500E

Device Note 22.07.97

Typ:

System: S-VHS TV Standard: PAL Remote: RS 422

Treiber:

FreigabeDatum:

Hardware Setup am Gerät: / Hardware setup at machine Switches:

	Switch Name (wenn vorhanden)	Switch Position
At front	REMOTE	REMOTE
At front	COUNTER	TIMECODE
Backside	TIMER	OFF

Kommentar:

Connectors:

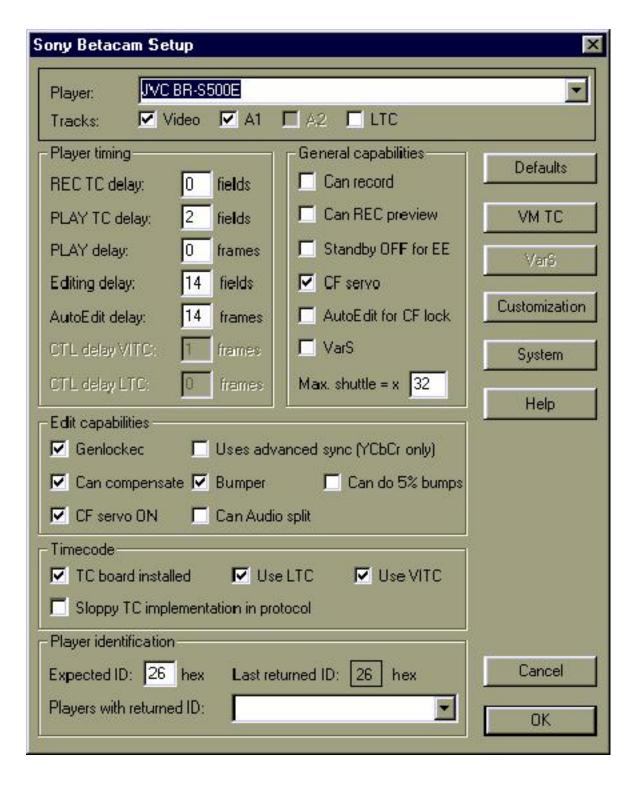
	Connector Out (wenn vorhanden)	Connect to (In)
Backside	VM Ref or Composite Out	VTR Ref. In

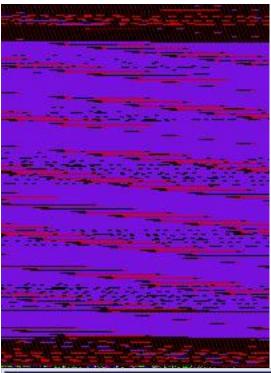
Kommentar:

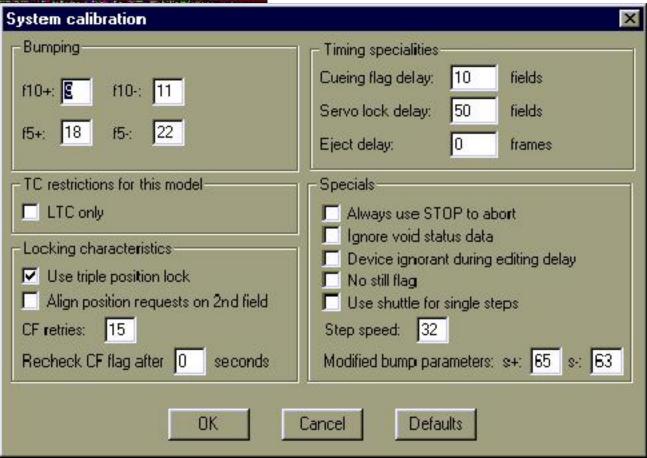
Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

EintragNr.	Eintrag	Einstellungen
0	FRAME SERVO	2 FIELD (PLAYER)
3	SYNC SELECT	EXTERNAL
206	AUD-2/LTC	LTC

Standard Einstellungen für Treiber/ Default settings for driver:







Use the VTR only with SA-R50E LTC/VITC (EBU) time code reader and SA-K26E 9-pin interface board. The VTR are tested only with internal TC.

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

JVC BR-S525E

Device Note 06.09.95

Тур:

System: S-VHS

TV Standard: PAL / NTSC

Remote: RS 422

Treiber:

FreigabeDatum:

Hardware Setup am Gerät: / Hardware setup at machine Switches:

Ort	Switch Name (wenn vorhanden)	Switch Position
At front	REC MODE	CONTINUE
Under front hidden	AGC	ON

Kommentar:

Connectors:

	Connector Out (wenn vorhanden)	Connect to (In)
Backside	Ref video	Ref out or Composite out

Kommentar:

Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

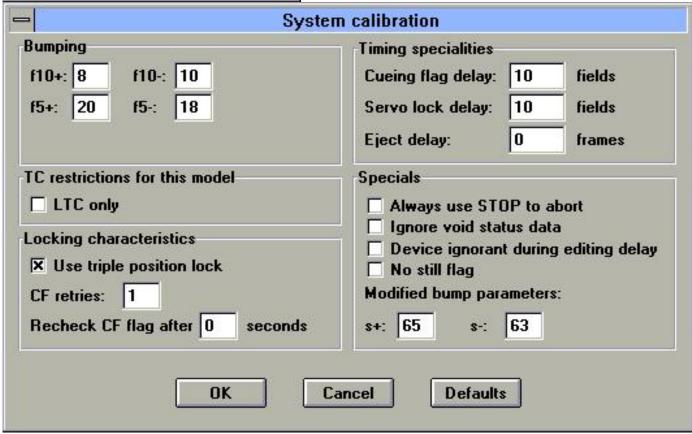
To return set-up items to the default (factory-set) settings, press the RESET button when the SETUP-MENU is indicated.

EintragNr.	Eintrag	Einstellungen
317	9P DEVICE TYPE SELECT	OTHER TYPE 2
320	PREROLL TIME	7 SEC
	CF SERVO LOCK	ENABLE
601	V BLANK MASK	OFF

Standard Einstellungen für Treiber/ Default settings for driver:

		So	ny Betacam Setup	
Player: JV	C BR-S5	25E/U		<u> </u>
Tracks: X	/ideo	× A1	□ A2 × LTC	
Player timing REC TC delay:	Го	fields	General capabilities Can record	Defaults
PLAY TC delay:	0	fields	☐ Can REC preview	VM TC
PLAY delay: Editing delay:	0	frames fields	☐ Standby OFF for EE	VarS
AutoEdit delay:		frames	☐ AutoEdit for CF lock	Customization
CTL delay VITC:	1	frames	▼ VarS	System
CTL delay LTC:	0.	frames	Max. shuttle = x 32	Help
Edit capabilities Genlocked Can compens:	ate 🗷 E	Jses adva Jumper San Audio	anced sync (YCbCr only) Can do 5% bumps split	
Timecode TC board insta	olementa	▼ Use		
Player identification	-	Last re	eturned ID: 00 hex	Cancel
Players with retu	rned ID:	JVC B	R-S810E/U/SA-F911E	ОК





None

Disclaimer:

TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

JVC BR-S800E

Device Note 06.09.95

Тур:

System: S-VHS TV Standard: PAL Remote: RS 422

Treiber:

FreigabeDatum:

THardware Setup am Gerät: / Hardware setup at machine

Switches: Kommentar:

Connectors:

	Connector Out (wenn vorhanden)	Connect to (In)
Backside	VM Ref or Composite Out	VTR Ref. In

Kommentar:

Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

To return set-up items to the default (factory-set) settings, press the RESET button when the SETUP-MENU is indicated.

319 Video EDIT DELAY 8FRAMES

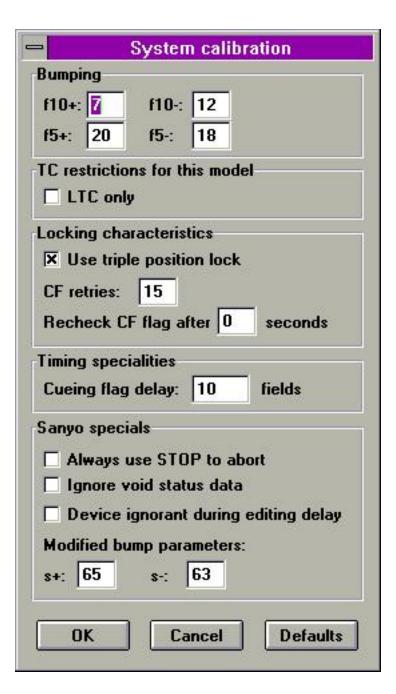
320 AUDIO EDIT DELAY 8FRAMES

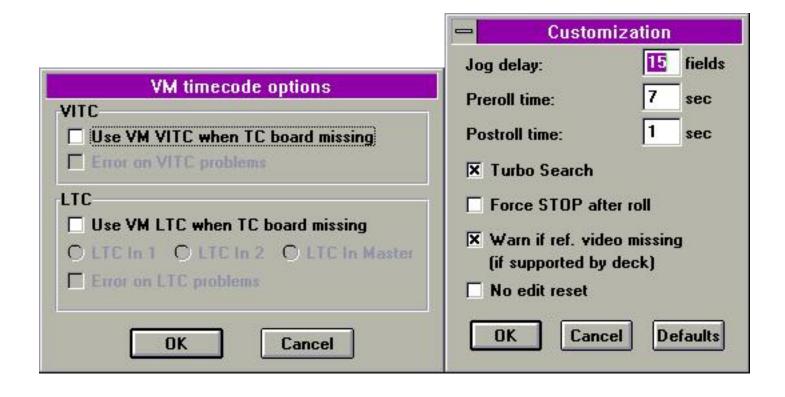
414 TCG SELECT Regen; for 1st-Edit Preset

EintragNr.	Eintrag	Einstellungen
0	FRAME SERVO	2 FIELD (PLAYER), 4 FIELD (RECORDER)
3	SYNC SELECT	EXTERNAL
101	EDIT SELECT	ENHANCED
206	AUD-2/LTC	LTC
317	9PIN DEVICE ID	OTHER TYPE 2

Standard Einstellungen für Treiber/ Default settings for driver:

-	Son	y Betacam Setup	
Player: JVC Tracks: ▼ Vic	BR-S800E deo 🕱 A1	□ A2 □ LTC	±
Player timing REC TC delay: PLAY TC delay: PLAY delay: Editing delay:	O fields O fields O frames 14 fields	General capabilities Can record Can REC preview Standby OFF for EE CF servo	Defaults VM TC VarS
AutoEdit delay: CTL delay VITC: CTL delay LTC: Edit capabilities X Genlocked	14 frames 0 frames Uses adva	☐ AutoEdit for CF lock ☐ VarS Max. shuttle = x 32	Customization System Help
▼ Can compensat ▼ CF servo ON Timecode	e 🗵 Bumper	Can do 5% bumps	
X TC board install	led 🕱 Use ementation in pro		
Player identification Expected ID: 25 Players with returns	hex Last rel	turned ID: 25 hex BVW-75P/BTS BCB-7	Cancel





Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

JVC BR-S811E/SA-F911E

Device Note 06.09.95

Typ:

System: S-VHS

TV Standard: PAL NTSC

Remote: RS 422

Treiber:

FreigabeDatum:

Hardware Setup am Gerät: / Hardware setup at machine Switches:

	Switch Name (wenn vorhanden)	Switch Position
At front	MODE	PAY (PLAYER)
Under front hidden	SYNC SELECT	INT
Backside	VIDEO IN 75 Ohm	ON

Kommentar:

Connectors:

	Connector Out (wenn vorhanden)	Connect to (In)
Backside		VM composite out or SC Box ref out

Kommentar:

Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

Besitzt kein SW setup!

Standard Einstellungen für Treiber/ Default settings for driver:

	S	ony Betacam Setup	
	JVC BR-S810E/U		•
Tracks:	▼ Video 🗵 A1	□ A2 □ LTC	
Player timing REC TC delay	: 0 fields	General capabilities K Can record	Defaults
PLAY TC dela	y: 0 fields	ズ Can REC preview	VM TC
PLAY delay:	0 frames		VarS
Editing delay: AutoEdit delay			Customization
CTL delay VIT	C: 1 frames	□ VarS	System
CTL delay LTC		s Max. shuttle = x 16	Help
Edit capabilities			
☐ Can compe	ensate 🗵 Bumper	dvanced sync (YCbCr only) r X Can do 5% bumps idio split	
Timecode			
▼ TC board in	nstalled 🔀 L implementation in	Jse LTC X Use VITC	
The second secon			

Customization			
Jog delay:	10	fields	
Preroll time:	10	sec	
Postroll time:	1	sec	
☐ Turbo Search			
☐ Force STOP after	roll		
□ Warn if ref. ∨ideo	missin	9	
(if supported by d	leck)		
□ No edit reset			
OK Cance	l De	faults	

Running the device without TC board:

Switch off TC-board-available. Select appropriate switches inVM TC setup-box if desired.

Running the device in CTL Mode with TC board installed: Switch off LTC and VITC, Leave TC-board-available checked.

FAST is not able to fully recommend this device configuration with interface, due to the fact that it doesn't support

the complete sony protocol instruction set. .

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

JVC BR-S822E

Device Note 07.09.95

Typ:

System: S-VHS TV Standard: PAL Remote: RS 422

Treiber:

FreigabeDatum:

Hardware Setup am Gerät: / Hardware setup at machine Switches:

Kommentar: If vcr is used as recorder, during recording set tc settings to INT/REGEN/REC.

Connectors:

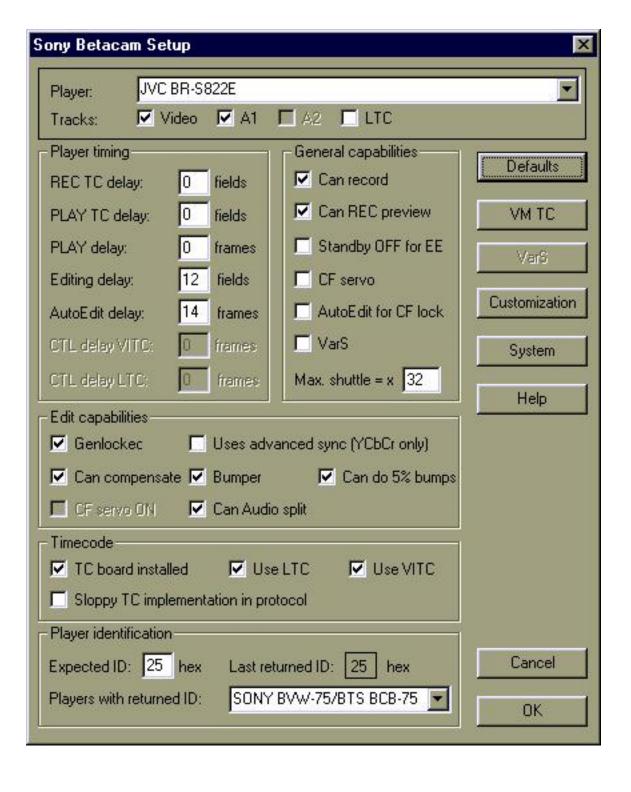
Kommentar:

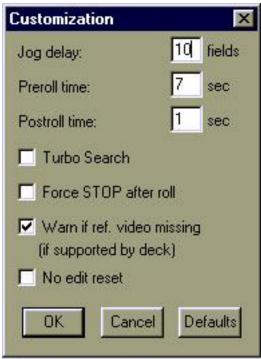
Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

To return set-up items to the default (factory-set) settings, press the RESET button when the SETUP-MENU is indicated.

EintragNr.	Eintrag	Einstellungen
0		2 FIELD (PLAYER), 4 FIELD (RECORDER)
317	9P DEVICE TYPE SELECT	OTHER TYPE 2
318	TC DATA W/O TC BOARD	CTL DATA
323	MODE AFTER PREROLL	STILL
353	SYNC GRADE	ACCURATE

Standard Einstellungen für Treiber/ Default settings for driver:







TC board and TBC are optional

Further important adjustments in the software of the device: 206 Audio2 LTC 402 CTL drop frame Non drop 407 Phase Correction bit ON

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

JVC KR-M840EA

Device Note 06.09.95

Typ:

System: MII

TV Standard: PAL Remote: RS 422

Treiber:

FreigabeDatum:

▼ Hardware Setup am Gerät: / Hardware setup at machine

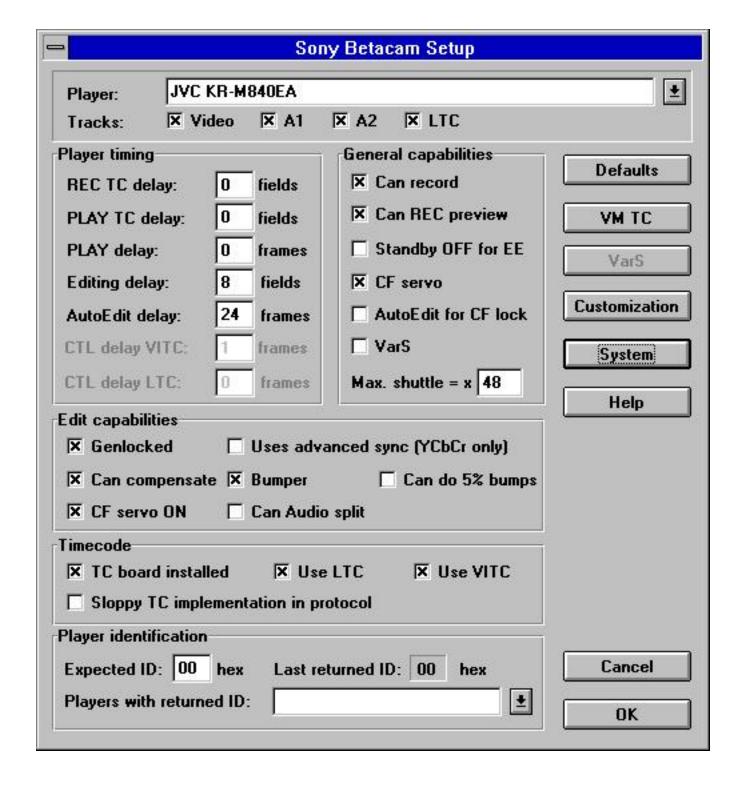
Switches: Kommentar:

Connectors:

Kommentar:

Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

To return set-up items to the default (factory-set) settings, press the RESET button when the SETUP-MENU is indicated.



None

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING,

WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

JVC KR-M860EA

Device Note 06.09.95

Typ:

System: MII

TV Standard: PAL Remote: RS 422

Treiber:

FreigabeDatum:

▼ Hardware Setup am Gerät: / Hardware setup at machine

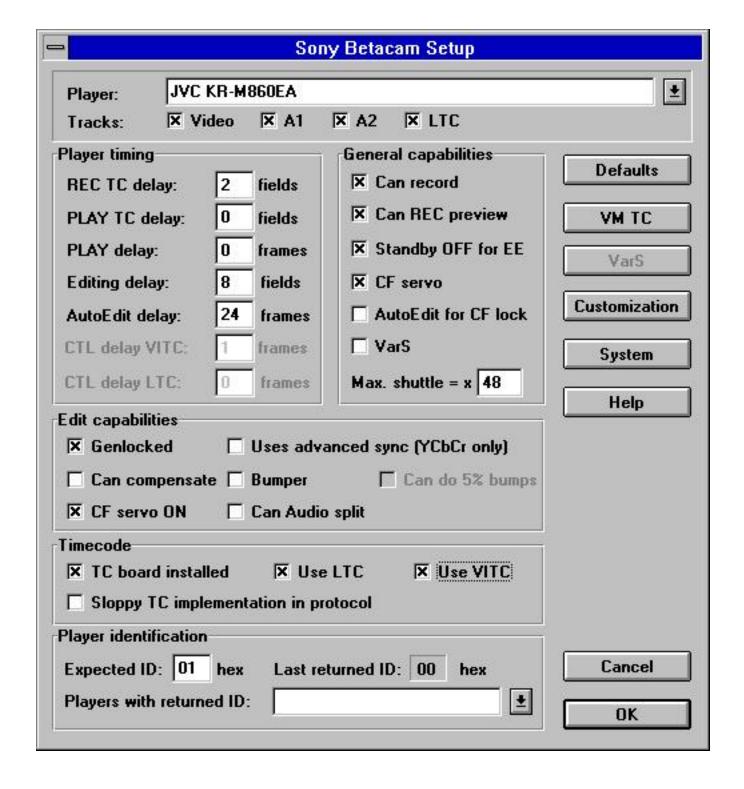
Switches: Kommentar:

Connectors:

Kommentar:

Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

To return set-up items to the default (factory-set) settings, press the RESET button when the SETUP-MENU is indicated.



None

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING,

WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

Video Machine - Device Notes

Blaupunkt Canon JVC Mitsubishi Otari Panasonic RICOH Sanyo Sony Tektronix

Previous Page | Next Page ▶

Video Machine - Device Notes

]

MitsubishiHS-E82 PC VCR Device Note 07.09.95

Typ: System: TV Standard: Remote: Treiber: FreigabeDatum:	
Hardware Setup am Gerät: / Hardware setup at machine Switches: Kommentar:	
Connectors:	
Kommentar:	
Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default: To return set-up items to the default (factory-set) settings, press the RESET button when the SETUP-MENU is indicated.	var

MITSUBISHI	E82 PC-V	CR Setup	
HITSUBISHI E82 PC-VCR			
Recorder settings		-	<u>D</u> efaults
Editing delay :	109	fields	VM TC
REC start shift :	300	fields	
EditOff delay :	1	frames	<u>H</u> elp
Audio Dub editing delay :	109	fields	
Player settings			
PLAY start shift :	0	fields	
PLAY Delay :	0	fields	
Machine control			
Use search speed :	Medium	<u>*</u>	
Reading status :	20	retries	
Perform a Rapid TC - Dub only ?		AT	Cancel
Use long search caveat :			OK

None

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

MitsubishiHS-M1000(G)

Device Note 06.09.95

Typ:

System: S-VHS TV Standard: PAL Remote: RS 232

Treiber:

FreigabeDatum:

Hardware Setup am Gerät: / Hardware setup at machine Switches:

	Switch Name (wenn vorhanden)	Switch Position
At front	LP/SP	SP
At front	Fernb	VCR A
At front	Programm	L2

Kommentar:

Connectors:

Kommentar:

Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

To return set-up items to the default (factory-set) settings, press the RESET button when the SETUP-MENU is indicated.

UTCURIOUI UC LIAGOS DO			
AITSUBISHI HS-M1000 PC			
Recorder settings		1	<u>D</u> efaults
Editing delay :	74	fields	VM TC
REC start shift :	0	fields	Help
EditOff delay :	4	frames	īīcip
Audio Dub editing delay :	78	fields	
Player settings			
PLAY start shift :	0	fields	
PLAY Delay :	22	fields	
Machine control			
Use search speed :	Medium	<u>*</u>	
Reading status :	30	retries	
Perform a Rapid TC - Dub only ?			Cancel
Use long search caveat :			OK

With this device there is just video only or audio only insert possible. If you want to perform a video/audio insert, the device will insert video only

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

▶ Tektronix [Previous Page | Next P

Video Machine - Device Notes

Blaupunkt Canon JVC Mitsubishi Otari Panasonic RICOH Sanyo Sony Tektronix

Previous Page | Next Page ▶

Video Machine - Device Notes

]

Otari DTR-90

Device Note 06.09.95

Тур:

System: DAT TV Standard:

Remote: RS 422 9p

Treiber:

FreigabeDatum:

THARDWARE Setup am Gerät: / Hardware setup at machine

Switches: Kommentar:

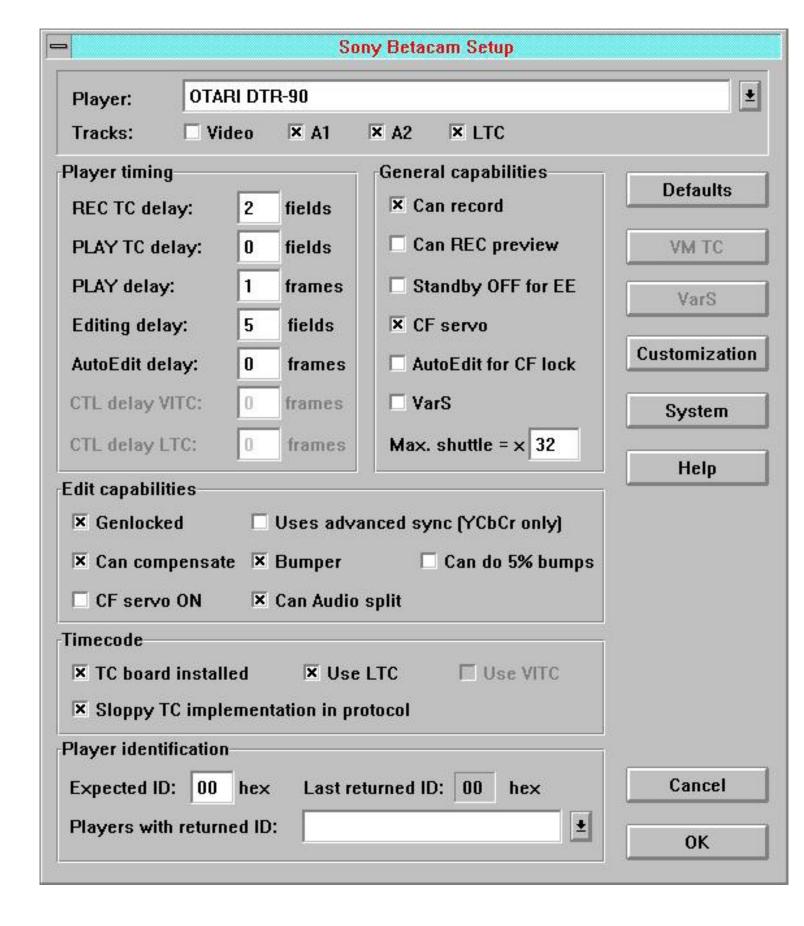
Connectors:

	Connector Out (wenn vorhanden)	Connect to (In)
Backside		Ref out or composite out or YUV ref out

Kommentar: Software setup on device, different from default.

Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

To return set-up items to the default (factory-set) settings, press the RESET button when the SETUP-MENU is indicated.



Enable "sloppy TC implementation in protocol"
TC reader / generator optional equipment,
Memora start option enables frame accurate editing in jog/shuttle mode.

When choosing this device, you get a prompt, that says: Switch Audio2 off for editing.
No TC-dub possible.
RESET unstbale during editing delay.

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

▶ Tektronix [Previous Page | Next P

Video Machine - Device Notes

Blaupunkt Canon JVC Mitsubishi Otari Panasonic RICOH Sanyo Sony Tektronix

Previous Page | Next Page ▶

Video Machine - Device Notes

]

PanasonicAG-1970

Device Note 06.09.95

Typ: System:

TV Standard: NTSC Remote: Edit-Control

Treiber:

FreigabeDatum:

Hardware Setup am Gerät: / Hardware setup at machine Switches:

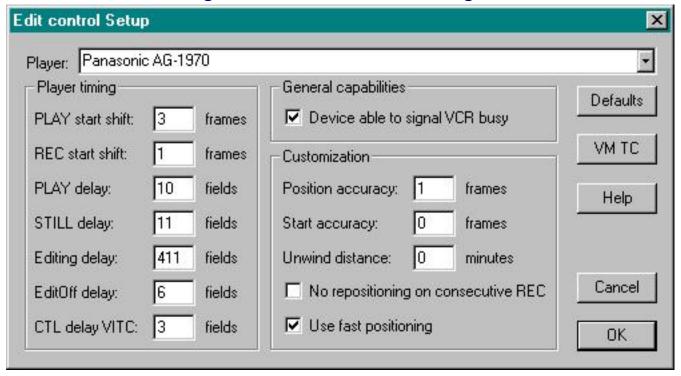
Kommentar:

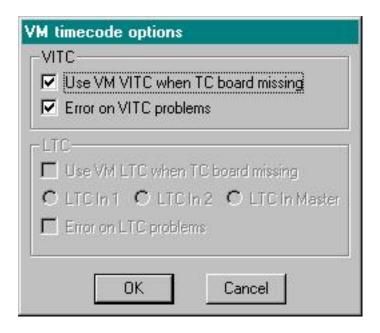
Connectors:

Kommentar:

Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

To return set-up items to the default (factory-set) settings, press the RESET button when the SETUP-MENU is indicated.





None

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

PanasonicAG-1980P

Device Note 09.04.96

Typ:

System: S-VHS TV Standard: NTSC Remote: Edit-Control

Treiber:

FreigabeDatum:

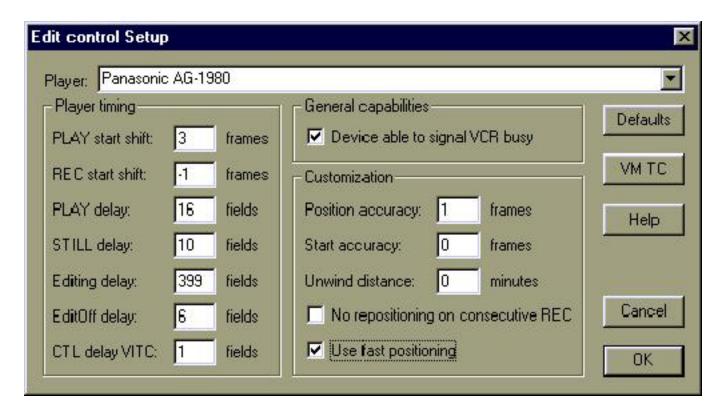
Hardware Setup am Gerät: / Hardware setup at machine Switches:

Kommentar:

Connectors:

Kommentar:

Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:



Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

PanasonicAG-455P

Device Note 07.09.95

Typ:

System: S-VHS

TV Standard: NTSC Remote: Edit-Control

Treiber:

FreigabeDatum:

▼ Hardware Setup am Gerät: / Hardware setup at machine

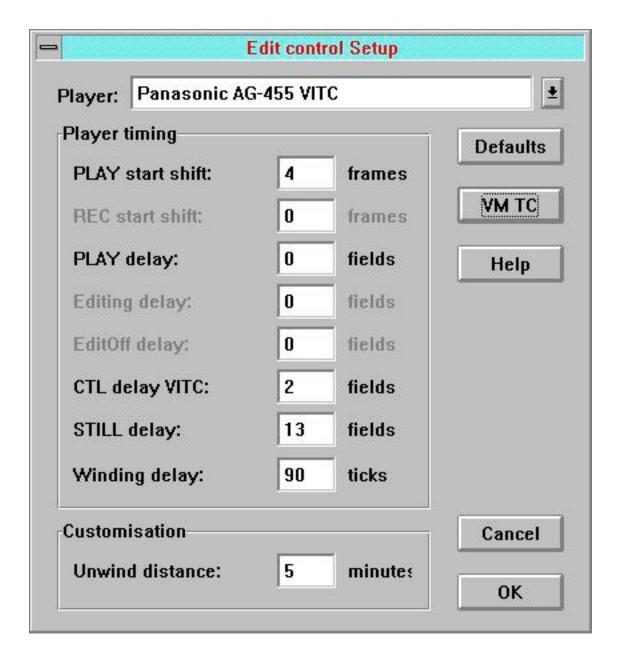
Switches: Kommentar:

Connectors:

Kommentar:

Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

To return set-up items to the default (factory-set) settings, press the RESET button when the SETUP-MENU is indicated.



None

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR

TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

PanasonicAG-4700

Device Note 07.09.95

Typ:

System: S-VHS **TV Standard:** PAL **Remote:** Edit-Control

Treiber:

FreigabeDatum:

Hardware Setup am Gerät: / Hardware setup at machine Switches:

Ort	Switch Name (wenn vorhanden)	Switch Position
At front	EDIT MODE	PASSIVE

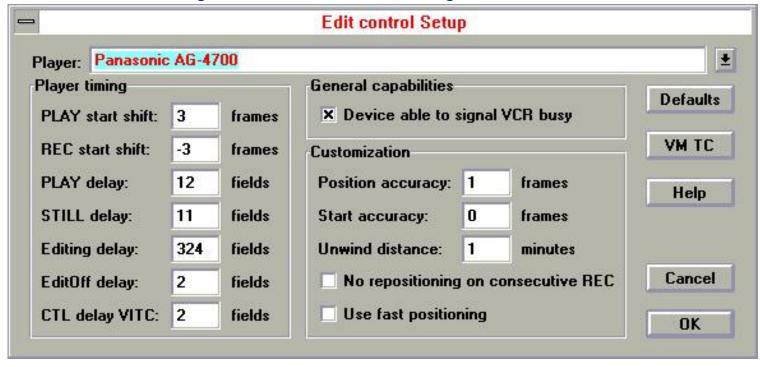
Kommentar:

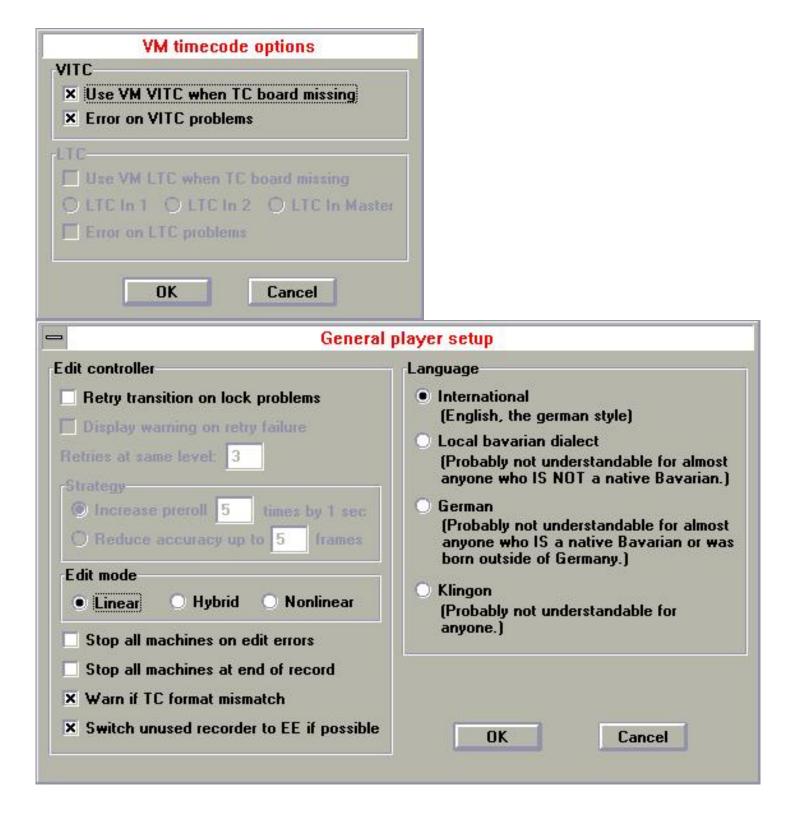
Connectors:

Kommentar:

Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

To return set-up items to the default (factory-set) settings, press the RESET button when the SETUP-MENU is indicated.





None

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION,

ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

PanasonicAG-5700

Device Note 06.09.95

Typ:

System: S-VHS TV Standard: PAL Remote: RS 232

Treiber:

FreigabeDatum:

Hardware Setup am Gerät: / Hardware setup at machine Switches:

Ort	Switch Name (wenn vorhanden)	Switch Position
Backside	MODE LOCK	OFF

Kommentar:

Connectors:

Kommentar:

Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

To return set-up items to the default (factory-set) settings, press the RESET button when the SETUP-MENU is indicated.

		- 1	^o anasonic	AG-570	0 Setu	ip.	
Player: Panason	ic AG-57	00					
Recorder setting	s				-	_	<u>D</u> efaults
EditOff delay					2	frames	VM TC
Optional recorde	r settings Editing		700) CTL shift	L	BEC st	tart shift	<u>H</u> elp
Insert-Video :	92	fields	17	frames		frames	
Insert-Audio :	38	fields	7	frames	6	frames	
Insert-AV :	232	fields	7	frames	4	frames	
⊠ Use accum	nulated C	TL shift:	0				
Player settings							
PLAY start sh	ift :				0	frames	<u>C</u> ancel
PLAY delay :					7	fields	OK

 $\overline{AG-5700} = Rekorder$

Tips und Tricks/ Trouble shooting:

As recorder the device is not able to perform a goto

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED

PanasonicAG-7150

Device Note 04.09.95

Typ:

System: S-VHS TV Standard: PAL Remote: RS 232

Treiber:

FreigabeDatum:

Hardware Setup am Gerät: / Hardware setup at machine Switches:

	Switch Name (wenn vorhanden)	Switch Position
Under front hidden	TV SYSTEM	PAL

Kommentar:

Connectors:

	Connector Out (wenn vorhanden)	Connect to (In)
Backside	VM Ref or Composite Out	VTR Ref. In

Kommentar:

Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

Running the device without TC board:

Switch off "TC board available"

Select appropriate switches in VM TC setup box if desired.

Running the device in CTL mode with TC board installed: Swith off LTC and VITC. Leave "TC board available" checked.

To return set-up items to the default (factory-set) settings, press the RESET button when the SETUP-MENU is indicated.

Panas	onic AG-7	150 Setup	
Panasonic AG-7150			1
Recorder settings		_	<u>D</u> efaults
REC start shift :	238	fields	
Editing delay :	231	fields	<u>H</u> elp
Audio Dub editing delay :	231	fields	
EditOff delay :	0	fields	
EditOn delay :	0	fields	
Player settings	100	- 5W.	_ 1
PLAY start shift:	0	fields	
PLAY delay :	0	fields	
Options available			_
Use Timecode board :	×		
FirstE dit			<u>C</u> ancel
Perform LTC-Dub only ?			OK

The machine can't read VITC when using VM VITC. Switch the TBC control selector on the front to bypass.

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT

CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

PanasonicAG-7350

Device Note 06.09.95

Typ:

System: S-VHS TV Standard: PAL Remote: RS 232

Treiber:

FreigabeDatum:

Hardware Setup am Gerät: / Hardware setup at machine Switches:

	Switch Name (wenn vorhanden)	Switch Position
Under front hidden	AGC	ON

Kommentar:

Connectors:

	Connector Out (wenn vorhanden)	Connect to (In)
Backside		ref out or composite out or YUV ref out

Kommentar:

Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

To return set-up items to the default (factory-set) settings, press the RESET button when the SETUP-MENU is indicated.

Standard Einstellungen für Treiber/ Default settings for driver:

Pana	sonic AG-7	350 Setup	
Panasonic AG-7350			<u> </u>
Recorder settings			Defaults
REC start shift:	240	fields	
Editing delay :	231	fields	<u>H</u> elp
Audio Dub editing delay :	231	fields	
EditOff delay :	-50	fields	
EditOn delay :	12	fields	
Player settings	2.		J. 1
PLAY start shift :	50	fields	
PLAY delay :	20	fields	
Options available			1
Use Timecode board :	×		
FirstEdit			<u>C</u> ancel
Perform LTC-Dub only ?			<u>o</u> K

Assemble only device
No first-edit function
Rec-preview only with video-insert-only mode
(Rec-preview is only possible in V-insert-only mode, not meanwhile recording.

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION

PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

PanasonicAG-7355E

Device Note 07.09.95

Typ:

System: S-VHS TV Standard: PAL Remote: RS 232

Treiber:

FreigabeDatum:

Hardware Setup am Gerät: / Hardware setup at machine Switches:

Ort	Switch Name (wenn vorhanden)	Switch Position
Under front hidden	MODE LOCK	OFF
Backside	DIB1/SW1 = BIT LENGTH	OFF = 7 BIT
Backside	DIB1/SW2 = STOP BIT	OFF = STOP 1
Backside	DIB1/SW3 = PARITY	OFF = ODD
Backside	DIB1/SW4 = PARITY	OFF = ODD
Backside	DIB1/SW5 = BAUD RATE	OFF = 9600
Backside	DIB1/SW6 = BAUD RATE	ON = 9600
Backside	DIB2/SW1-5	OFF
Backside	DIB2/SW6 = TCG INT/EXT	ON = INT

Kommentar:

Connectors:

Kommentar:

Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

To return set-up items to the default (factory-set) settings, press the RESET button when the SETUP-MENU is indicated.

Standard Einstellungen für Treiber/ Default settings for driver:

The parameter "Rec start shift" is not available.

- Panas	onic AG-7	350 Setup	
Panasonic AG-7355			<u>*</u>
Recorder settings	180		Defaults
REC start shift :	200	fields	
Editing delay :	231	fields	<u>H</u> elp
Audio Dub editing delay :	231	fields	
EditOff delay :	-50	fields	
EditOn delay :	12	fields	
Player settings	- 22		
PLAY start shift :	0	fields	
PLAY delay:	14	fields	
Options available			
Use Timecode board :	×		3 3
FirstEdit			<u>C</u> ancel
Perform LTC-Dub only ?			<u>o</u> k

It is not recommended to use this device as a recorder. It doesn't support a standard EBU-LTC and the REC IN in assemble mode is not clean.

Device was tested with vmmedia.dll from 09.05.95 and ag7150.vmp from 07.04.95

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR

DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

PanasonicAG-7600E

Device Note 17.11.95

Тур:

System: S-VHS TV Standard: PAL Remote: RS 422

Treiber:

FreigabeDatum:

Hardware Setup am Gerät: / Hardware setup at machine Switches:

	Switch Name (wenn vorhanden)	Switch Position
At front	TC	AUTO
At front	Control	REMOTE

Kommentar:

Connectors:

	Connector Out (wenn vorhanden)	Connect to (In)
Backside	VM Ref or Composite Out	VTR Ref. In

Kommentar:

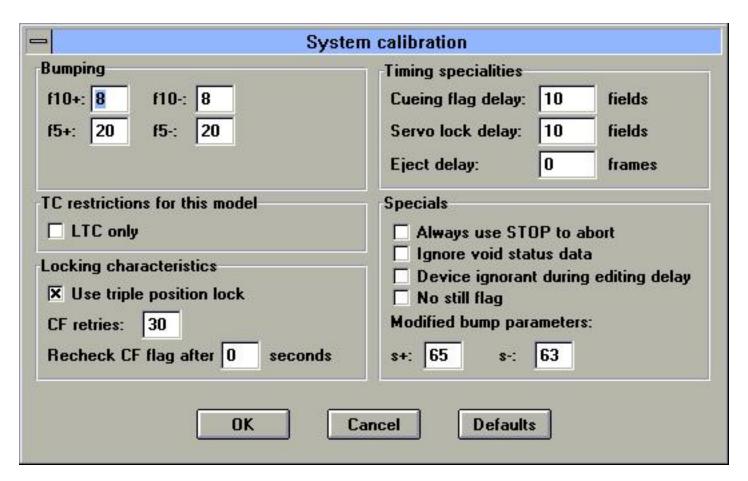
Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

To return set-up items to the default (factory-set) settings, press the RESET under Counterdisplay button when the SETUP-MENU is indicated.

EintragNr.	Eintrag	Einstellungen
1001	SYNC	00 NORMAL
2004	PB/EE SELECT	00 PB/EE
3006	AUDIO CH2	01 LTC
5002	DEVICE TYPE SELECT	00 OTHER TYPES
6005	FRAME SERVO	01 ON

Standard Einstellungen für Treiber/ Default settings for driver:

-		Son	y Betacam Setup	
Player:	PANASON	IIC AG-760	10E	<u>+</u>
Tracks:	▼ Video	X A1	□ A2 □ LTC	
Player timing REC TC del	-	fields	General capabilities Can record	Defaults
PLAY TC de	elay: 0	fields	Can REC preview	VM TC
PLAY delay		frames fields	☐ Standby OFF for EE ☐ CF servo	VarS
AutoEdit de	elay: 0	frames	☐ AutoEdit for CF lock	Customization
CTL delay V		frames	□ VarS	System
CTL delay L	TC: O	frames	Max. shuttle = x 32	Help
Table 1	100000	Bumper	anced sync (YCbCr only) Can do 5% bumps	
Timecode	7.00M	Can Addic	ээрис	
X TC boar	d installed [C implemen	▼ Use		
Player identil		F	turned ID: 00 hex	Cancel
i idyels w ith	i returneu ID	· I		OK





- While the RESET button on the VCR is kept pressed during Play (CONTROL switch to REMOTE and DIAL MODE switch to SEARCH), you can see the VITC Position on VCR-Display and on screen (if ON SCREEN is enabled).
- At the SYNC EXT setting, the COLOUR FRAME function does not operate, and only frame is conducted.

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

PanasonicAG-7700E

Device Note 20.11.95

Typ:

System: S-VHS TV Standard: PAL Remote: RS 422

Treiber:

FreigabeDatum:

Hardware Setup am Gerät: / Hardware setup at machine Switches:

	Switch Name (wenn vorhanden)	Switch Position
At front	TC	AUTO
At front	Control	REMOTE
At front	Memory	EDIT

Kommentar:

Connectors:

	Connector Out (wenn vorhanden)	Connect to (In)
Backside	VM Ref or Composite Out	VTR Ref. In

Kommentar:

Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

To return set-up items to the default (factory-set) settings, press the RESET under Counterdisplay button when the SETUP-MENU is indicated.

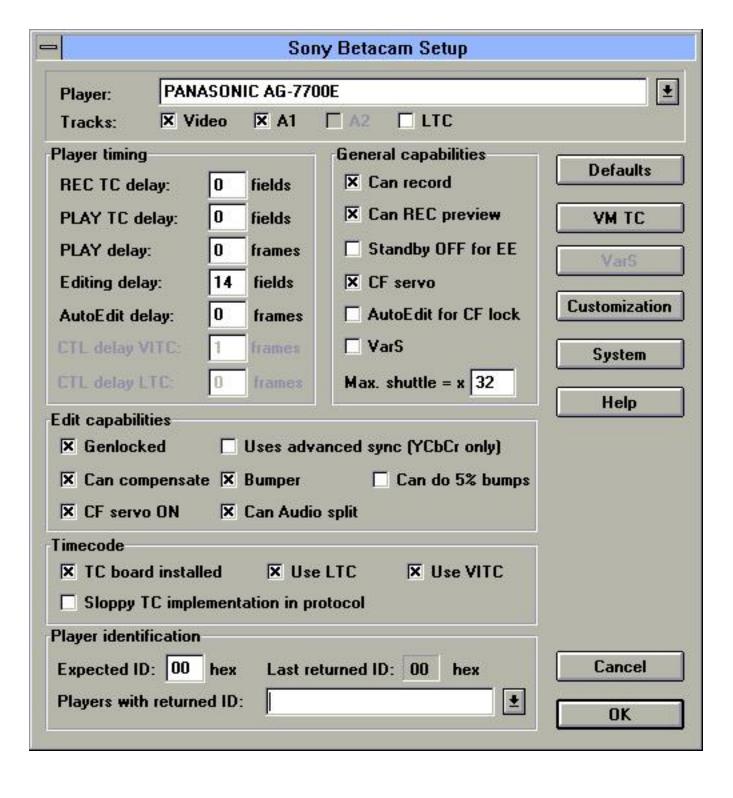
Item nr. 7004 and 7005 (VITC Position SEL-1 and SEL-2) must be set for Line 19 and 21.

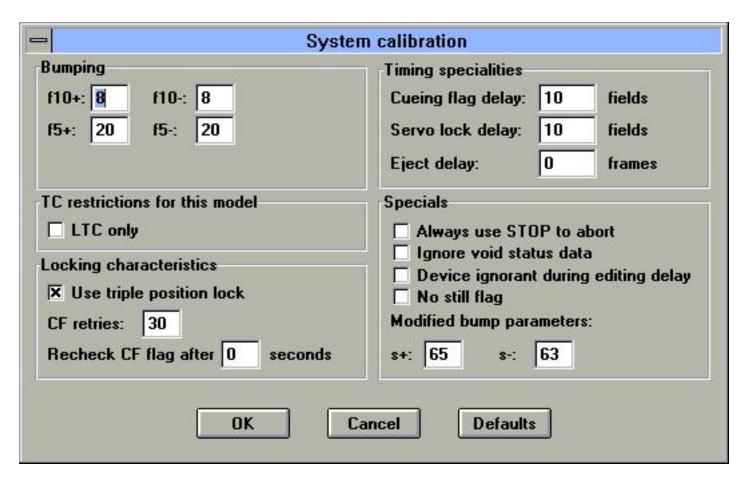
If using as Player, set Item nr. 6005 (FRAME SERVO) to 01-ON.

If using as Recorder, set Item nr. 6005 (FRAME SERVO) to 02-COLOUR FRAME.

EintragNr.	Eintrag	Einstellungen
1001	SYNC	00 NORMAL
2004	PB/EE SELECT	00 PB/EE
3006	AUDIO CH2	01 LTC
5002	DEVICE TYPE SELECT	00 OTHER TYPES

Standard Einstellungen für Treiber/ Default settings for driver:





13	fields
-	
7	sec
1	sec
er roll	
o missin deck)	g
el De	efaults
	er roll o missin deck)

- While the RESET button on the VCR is kept pressed during Play (CONTROL switch to REMOTE and DIAL MODE switch to SEARCH), you can see the VITC Position on VCR-Display and on screen (if ON SCREEN is enabled).
- For First edit and TC dub the software selector 7002 (TC MODE) must be set to 02-FREE RUN. Normaly the 7002 (TC MODE) is set to 00-REGEN.

- At the SYNC EXT setting in the Software Setup on the Device, the COLOUR FRAME function does not operate, and only frame is conducted.

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

PanasonicAG-7750E

Device Note 07.09.95

Тур:

System: S-VHS TV Standard: PAL Remote: RS 422

Treiber:

FreigabeDatum:

Hardware Setup am Gerät: / Hardware setup at machine Switches:

	Switch Name (wenn vorhanden)	Switch Position
At front	TC	REGEN
At front	VITC	ON
At front	Control	REMOTE

Kommentar:

Connectors:

	Connector Out (wenn vorhanden)	Connect to (In)
Backside	VM Ref or Composite Out	VTR Ref. In

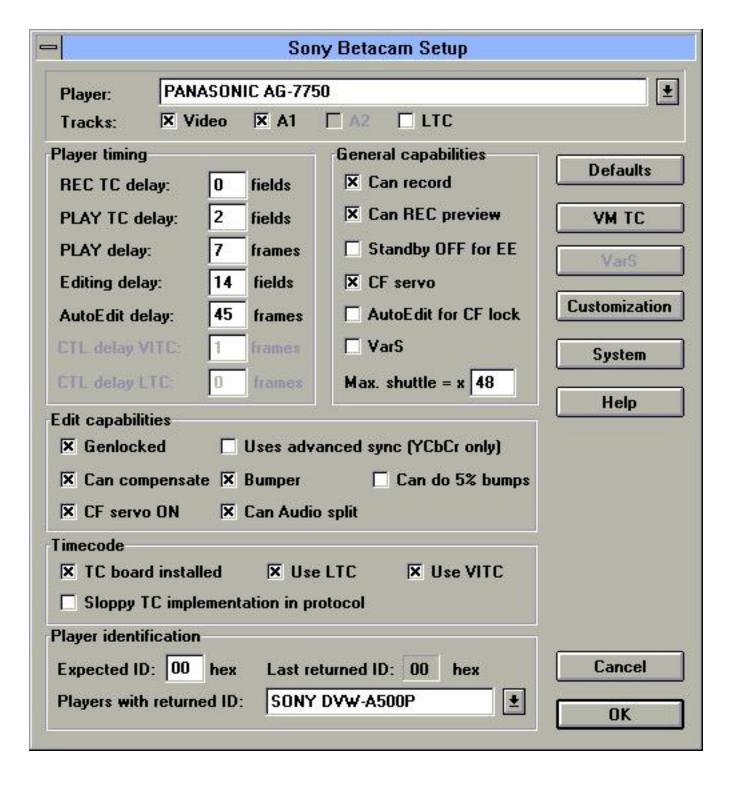
Kommentar:

Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

To return set-up items to the default (factory-set) settings, press the RESET button when the SETUP-MENU is indicated.

EintragNr.	Eintrag	Einstellungen
3003	Remote op.	9p
4004	FRAME SERVO	CF / als Rekorder
3002	9P DEVICE TYPE SELECT	OTHER TYPE 2
4004	FRAME SERVO	On (Player)

Standard Einstellungen für Treiber/ Default settings for driver:





Bumping f10+: 8	Timing specialities Cueing flag delay: Servo lock delay: Eject delay:	10 10 0	fields fields frames
TC restrictions for this model LTC only Locking characteristics Use triple position lock CF retries: 30 Recheck CF flag after 0 seconds	Specials Always use STO Ignore void state Device ignoran No still flag Modified bump para	tus data t during	a gediting delay

None

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

PanasonicAG-8600E

Device Note 27.11.95

Typ:

System: S-VHS TV Standard: PAL Remote: RS 422

Treiber:

FreigabeDatum:

Hardware Setup am Gerät: / Hardware setup at machine Switches:

	Switch Name (wenn vorhanden)	Switch Position
At front	TC	AUTO
At front	Control	REMOTE

Kommentar:

Connectors:

	Connector Out (wenn vorhanden)	Connect to (In)
Backside	VM Ref or Composite Out	VTR Ref. In

Kommentar:

Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

To return set-up items to the default (factory-set) settings, press the RESET under Counterdisplay button when the SETUP-MENU is indicated.

EintragNr.	Eintrag	Einstellungen
1001	SYNC	00 NORMAL
2004	PB/EE SELECT	00 PB/EE
3006	AUDIO CH2	00 LTC
5002	TYPE DEVICE SELECT	00 OTHER TYPES
6005	FRAME SERVO	01 ON

Standard Einstellungen für Treiber/ Default settings for driver:

-		Son	y Betacam Setup	
Player:	PANASON	IIC AG-860	OE	<u>+</u>
Tracks:	▼ Video	▼ A1	□ A2 □ LTC	
Player timing REC TC del	-	fields	General capabilities Can record	Defaults
PLAY TC de	elay: 0	fields	Can REC preview	VM TC
PLAY delay		frames fields	☐ Standby OFF for EE ☐ CF servo	VarS
AutoEdit de	elay: 0	frames	☐ AutoEdit for CF lock	Customization
CTL delay V		frames	☐ VarS	System
CTL delay L		frames	Max. shuttle = x 32	Help
Table 1		Bumper	anced sync (YCbCr only) Can do 5% bumps split	
Timecode				
▼ TC boar	d installed [C implemen	▼ Use tation in pr		
Player identil): 00 hex		turned ID: 00 hex	Cancel
Players with	returned ID	: 1		OK

Bumping	Timing specialities
f10+: 8 f10-: 8 f5+; 20 f5-: 20	Cueing flag delay: 10 fields Servo lock delay: 10 fields
TC restrictions for this model LTC only Locking characteristics Very Use triple position lock CF retries: 30 Recheck CF flag after 0 seconds	Specials Always use STOP to abort Ignore void status data Device ignorant during editing delay No still flag Modified bump parameters: s+: 65 s-: 63

-	C	Customi	zation	
Jog o	delay:		13	fields
Prero	oll time:		7	sec
Post	roll time	: :	1	sec
Пт	urbo Se	earch		
□ F	orce S1	OP after	roll	
		ef. video rted by d		g
		eset		

- While the RESET button on the VCR is kept pressed during Play (CONTROL switch to REMOTE and DIAL MODE switch to SEARCH), you can see the VITC Position on VCR-Display and on screen (if ON SCREEN is enabled).
- At the SYNC EXT setting, the COLOUR FRAME function does not operate, and only frame is conducted.

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

PanasonicAG-8700E

Device Note 21.11.95

Тур:

System: S-VHS TV Standard: PAL Remote: RS 422 Treiber: sonybc.vmp

FreigabeDatum: 24.04.96

Hardware Setup am Gerät: / Hardware setup at machine Switches:

	Switch Name (wenn vorhanden)	Switch Position
At front	TC	AUTO
At front	Control	REMOTE
At front	TBC	ON

Kommentar:

Connectors:

	Connector Out (wenn vorhanden)	Connect to (In)
Backside	VM Ref or Composite Out	VTR Ref. In

Kommentar:

Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

To return set-up items to the default (factory-set) settings, press the RESET under Counterdisplay button when the SETUP-MENU is indicated.

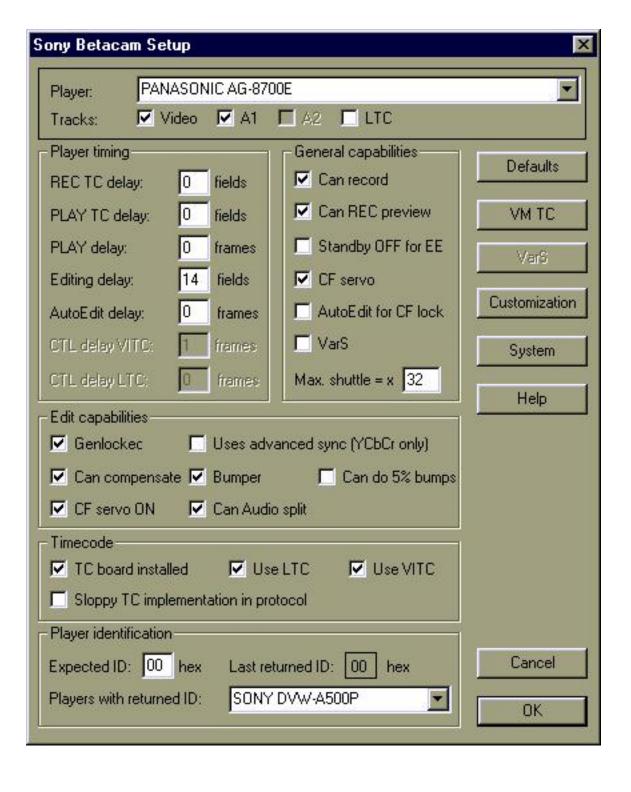
Item nr. 7004 and 7005 (VITC Position SEL-1 and SEL-2) must be set for Line 19 and 21.

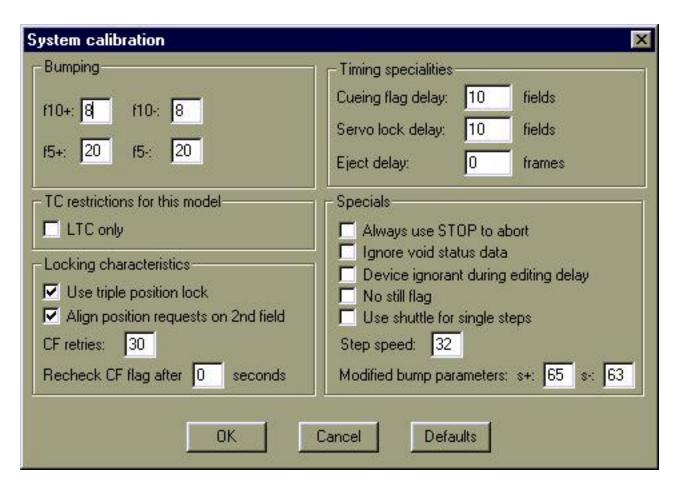
If using as Player, set Item nr. 6005 (FRAME SERVO) to 01-ON.

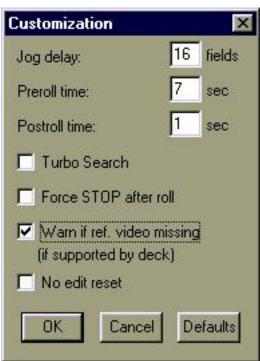
If using as Recorder, set Item nr. 6005 (RFAME SERVO) to 02-COLOUR FRAME.

EintragNr.	Eintrag	Einstellungen
1001	SYNC	EXT
2004	PB/EE SELECT	00 PB/EE
3006	AUDIO CH2	01 LTC
5002	DEVICE TYPE SELECT	00 OTHER TYPES

Standard Einstellungen für Treiber/ Default settings for driver:







- While the RESET button on the VCR is kept pressed during Play (CONTROL switch to REMOTE and DIAL MODE switch to SEARCH), you can see the VITC Position on VCR-Display and on screen (if ON SCREEN is enabled).
- For First edit and TC dub the software selector 7002 (TC MODE) must be set to 02-FREE RUN. Normaly the 7002 (TC MODE) is set to 00-REGEN.

- Although adjusting the jog delay in the Device Setup\Setup\Customization the jog is a little bit inaccurate.
- -The bad sync given from AG-8700E might give problems to VM Studio e.g. if you make a GOTO sometimes at the VM Output is shown only black. Jog 1 field forward and 1 field back and you will see the right position.
- On audio channel 1 and 2 you will have a bad audio out cut. This is depending on the device itself.
- If you want to record only on audio channel 2, you have to set in the menue of AG-8700 item 3005 CH1 REC to CH1 and item 3006 AUDIO CH2 to Audio.

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

PanasonicAJ-D350

Device Note 26.02.96

Тур:

System: D3

TV Standard: PAL Remote: RS 422

Treiber:

FreigabeDatum:

Thardware Setup am Gerät: / Hardware setup at machine

Switches: Kommentar:

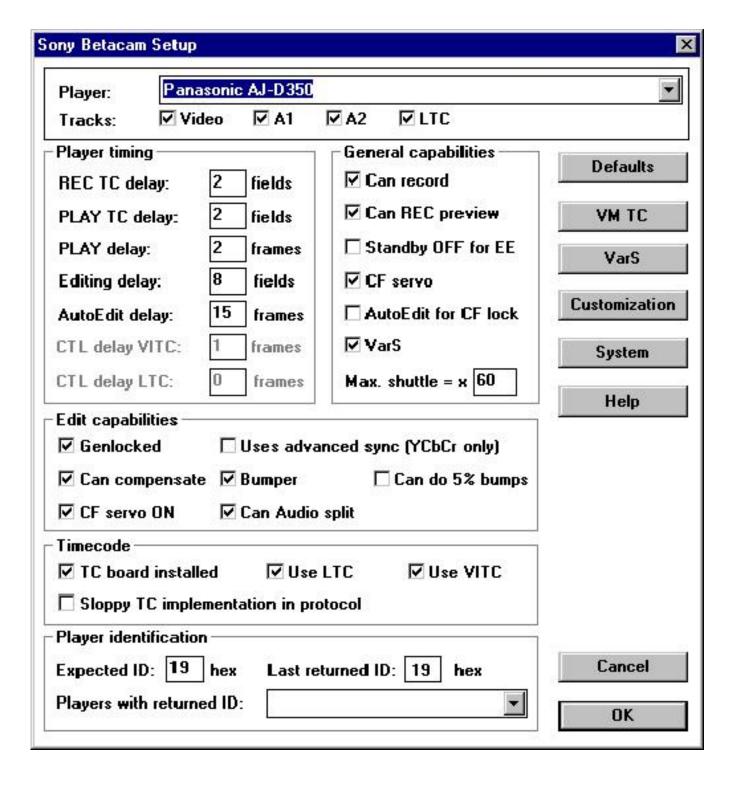
Connectors:

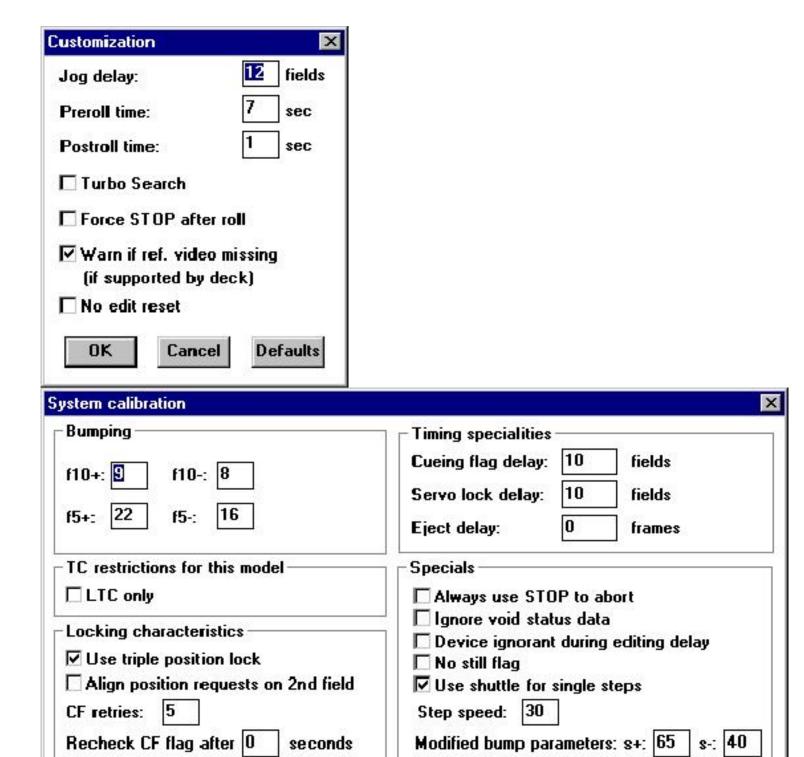
	Connector Out (wenn vorhanden)	Connect to (In)
Backside	VM Ref or Composite Out	VTR Ref. In

Kommentar:

Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

Standard Einstellungen für Treiber/ Default settings for driver:





Cancel

Defaults

OK

Var speed	VarS delay [fields]	D efaults
-1.0	18	8
-0.75	18	
-0.5	18	
-0.25	24	
0.0	24	
0.25	24	
0.5	24	
0.75	24	
1.0	22	
1.5	22	
2.0	24	
2.5	24	Cancel
3.0	24	OK

None

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR

THEIR OWN PERSONAL USE SO LONG A	S ALL COPYRIGHT NOTIC	ES AND THIS DISCI	LAIMER IS
REPRODUCED ON SUCH COPY.			

PanasonicAJ-<u>D580</u>

Device Note 06.03.96

Тур:

System: D5

TV Standard: PAL Remote: RS 422 Treiber: sonybc.vmp FreigabeDatum:

Thardware Setup am Gerät: / Hardware setup at machine

Switches: Kommentar:

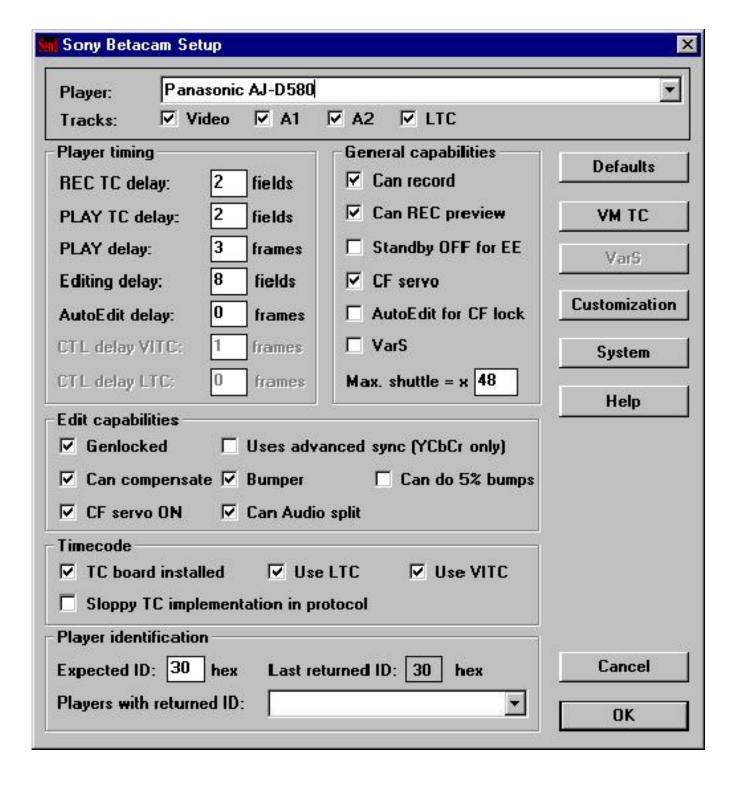
Connectors:

	Connector Out (wenn vorhanden)	Connect to (In)
Backside	VM Ref or Composite Out	VTR Ref. In

Kommentar:

Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

Standard Einstellungen für Treiber/ Default settings for driver:





Bumping	Timing specialities	
f10+: 10 f10-: 10 f5+: 20 f5-: 20	Cueing flag delay: 10 fields Servo lock delay: 10 fields Eject delay: 0 frames	
TC restrictions for this model □ LTC only Locking characteristics □ Use triple position lock □ Align position requests on 2nd field CF retries: 7 Recheck CF flag after 0 seconds	Specials Always use STOP to abort Ignore void status data Device ignorant during editing delay No still flag Use shuttle for single steps Step speed: 32 Modified bump parameters: s+: 65 s-: 63	

None

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

PanasonicAJ-D650

Device Note 04.06.97

Typ:

System: DVC PRO TV Standard: PAL Remote: RS 422

Treiber: SONYBC.VMP FreigabeDatum: 04.06.97

Hardware Setup am Gerät: / Hardware setup at machine Switches:

	Switch Name (wenn vorhanden)	Switch Position
At front	TC	INT
At front	VIDEO IN	ANALOG
At front	MUSIC IN	ANALOG
At front		REMOTE

Kommentar:

Connectors:

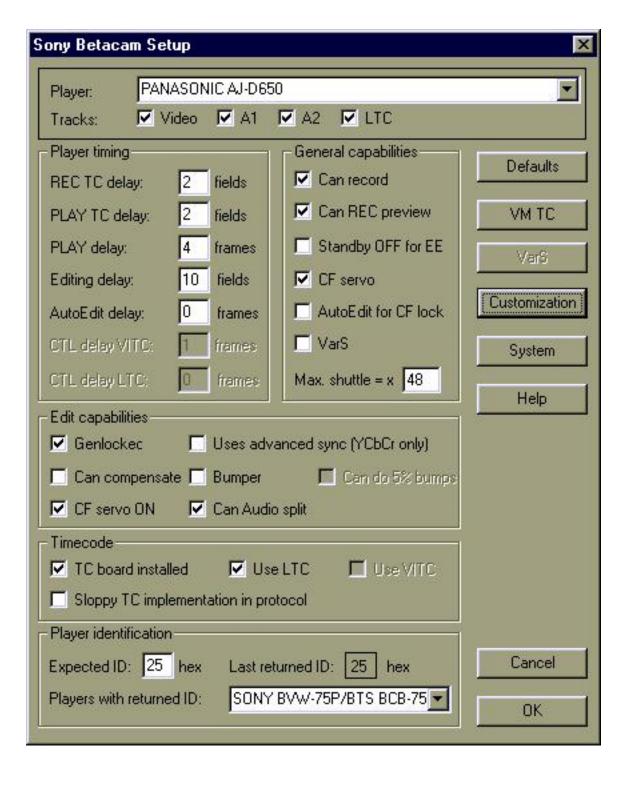
	Connector Out (wenn vorhanden)	Connect to (In)
Backside	VM Ref or Composite Out	VTR Ref. In

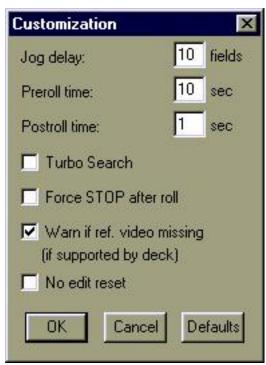
Kommentar:

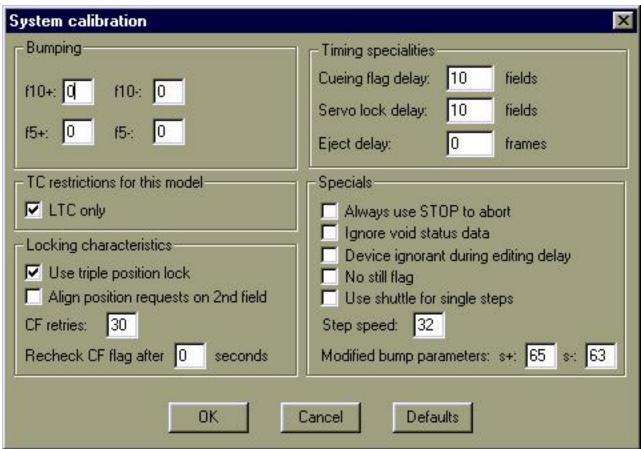
Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

To return set-up items to the default (factory-set) settings, press the RESET button when the SETUP-MENU is indicated.

If you want to use DV cassetts you have to set item number 108 to DV







Tips und Tricks/ Trouble shooting:

None

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

PanasonicAJ-D750

Device Note 28.10.96

Typ:

System: DVCPRO TV Standard: PAL Remote: RS 422

Treiber: sony.vmp date 24.04.96

FreigabeDatum:

Thardware Setup am Gerät: / Hardware setup at machine Switches:

Ort	Switch Name (wenn vorhanden)	Switch Position
At front	Control Remote	REMOTE
At front	TC	INT
Under front hidden	TC	REGEN
Under front hidden	TC	REC RUN
Under front hidden	CF	2FD Player, 4FD or 8FD Recorder
Under front hidden	SYNCRONIZE	ON

Kommentar:

Connectors:

	Connector Out (wenn vorhanden)	Connect to (In)
Backside	VM Ref or Composite Out	VTR Ref. In

Kommentar: Pay attention that "SCH" lamp is aktive, otherwise you have a bad ref. signal. To avoid this connect VM Ref Out directly to VTR Ref. In

Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

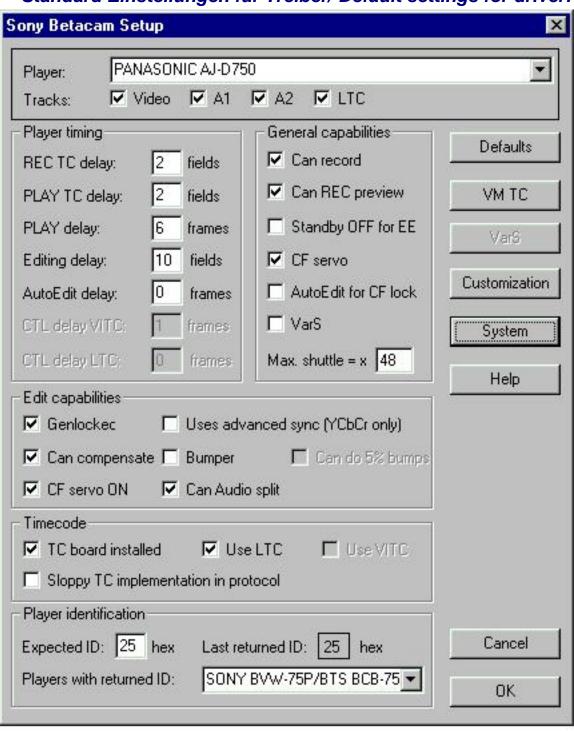
To return set-up items to the default (factory-set) settings, press the RESET button when the SETUP-MENU is indicated.

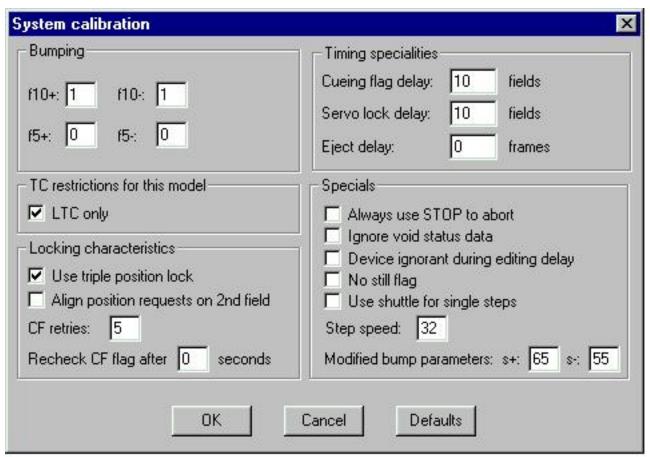
104 REF ALARM ON

106 PLAY DELAY 0 308 CONFI EDIT ON	TOTINE THE TIME OF
308 CONFI EDIT ON	106 PLAY DELAY 0
	308 CONFI EDIT ON

EintragNr.	Eintrag	Einstellungen
0	PREROLL TIME	5 sec
107	CAP. LOCK	8 FIELD (RECORDER)
202	ID SEL	OTHER

304	SERVO REF	EXT
508	TCG CF FLAG	ON







Tips und Tricks/ Trouble shooting:

- VTR is not able to read and generate VITC, only LTC is supported!
- VAR Speed is not supported

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

PanasonicAU-65H

Device Note 06.09.95

Тур:

System: MII

TV Standard: PAL Remote: RS 422

Treiber:

FreigabeDatum:

Thardware Setup am Gerät: / Hardware setup at machine

Switches: Kommentar:

Connectors:

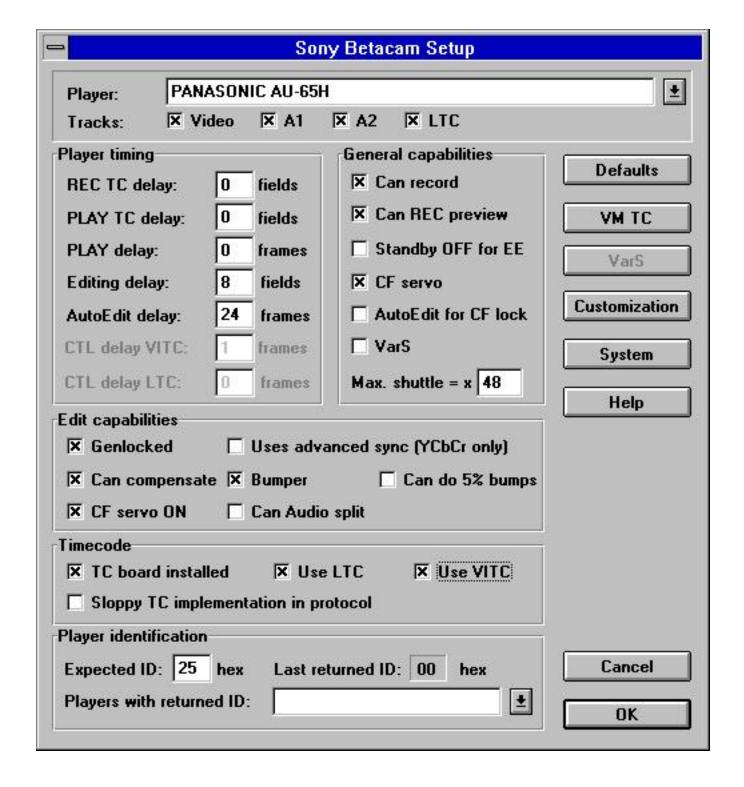
Kommentar:

Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

To return set-up items to the default (factory-set) settings, press the RESET button when the SETUP-MENU is indicated.

EintragNr.	Eintrag	Einstellungen
4002	EDIT FIELD SELECT	ODD

Standard Einstellungen für Treiber/ Default settings for driver:



Tips und Tricks/ Trouble shooting:

Choose GENLOCKED, if the device is genlocked with an external sync signal. and chooseTC board available, if there is a TC board installed.

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING,

WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

PanasonicAU-W35R

Device Note 19.11.96

Тур:

System: MII

TV Standard: PAL Remote: RS 422

Treiber: SONYBC.VMP FreigabeDatum: 19.11.96

Hardware Setup am Gerät: / Hardware setup at machine Switches:

Ort	Switch Name (wenn vorhanden)	Switch Position
Under front hidden	SYNC SELECT	EXT
Under front hidden	CF	2FD (Player), 8FD (Recorder)
Under front hidden	Play Delay	0
Under front hidden	Synchronize	ON

Kommentar:

Connectors:

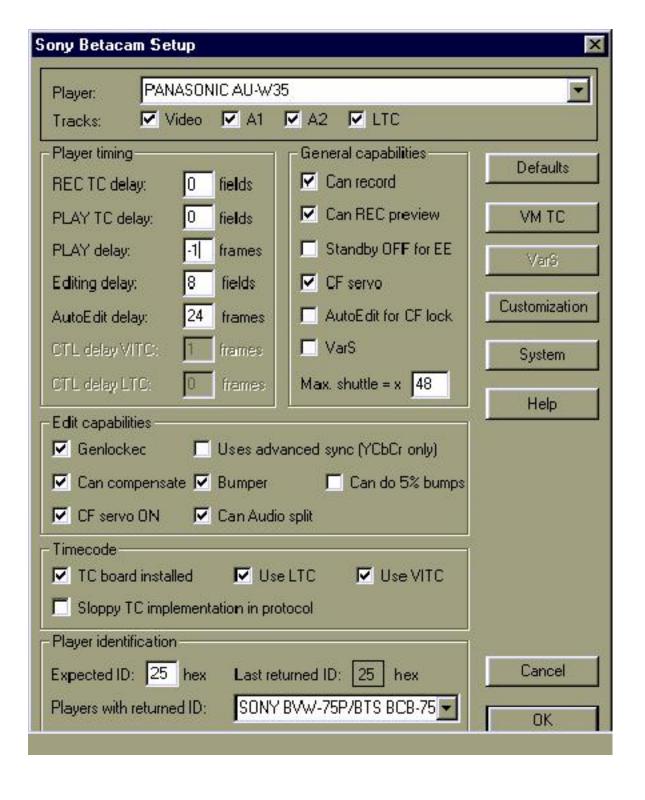
	Connector Out (wenn vorhanden)	Connect to (In)
Backside	VM Ref or Composite Out	VTR Ref. In

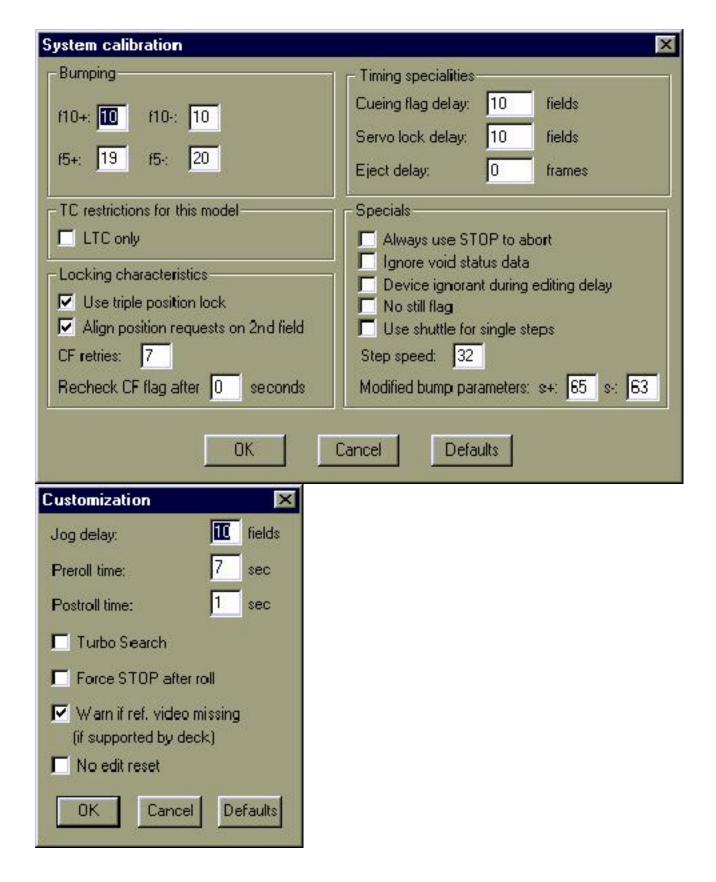
Kommentar:

Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

To return set-up items to the default (factory-set) settings, press the RESET button when the SETUP-MENU is indicated.

EintragNr.	Eintrag	Einstellungen
3004	9P DEVICE TYPE SELECT	OTHER TYPE 2





Tips und Tricks/ Trouble shooting:

Be sure, that the REF SCH Led is on. If not, trimm the Tools/Output Setup/Encoder/H fsc Phase.

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

PanasonicNV-F 77EG

Device Note 07.09.95

Typ:

System: S-VHS TV Standard: PAL Remote: Edit-Control

Treiber:

FreigabeDatum:

Hardware Setup am Gerät: / Hardware setup at machine

Switches: Kommentar:

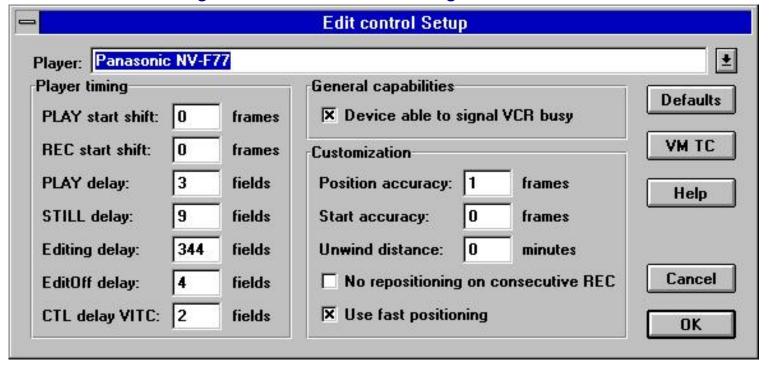
Connectors:

Kommentar:

Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

To return set-up items to the default (factory-set) settings, press the RESET button when the SETUP-MENU is indicated.

Standard Einstellungen für Treiber/ Default settings for driver:



Tips und Tricks/ Trouble shooting:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

PanasonicNV-FS 200

Device Note 07.09.95

Typ:

System: S-VHS TV Standard: PAL Remote: Edit-Control

Treiber:

FreigabeDatum:

Hardware Setup am Gerät: / Hardware setup at machine

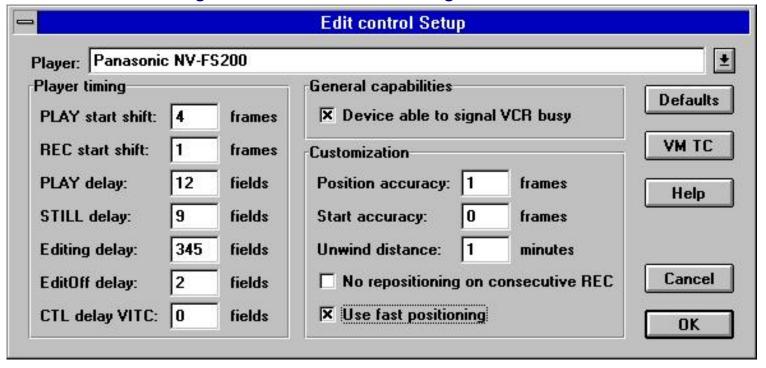
Switches: Kommentar:

Connectors:

Kommentar:

Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

To return set-up items to the default (factory-set) settings, press the RESET button when the SETUP-MENU is indicated.



Tips und Tricks/ Trouble shooting:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

PanasonicNV-FS 200 PC

Device Note 04.09.95

Typ:

System: S-VHS, VHS TV Standard: PAL Remote: RS 232

Treiber:

FreigabeDatum:

Hardware Setup am Gerät: / Hardware setup at machine Switches:

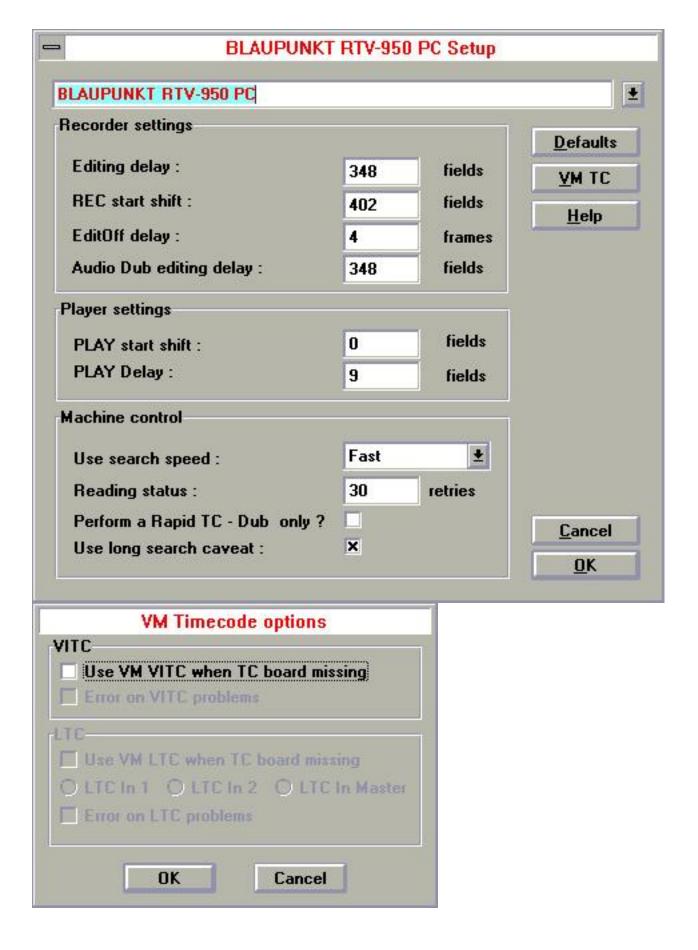
	Switch Name (wenn vorhanden)	Switch Position
Under front hidden	INPUT SELECT	A4

Kommentar:

Connectors:

Kommentar:

Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:



Tips und Tricks/ Trouble shooting:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

PanasonicNV-FS 88EG

Device Note 07.09.95

Typ:

System: S-VHS TV Standard: PAL Remote: Edit-Control

Treiber:

FreigabeDatum:

Hardware Setup am Gerät: / Hardware setup at machine

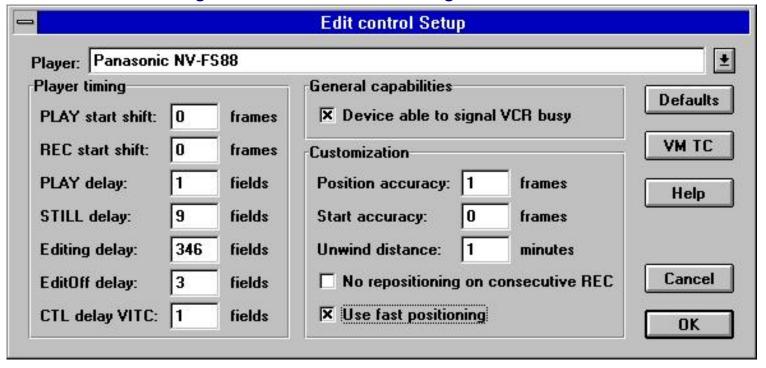
Switches: Kommentar:

Connectors:

Kommentar:

Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

To return set-up items to the default (factory-set) settings, press the RESET button when the SETUP-MENU is indicated.



Tips und Tricks/ Trouble shooting:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

PanasonicNV-FS 90

Device Note 07.09.95

Typ:

System: S-VHS TV Standard: PAL Remote: Edit-Control

Treiber:

FreigabeDatum:

Hardware Setup am Gerät: / Hardware setup at machine

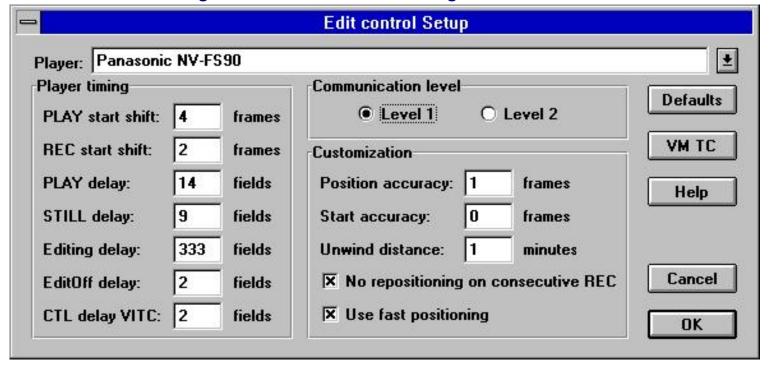
Switches: Kommentar:

Connectors:

Kommentar:

Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

To return set-up items to the default (factory-set) settings, press the RESET button when the SETUP-MENU is indicated.



Tips und Tricks/ Trouble shooting:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

Video Machine - Device Notes

8 NV-FS 90 NV-HS 1000 8 NV-HS 800 NV-HS900 8 NV-MS 4E NV-MS 90 8 <u>NV-MS95</u> NV-S 8E 8 NV-V 8000EG ▶ RICOH Sanyo Sony **Tektronix** Previous Page | Next Page ▶

[

Blaupunkt Canon JVC Mitsubishi Otari Panasonic RICOH Sanyo Sony Tektronix

Previous Page | Next Page ▶

Video Machine - Device Notes

]

RICOH R-18H Device Note 06.09.95

Тур:

System: Hi8

TV Standard: NTSC Remote: LAN-C/Control L

Treiber:

FreigabeDatum:

Hardware Setup am Gerät: / Hardware setup at machine

Switches: Kommentar:

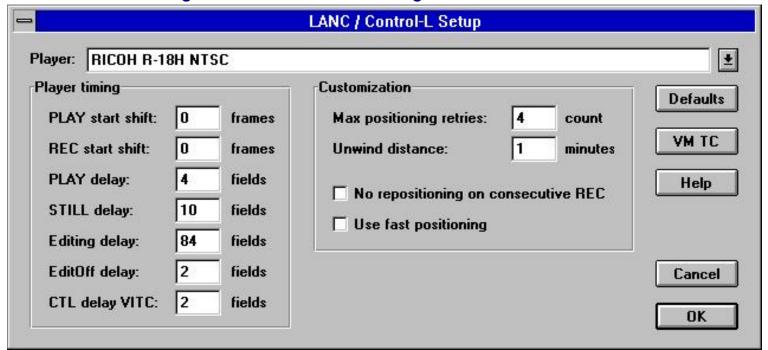
Connectors:

Kommentar:

Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

To return set-up items to the default (factory-set) settings, press the RESET button when the SETUP-MENU is indicated.

Standard Einstellungen für Treiber/ Default settings for driver:



Tips und Tricks/ Trouble shooting:

- *OEM model, compatible to Sony CCC TR-101
- ** Work with LANC.VMP driver edit level 2.0
- * TC switch at menu to "counter"
- * Machine only godd as player, since you have to choose Video-input OR output!!!

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

▶ Tektronix [Previous Page | Next P

Video Machine - Device Notes

Blaupunkt Canon JVC Mitsubishi Otari Panasonic RICOH Sanyo Sony Tektronix

Previous Page | Next Page ▶

Video Machine - Device Notes

]

Sanyo GVR-S955

Device Note 06.09.95

Typ:

System: S-VHS / VHS TV Standard: PAL Remote: RS 422

Treiber:

FreigabeDatum:

Hardware Setup am Gerät: / Hardware setup at machine Switches:

Ort	Switch Name (wenn vorhanden)	Switch Position
At front	SYNC SELECT	EDIT (RECORDER)
Backside	Audio CH2 select	Timecode

Kommentar:

Connectors:

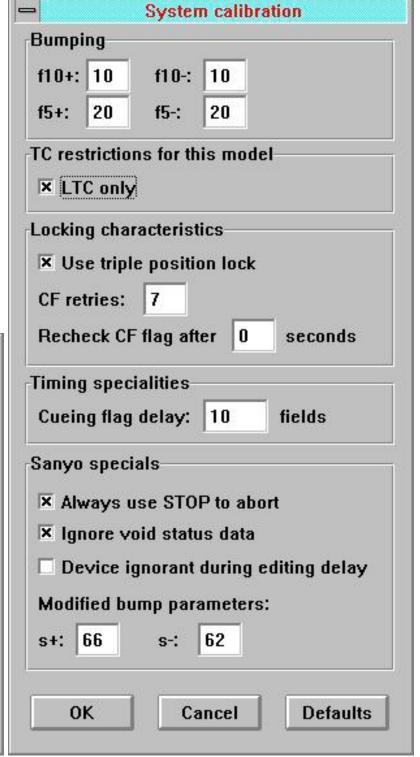
	Connector Out (wenn vorhanden)	Connect to (In)
Backside	Ref video	Ref-out or Composite out

Kommentar:

Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

To return set-up items to the default (factory-set) settings, press the RESET button when the SETUP-MENU is indicated.

			So	ny Betacam Setup		
Player:	SANYO GVR-S955					
Tracks:	× Vid	eo	∝ A1	□ A2 □ LTC	-	
Player timing		9.0		General capabilities	Defaults	
REC TC dela	y:	0	fields	ズ Can record	Defaults	
PLAY TC del	ay:	0	fields	ズ Can REC preview	VM TC	
PLAY delay:		2	frames	☐ Standby OFF for EE	VarS	
Editing delay	<i>j</i> :	12	fields	☐ CF servo		
AutoEdit dela	ay:	45	frames	☐ AutoEdit for CF lock	Customization	
CTL delay VI	TC:	1	frames	□ VarS	System	
CTL delay LT	C:	0.	frames	Max. shuttle = x 16	Help	
Edit capabiliti	Edit capabilities					
▼ Genlocke	d		Uses adva	anced sync (YCbCr only)		
▼ Can compensate ▼ Bumper						
☐ CF serve ON ☐ Can Audio split						
Timecode	Timecode					
▼ TC board installed ▼ Use LTC □ Use VITC						
☐ Sloppy TO	imple	ment	ation in pr	otocol		
Player identifi	ication			,, <u>,</u>		
Expected ID: 80 hex Last returned ID: 00 hex					Cancel	
Players with returned ID:				ОК		





Tips und Tricks/ Trouble shooting:

None

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S

CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

Sanyo GVR-S960

Device Note 02.11.95

Тур:

System: S-VHS TV Standard: PAL Remote: RS 422

Treiber:

FreigabeDatum:

Hardware Setup am Gerät: / Hardware setup at machine Switches:

Ort	Switch Name (wenn vorhanden)	Switch Position
At front	SYNC SELECT	EDIT
At front	TC	AUTO
At front	Frame servo	2FD (Player), 4FD (Recorder)
At front	Control	REMOTE
At front	TBC	OFF
At front	Input Select	Composite

Kommentar: all these settings have to be applied as player too

Connectors:

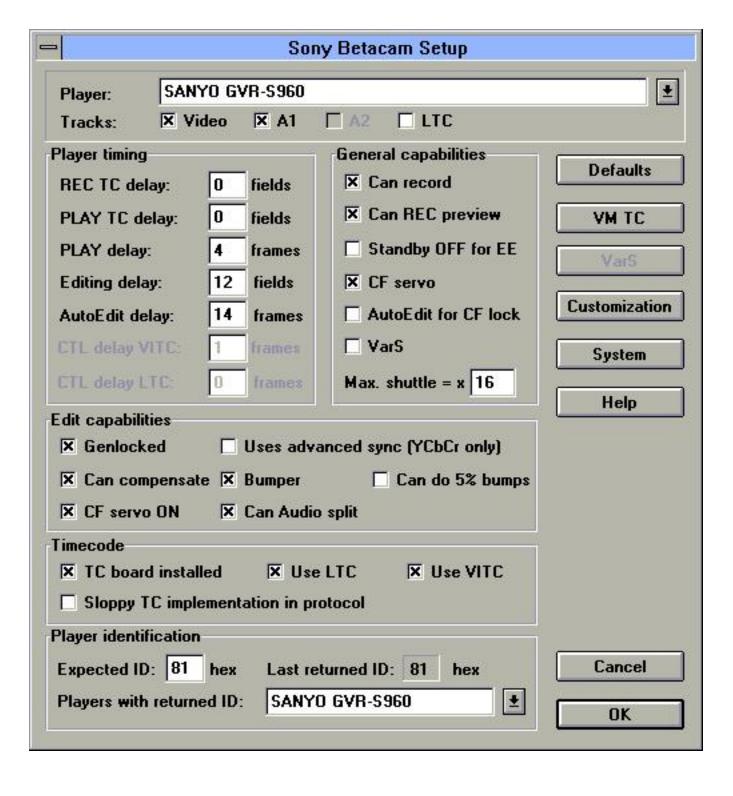
	Connector Out (wenn vorhanden)	Connect to (In)
Backside	VM Ref or Composite Out	VTR Sync In
Backside	VTR LTC Out	VM LTC In

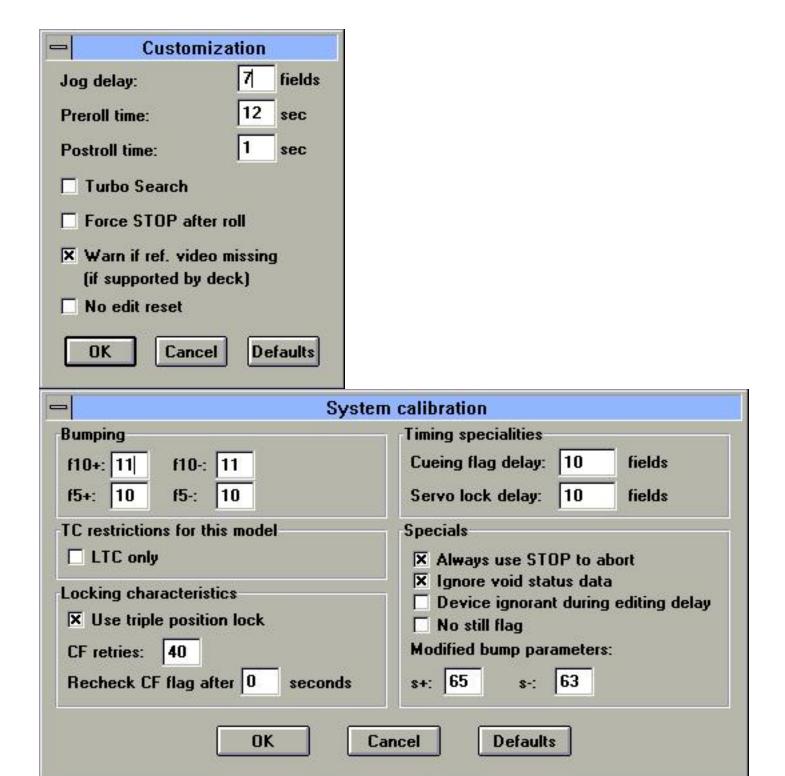
Kommentar:

Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

To return set-up items to the default (factory-set) settings, press the RESET button when the SETUP-MENU is indicated.

Standard Einstellungen für Treiber/ Default settings for driver:





Tips und Tricks/ Trouble shooting:

If Sanyo GVR-S960 is used as recorder preroll time has to be 12seconds.

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING,

WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

Video Machine - Device Notes

Blaupunkt Canon JVC Mitsubishi Otari Panasonic RICOH Sanyo Sony Tektronix

Previous Page | Next Page ▶

Video Machine - Device Notes

]

Sony BVU-870P

Device Note 07.09.95

Typ:

System: U-matic HB TV Standard: PAL Remote: RS 422

Treiber:

FreigabeDatum:

Hardware Setup am Gerät: / Hardware setup at machine

Switches: Kommentar:

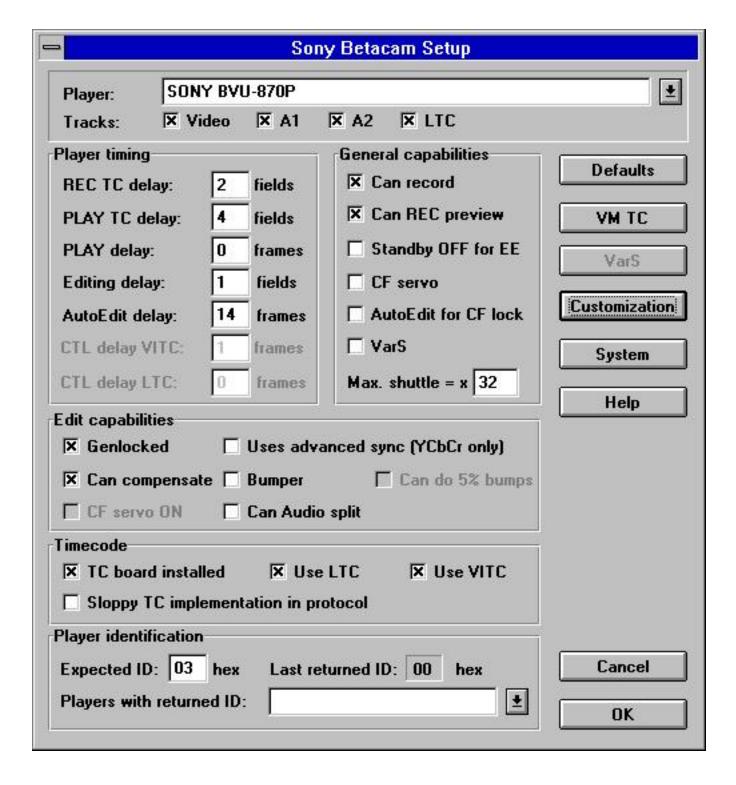
Connectors:

Kommentar:

Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

To return set-up items to the default (factory-set) settings, press the RESET button when the SETUP-MENU is indicated.

Standard Einstellungen für Treiber/ Default settings for driver:



Tips und Tricks/ Trouble shooting:

Achtung:

Colorframing nur mit entsprechender HW.

Gerät kann nicht bumpen -

Bei Preview in Clip Editor oder Timeline Err 74

Wenn Bumper / Cann compensate / Cann do 5%bumps angeklickt -> err 74

*also: nicht als Player volltauglich.

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

Sony BVW-15P

Device Note 04.09.95

Typ:

System: Betacam TV Standard: PAL Remote: RS 422

Treiber:

FreigabeDatum:

Hardware Setup am Gerät: / Hardware setup at machine Switches:

	Switch Name (wenn vorhanden)	Switch Position
At front	REMOTE	9P
Under front hidden	CAPSTAN LOCK	2FD

Kommentar:

Connectors:

	Connector Out (wenn vorhanden)	Connect to (In)
Backside	VM Ref or Composite Out	VTR Ref. In

Kommentar:

Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

Standard Einstellungen für Treiber/ Default settings for driver:

-		Son	y Betacam Setup	
Player:	SONY BV	₩-15P		<u>*</u>
Tracks:	▼ Video	▼ A1	▼ A2 ▼ LTC	
Player timing REC TC de PLAY TC d PLAY delay Editing delay	elay: 2 elay: 4 y: 7 ay: 5 elay: 14	fields fields frames fields frames	General capabilities Can record Can REC preview Standby OFF for EE CF servo AutoEdit for CF lock	VM TC VarS Customization
CTL delay I		frames	Max. shuttle = x 48	System
Edit capabili Genlock Can cor	ked [anced sync (YCbCr only) Can do 5% bumps split	
Timecode TC boar Sloppy	d installed TC implemen	▼ Use		
Player identi Expected II Players with			turned ID: 42 hex	Cancel

	- System Cambradium		
	Bumping f10+: 10 f10-: 12 f5+: 20 f5-: 20		
	TC restrictions for this model LTC only		
ustomization	Locking characteristics IX Use triple position lock CF retries: 7 Recheck CF flag after 0 seconds		
10 fields	Timing specialities Cueing flag delay: 10 fields		
arch OP after roll of. video missing sed by deck)	Sanyo specials Always use STOP to abort Ignore void status data Device ignorant during editing delay Modified bump parameters: s+: 65 s-: 63		
Cancel Defaults	OK Cancel Defaults		

Tips und Tricks/ Trouble shooting:

Disclaimer:

Jog delay:

Preroll time:

Postroll time:

Turbo Sea

Force ST

X Warn if re

No edit re

OK

(if support

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION

PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

Sony BVW-40P

Device Note 06.09.95

Тур:

System: Betacam TV Standard: PAL Remote: RS 422

Treiber:

FreigabeDatum:

Hardware Setup am Gerät: / Hardware setup at machine Switches:

Ort	Switch Name (wenn vorhanden)	Switch Position
At front	MODE	(Recorder) edit
Backside	SYNC SELECT	EXT

Kommentar:

Connectors:

	Connector Out (wenn vorhanden)	Connect to (In)
Backside	Ref in	VM composite out or

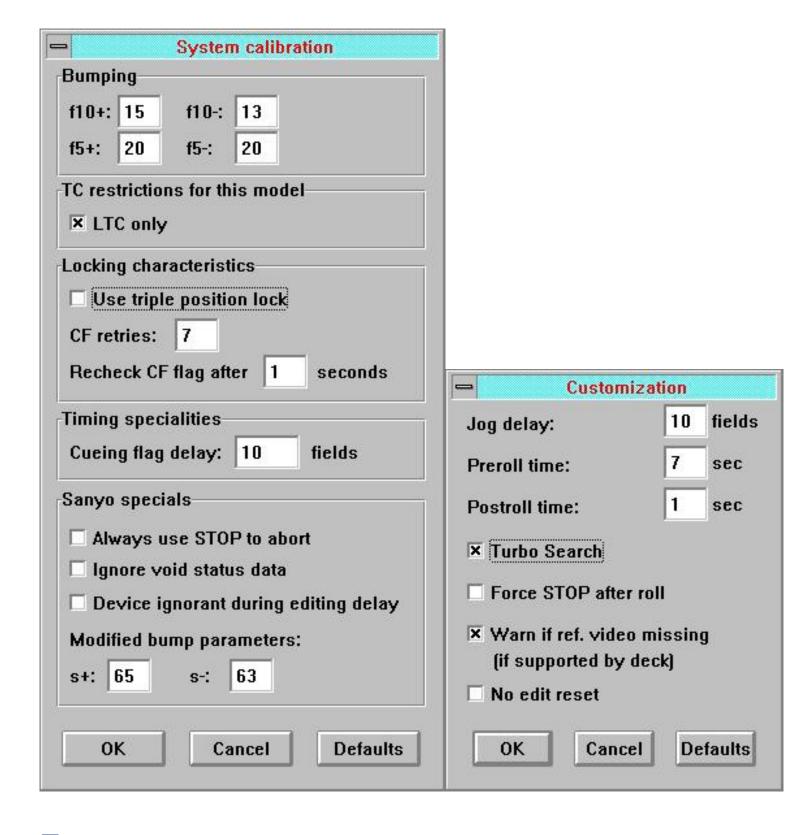
Kommentar:

Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

To return set-up items to the default (factory-set) settings, press the RESET button when the SETUP-MENU is indicated.

Standard Einstellungen für Treiber/ Default settings for driver:

=		So	ny Betacam Setup	
Player:	SONY BY	W-40P		<u>+</u>
Tracks:	▼ Video	⋉ А1		
Player timing			General capabilities	
REC TC dela	y: 2	fields	▼ Can record	Defaults
PLAY TC del	ay: -2	fields	▼ Can REC preview	VM TC
PLAY delay:	2	frames	Standby OFF for EE	VarS
Editing delay	<i>y</i> : 3	fields	区F servo	,,,,,,
AutoEdit dela	ıy: 0	frames	AutoEdit for CF lock	Customization
CTL delay VI	TC: 1	frames	☐ VarS	System
CTL delay LT	C: 0	frames	Max. shuttle = x 48	
Edit capabiliti	es			Help
▼ Genlocke	i [Uses adva	anced sync (YCbCr only)	
ズ Can comp	ensate 🗆	Bumper	☐ Can do 5% bumps	
▼ CF servo	ON 🗆	Can Audio	split	
Timecode				
▼ TC board	installed	▼ Use	LTC Use VITC	
☐ Sloppy TO	implemer	itation in pr	otocol	
Player identifi	cation			
Expected ID:	01 hex	Last re	turned ID: 00 hex	Cancel
Players with	returned II): JVC BI	R-S810E/U/SA-F911E	ок



Tips und Tricks/ Trouble shooting:

The machine can't read VITC when using VM VITC. Switch the TBC control selector to bypass.

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S

CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

Sony BVW-60P

Device Note 07.09.95

Typ:

System: Betacam SP TV Standard: PAL Remote: RS 422

Treiber:

FreigabeDatum:

Thardware Setup am Gerät: / Hardware setup at machine

Switches: Kommentar:

Connectors:

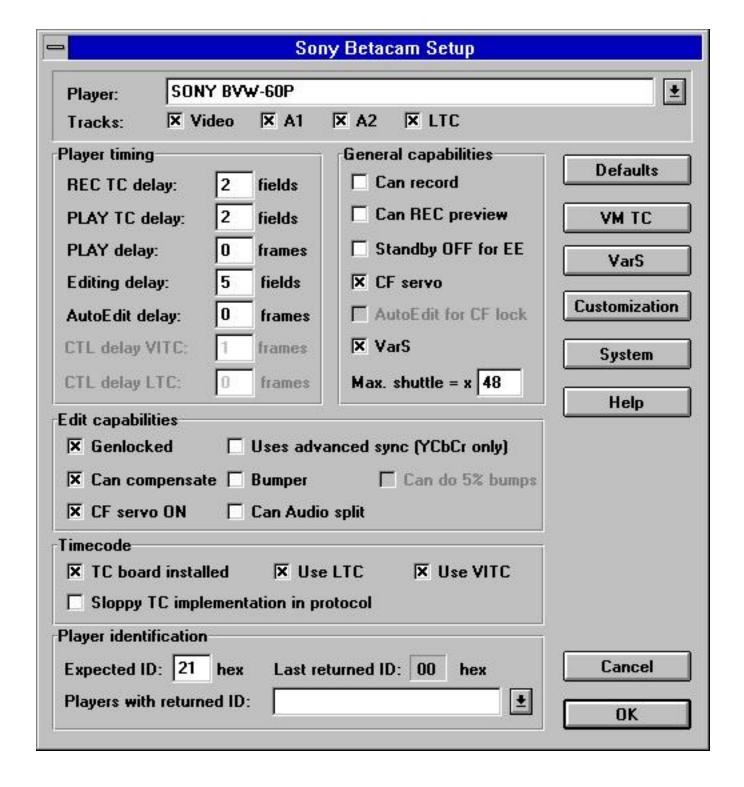
Kommentar:

Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

To return set-up items to the default (factory-set) settings, press the RESET button when the SETUP-MENU is indicated.

EintragNr.	Eintrag	Einstellungen
401		After Cue Still

Standard Einstellungen für Treiber/ Default settings for driver:



Tips und Tricks/ Trouble shooting:

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A

PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

Sony BVW-65P

Device Note 07.09.95

Typ:

System: Betacam SP TV Standard: PAL Remote: RS 422

Treiber:

FreigabeDatum:

▼ Hardware Setup am Gerät: / Hardware setup at machine

Switches: Kommentar:

Connectors:

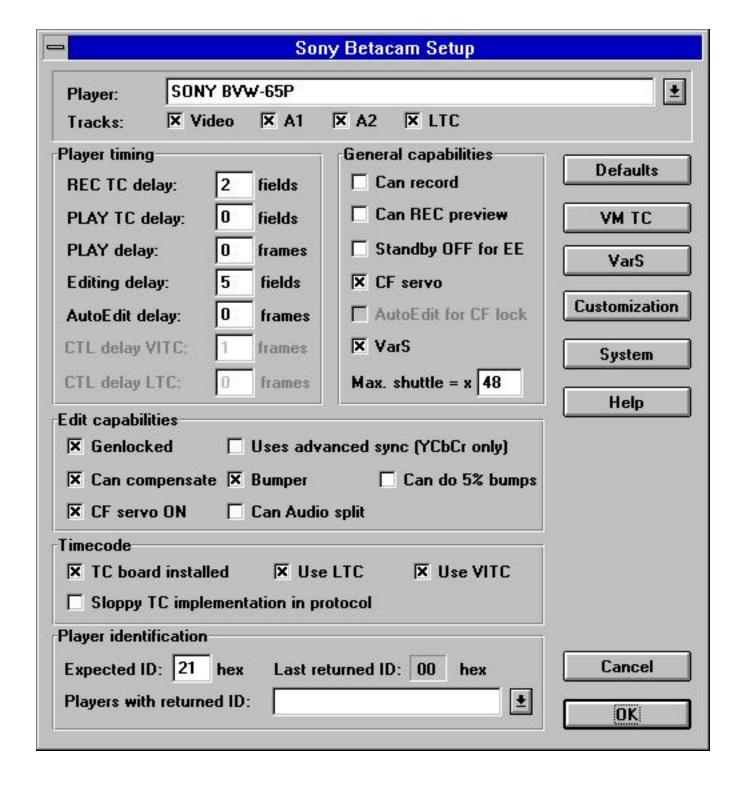
Kommentar:

Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

To return set-up items to the default (factory-set) settings, press the RESET button when the SETUP-MENU is indicated.

EintragNr.	Eintrag	Einstellungen
401		After Cue Still

Standard Einstellungen für Treiber/ Default settings for driver:



Tips und Tricks/ Trouble shooting:

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A

PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

Sony BVW-70P

Device Note 07.09.95

Typ:

System: Betacam SP TV Standard: PAL Remote: RS 422

Treiber:

FreigabeDatum:

Thardware Setup am Gerät: / Hardware setup at machine

Switches: Kommentar:

Connectors:

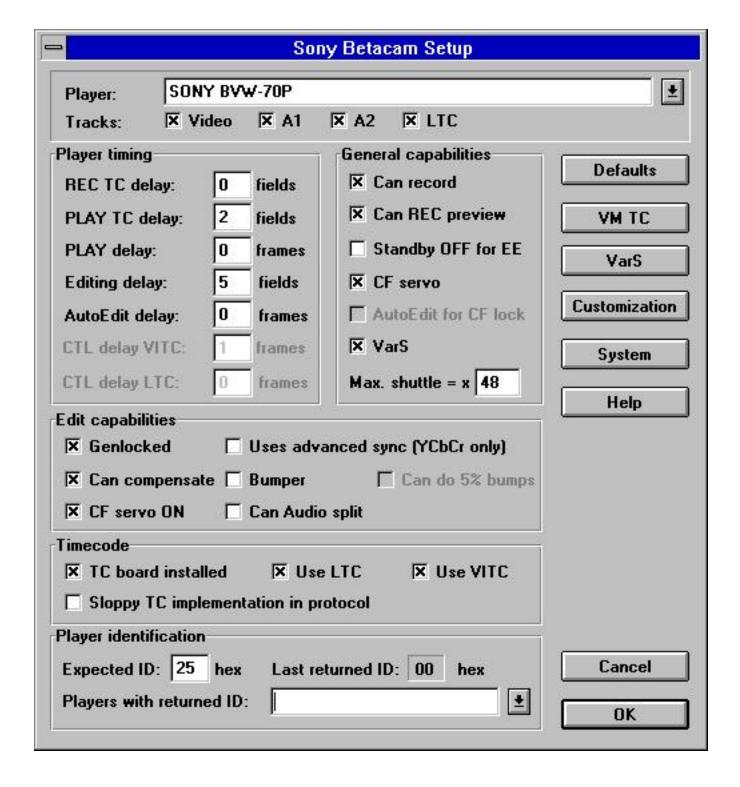
Kommentar:

Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

To return set-up items to the default (factory-set) settings, press the RESET button when the SETUP-MENU is indicated.

EintragNr.	Eintrag	Einstellungen
401		After Cue - still

Standard Einstellungen für Treiber/ Default settings for driver:



Tips und Tricks/ Trouble shooting:

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A

PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

Sony BVW-75P

Device Note 06.09.95

Typ:

System: Betacam SP TV Standard: PAL Remote: RS 422

Treiber:

FreigabeDatum:

Thardware Setup am Gerät: / Hardware setup at machine

Switches: Kommentar:

Connectors:

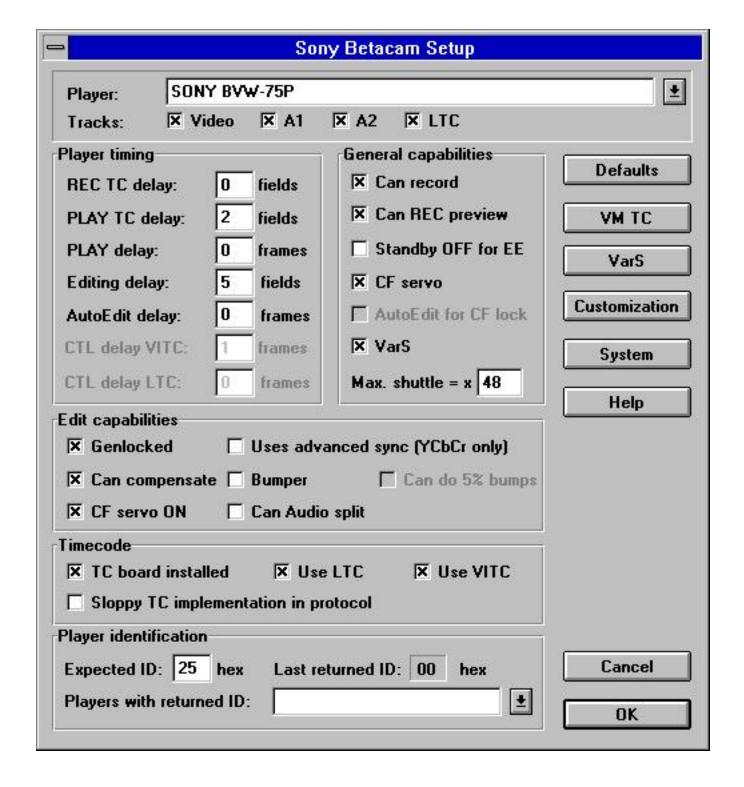
Kommentar:

Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

To return set-up items to the default (factory-set) settings, press the RESET button when the SETUP-MENU is indicated.

EintragNr.	Eintrag	Einstellungen
401		After Cue - still

Standard Einstellungen für Treiber/ Default settings for driver:



Tips und Tricks/ Trouble shooting:

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A

PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

Sony BVW-95P

Device Note 07.09.95

Typ:

System: Betacam SP TV Standard: PAL Remote: RS 422

Treiber:

FreigabeDatum:

Thardware Setup am Gerät: / Hardware setup at machine

Switches: Kommentar:

Connectors:

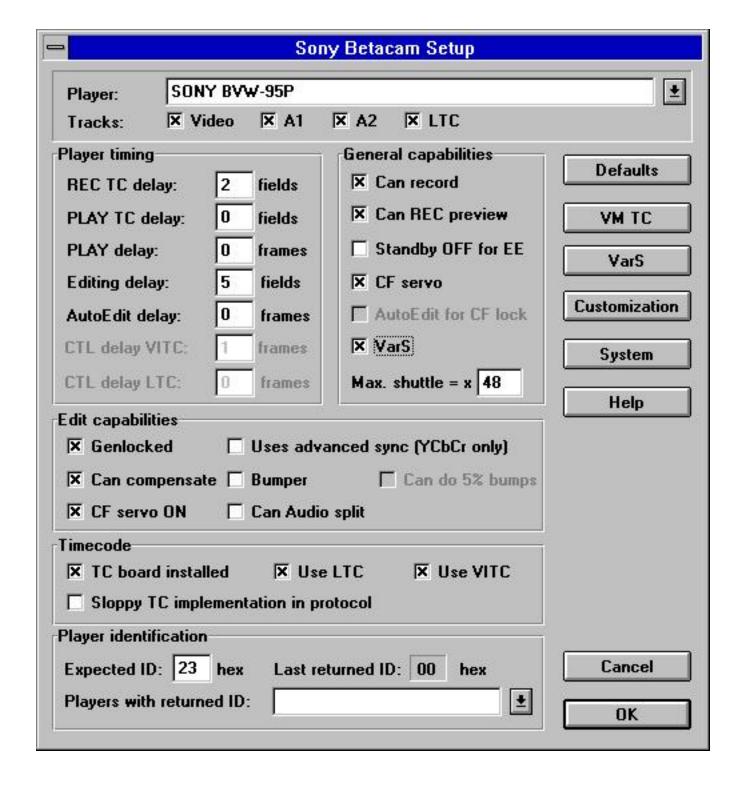
Kommentar:

Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

To return set-up items to the default (factory-set) settings, press the RESET button when the SETUP-MENU is indicated.

EintragNr.	Eintrag	Einstellungen
401		After Cue - Still

Standard Einstellungen für Treiber/ Default settings for driver:



Tips und Tricks/ Trouble shooting:

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A

PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

Sony BVW-96P

Device Note 07.09.95

Typ:

System: Betacam SP TV Standard: PAL Remote: RS 422

Treiber:

FreigabeDatum:

Thardware Setup am Gerät: / Hardware setup at machine

Switches: Kommentar:

Connectors:

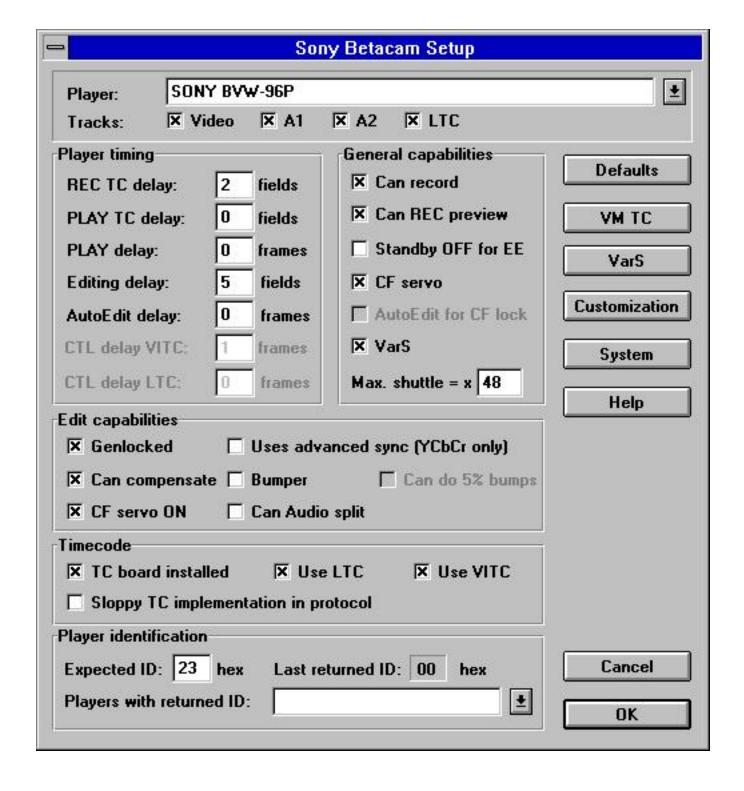
Kommentar:

Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

To return set-up items to the default (factory-set) settings, press the RESET button when the SETUP-MENU is indicated.

EintragNr.	Eintrag	Einstellungen
401		After Cue - Still

Standard Einstellungen für Treiber/ Default settings for driver:



Tips und Tricks/ Trouble shooting:

None

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A

PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

Sony CCD-FX 400E Device Note 07.09.95

Тур:

System: Video8
TV Standard: PAL
Remote: Edit-Control

Treiber:

FreigabeDatum:

THardware Setup am Gerät: / Hardware setup at machine

Switches: Kommentar:

Connectors:

Kommentar:

Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

To return set-up items to the default (factory-set) settings, press the RESET button when the SETUP-MENU is indicated.

Standard Einstellungen für Treiber/ Default settings for driver:

ayer: SONY CCD	-FX400	E		
layer timing			Customization	Default
PLAY start shift:	0	frames	Max positioning retries: 4 count	2 STAIR
REC start shift:	0	frames	Unwind distance: 1 minutes	VM TC
PLAY delay:	4	fields	☐ No repositioning on consecutive REC	Help
STILL delay:	10	fields	▼ Use fast positioning	
Editing delay:	80	fields	ose last positioning	
EditOff delay:	2	fields		Cancel
CTL delay VITC:	6	fields		

Tips und Tricks/ Trouble shooting:

None

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

Sony CCD-FX 700E Device Note 07.09.95

Тур:

System: Hi8

TV Standard: PAL

Remote: LAN-C/Control L

Treiber:

FreigabeDatum:

▼ Hardware Setup am Gerät: / Hardware setup at machine

Switches: Kommentar:

Connectors:

Kommentar:

Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

To return set-up items to the default (factory-set) settings, press the RESET button when the SETUP-MENU is indicated.

Standard Einstellungen für Treiber/ Default settings for driver:

ayer: SONY CCD	-FX700	E		
layer timing			Customization	Default
PLAY start shift:	1	frames	Max positioning retries: 4 count	
REC start shift:	0	frames	Unwind distance: 1 minutes	VM TC
PLAY delay:	8	fields	No repositioning on consecutive REC	Help
STILL delay:	1	fields	■ Use fast positioning	
Editing delay:	80	fields	De tast positioning	
EditOff delay:	2	fields		Cancel
CTL delay VITC:	8	fields		

▼ Tips und Tricks/ Trouble shooting:

None

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

Sony CCD-TR 2000E Device Note 07.09.95

Тур:

System: Hi8

TV Standard: PAL

Remote: LAN-C/Control L

Treiber:

FreigabeDatum:

▼ Hardware Setup am Gerät: / Hardware setup at machine

Switches:

Ort	Switch Name (wenn vorhanden)	Switch Position
At front	CAMERA/PLAYER	PLAYER
at front by the display	COUNTER/TIME CODE	TIMECODE

Kommentar:

Connectors:

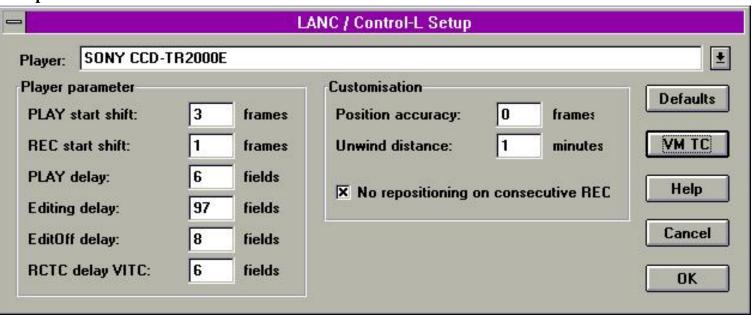
Kommentar:

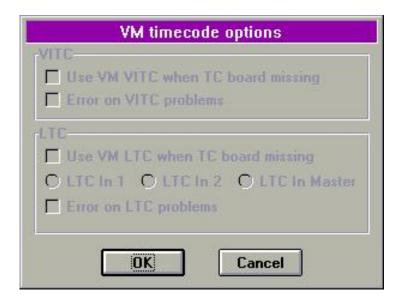
Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

To return set-up items to the default (factory-set) settings, press the RESET button when the SETUP-MENU is indicated.

Standard Einstellungen für Treiber/ Default settings for driver:

Not optimised





Tips und Tricks/ Trouble shooting:

None

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

Sony CCD-TR 323 Device Note 07.09.95

Тур:

System: Video8
TV Standard: PAL

Remote: LAN-C/Control L

Treiber:

FreigabeDatum:

Hardware Setup am Gerät: / Hardware setup at machine

Switches: Kommentar:

Connectors:

Kommentar:

Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

To return set-up items to the default (factory-set) settings, press the RESET button when the SETUP-MENU is indicated.

Standard Einstellungen für Treiber/ Default settings for driver:



Tips und Tricks/ Trouble shooting:

CCD-TR323 is working with the default parameters for LANC Level 2.0, except Play delay has to be 8 fields. No special further adjustments necessary

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

Sony CCD-TR 750E Device Note 07.09.95

Тур:

System: Hi8

TV Standard: PAL

Remote: LAN-C/Control L

Treiber:

FreigabeDatum:

▼ Hardware Setup am Gerät: / Hardware setup at machine

Switches: Kommentar:

Connectors:

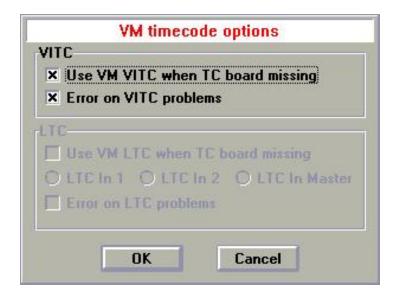
Kommentar:

Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

To return set-up items to the default (factory-set) settings, press the RESET button when the SETUP-MENU is indicated.

Standard Einstellungen für Treiber/ Default settings for driver:





Tips und Tricks/ Trouble shooting:

None

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

Sony	CCD-TR 808 E
Device Note	06.09.95

Typ:

System: Hi8
TV Standard: PAL

Remote: Treiber:

FreigabeDatum:

Hardware Setup am Gerät: / Hardware setup at machine

Switches: Kommentar:

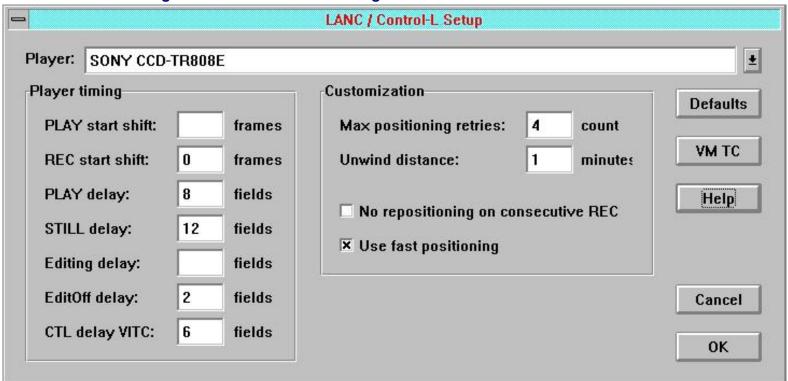
Connectors:

Kommentar:

Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

To return set-up items to the default (factory-set) settings, press the RESET button when the SETUP-MENU is indicated.

Standard Einstellungen für Treiber/ Default settings for driver:



Tips und Tricks/ Trouble shooting:

None

Disclaimer:

EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

Sony CCD-VX 3 Device Note 06.09.95

Тур:

System: Hi8

TV Standard: NTSC Remote: LAN-C/Control L

Treiber:

FreigabeDatum:

Hardware Setup am Gerät: / Hardware setup at machine

Switches: Kommentar:

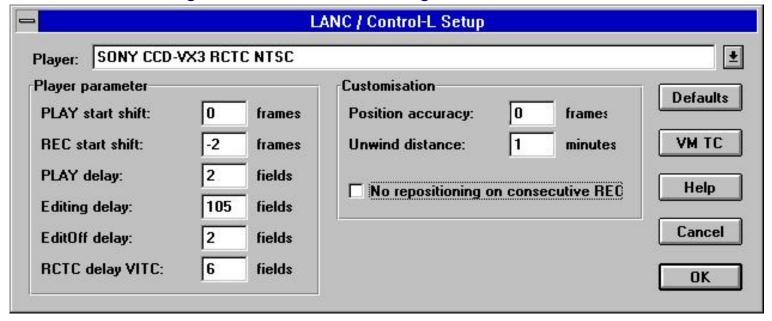
Connectors:

Kommentar:

Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

To return set-up items to the default (factory-set) settings, press the RESET button when the SETUP-MENU is indicated.

Standard Einstellungen für Treiber/ Default settings for driver:



Tips und Tricks/ Trouble shooting:

No special settings

- * Machine only good as player, since you have to choose Video-input OR output!!!
- * Work with LANCRCTC.VMP driver.
- *TC switch at menu to TC.

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

Sony	CVD-1000
Device Note	07.09.95

Тур:

System: Hi8

TV Standard: NTSC

Remote: Treiber:

FreigabeDatum:

Hardware Setup am Gerät: / Hardware setup at machine

Switches: Kommentar:

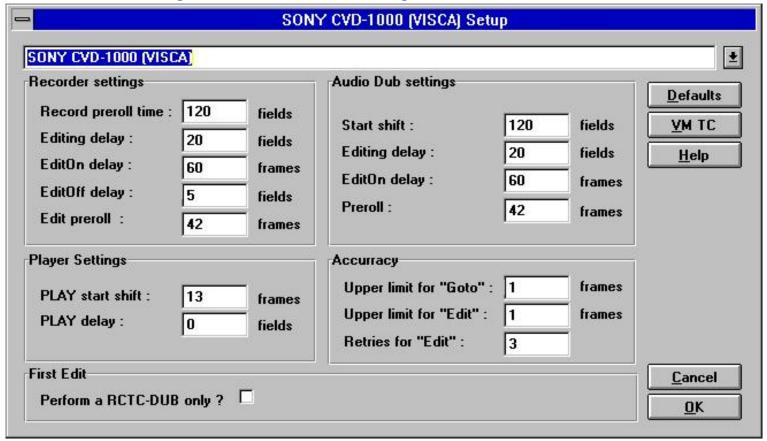
Connectors:

Kommentar:

Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

To return set-up items to the default (factory-set) settings, press the RESET button when the SETUP-MENU is indicated.

Standard Einstellungen für Treiber/ Default settings for driver:



Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

Sony DCR-PC7E Device Note 06.02.97

Тур:

System: DVC TV Standard: PAL

Remote: LAN-C/Control L Treiber: LANCRCTC.VMP FreigabeDatum: 97/01/17

THardware Setup am Gerät: / Hardware setup at machine

Switches:

Ort	Switch Name (wenn vorhanden)	Switch Position
At front	Power	Player

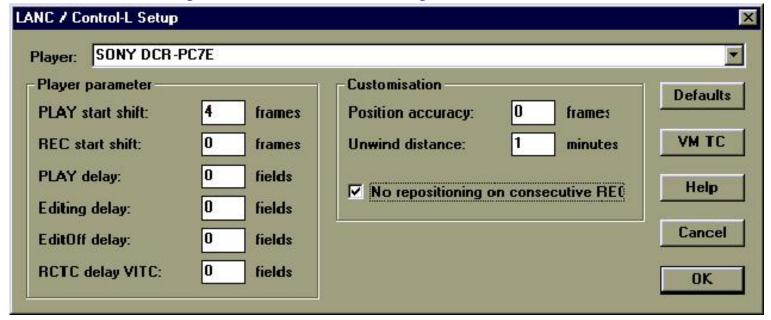
Kommentar:

Connectors:

Kommentar:

Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

Standard Einstellungen für Treiber/ Default settings for driver:



Tips und Tricks/ Trouble shooting:

You must have the Adapter VMC-LM7, to connect the LancControl.

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

Sony DCR-VX1000E Device Note 20.01.97

Тур:

System: DV

TV Standard: PAL

Remote: LAN-C/Control L Treiber: LANCRCTC.VMP FreigabeDatum: 07.01.97

Hardware Setup am Gerät: / Hardware setup at machine

Switches: Kommentar:

Connectors:

Kommentar:

Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

To return set-up items to the default (factory-set) settings, press the RESET button when the SETUP-MENU is indicated.

Standard Einstellungen für Treiber/ Default settings for driver:

layer: SONY DCR-\	/X1000I			
layer parameter		1	Customisation	Defaults
PLAY start shift:	4	frames	Position accuracy: 0 frames	Deiduks
REC start shift:	0	frames	Unwind distance: 1 minutes	vm TC
PLAY delay:	0	fields	■ No repositioning on consecutive RE	C Help
Editing delay:	0	fields	No repositioning on consecutive no	
EditOff delay:	0	fields		Cancel
RCTC delay VITC:	0	fields		ОК

Tips und Tricks/ Trouble shooting:

To connect the DCR-VX1000E to an older SC-Box, a 5k resistor must be removed from each E-Control output.

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

Sony DCR-VX9000E

Device Note 08.01.97

Тур:

System: DV

TV Standard: PAL

Remote: LAN-C/Control L Treiber: LANCRCTC.VMP FreigabeDatum: 07.01.97

▼ Hardware Setup am Gerät: / Hardware setup at machine

Switches:

Kommentar: No switch settings needed

Connectors:

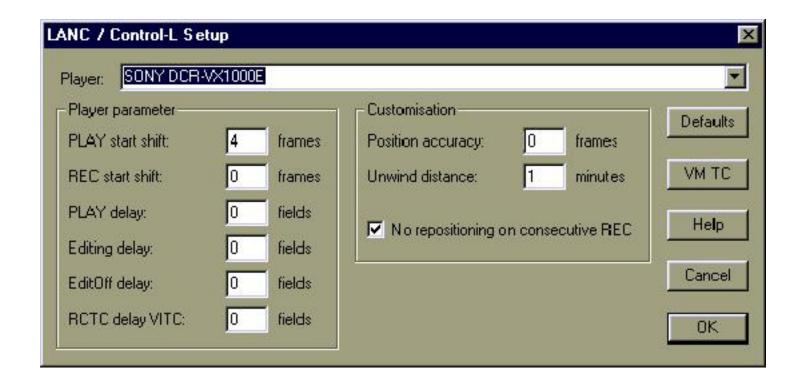
	Connector Out (wenn vorhanden)	Connect to (In)
Backside	LanC	LanC in SC-Box Control
Rightside	S-Video out	SC-Box S-Video in
Rightside	Audio R/L out	SC-Box Audio in

Kommentar:

Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

To return set-up items to the default (factory-set) settings, press the RESET button when the SETUP-MENU is indicated.

Standard Einstellungen für Treiber/ Default settings for driver:



Tips und Tricks/ Trouble shooting:

PAL Device has not any record modes

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

Sony DHR-1000VC

Device Note 18.10.96

Тур:

System: DV

TV Standard: PAL

Remote: LAN-C/Control L

Treiber: LANCRCTC.VMP date:04.03.96

FreigabeDatum:

▼ Hardware Setup am Gerät: / Hardware setup at machine

Switches:

Ort	Switch Name (wenn vorhanden)	Switch Position
Operation Panel	Input Select	used input connector (1-4)

Kommentar:

Connectors:

Kommentar:

Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

To return set-up items to the default (factory-set) settings, press the RESET button when the SETUP-MENU is indicated.

To enter in software set-up, press the MENU button on OPERATION PANEL.

- -Navigation with Cursor buttons
- Confirm with EXECUTE Button.

(Attention: settings are not stored after power is disconnected!)

EintragNr.	Eintrag	Einstellungen
1	SET UP MENU	
2	LAN C MODE (default M)	S
3	L3 IN VIDEO (default NORM)	S

Standard Einstellungen für Treiber/ Default settings for driver:

layer: SONY DHR-1	1000 VC			
Player parameter			Customisation	Defaults
PLAY start shift:	5	frames	Position accuracy: 0 frames	
REC start shift:	0	frames	Unwind distance: 1 minutes	VM TC
PLAY delay:	0	fields	Was a servicioni and a servicion per	Help
diting delay:	21	fields	▼ No repositioning on consecutive REC	
ditOff delay:	18	fields		Cancel
RCTC delay VITC:	0	fields		OK

Tips und Tricks/ Trouble shooting:

- "A1 Insert only" in 12 Bit Mode (VCR records Audio on 2. Stereotrack!)
- "A2 Insert only" causes Errorcode 65

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

Video Machine - Device Notes

- DHR-1000VC
- DNW-A100P
- DSR-200P
- **DSR-200P**
- DSR-30P
- DSR-30P
- DSR-60P
- DSR-60P
- DSR-80P
- **DSR-85**
- **DSR-85**
- DVW-A500P
- **EV-C 100**
- **EV-C 2000E**
- **EV-S 3000**
- **EV-S** 550
- **EV-S 850PS**
- **EV-S 880E**
- **EV-S 9000E**
- **EVO-9100**
- **EVO-9720**
- **EVO 9650P**
- PVW-2800P
- **SVO-5800P**
- SVO-9620
- **SVP-5600P**
- SVP-9020
- **UVW-1200P**
- **UVW-1400P**
- **UVW-1600P**

Previous Page | Next Page ▶

)

[

Blaupunkt Canon JVC Mitsubishi Otari Panasonic RICOH Sanyo Sony Tektronix

Previous Page | Next Page ▶

Video Machine - Device Notes

]

TektronixPDR 100 Video Disk Recorder (Profile)

Device Note 14.01.97

Тур:

System: Video Disk Recorder

TV Standard: NTSC/PAL

Remote: RS 422

Treiber: SONYBC.VMP FreigabeDatum: 18.12.96

Thardware Setup am Gerät: / Hardware setup at machine

Switches: Kommentar:

Connectors:

	Connector Out (wenn vorhanden)	Connect to (In)
Backside	VM Ref or Composite Out	VTR Ref. In

Kommentar:

Software Einstellung am Gerät, wenn unterschiedlich von der Vorgabe: / Software settings at machine if not default:

The Profile supports PAL and NTSC. It was tested with NTSC. This device is available in several configurations. The Profile we had here at FAST was equipped with

- 1 composite analog output board (= 1 analog comosite input)
- 1 composite analog input board (= 4 analog composite outputs)
- 2 digital component input/output boards (each has two input and two outputs)
- 4 analog audio boards (each has 4 XLR inputs and 4 XLR outputs)
- 8 HDDs (Seagate 15150 4 GB Wide SCSI)
- 1 Genlock board
- 1 RS422 controller board for 8 RS 422 interfaces connected via a breakout RS422 box.

The Profile has 4 (independent) M-JPEG channels. In the Vdr-Panel (= program which controls the Profile) you may setup a Control Panel for each M-JPEG channel. For each control panel you define a controller (Panel Control, Louth Automation, Odetics Broadcast, BVW, BVW (insert edit). Note: 2 M-JPEG channels are needed for a BVW (insert edit) panel, for the other controller types only one M-JPEG channel is needed.

We tested 2 SW configurations:

- 1. One control panel (= panel A) as a BVW (insert edit) Panel
- 2. Three control panels, Panel A as a BVW (insert only), panel B as a BVW, panel C as a BVW.

Panel A was configured as follows:

Pb video: JPEG#1 Pb audio: Chan#1, Chan#3 Pb TC: TCRec#1, TCRec#3 Rec video: JPEG#2 Rec audio: Chan#2, Chan#4 Rec TC: TCRec#2, TCRec#4

Panel B was configured as follows:

Video: JPEG#3 Audio: Chan#5, Chan#6 TC: TCRec#5, TCRec#6

Panel C was configured as follows:

Video: JPEG#4 Audio: Chan#7, Chan#8 TC: TCRec#7, TCRec#8

For all Panels:

Video compression presets: Highest quality, least recording time

TC: LTC NDF Field dominance: 1

Note: Don't forget to make the correct connections in the Video Crosspoint Setup outherwise you may get no output signal! Same for the TC Crosspoint setup.

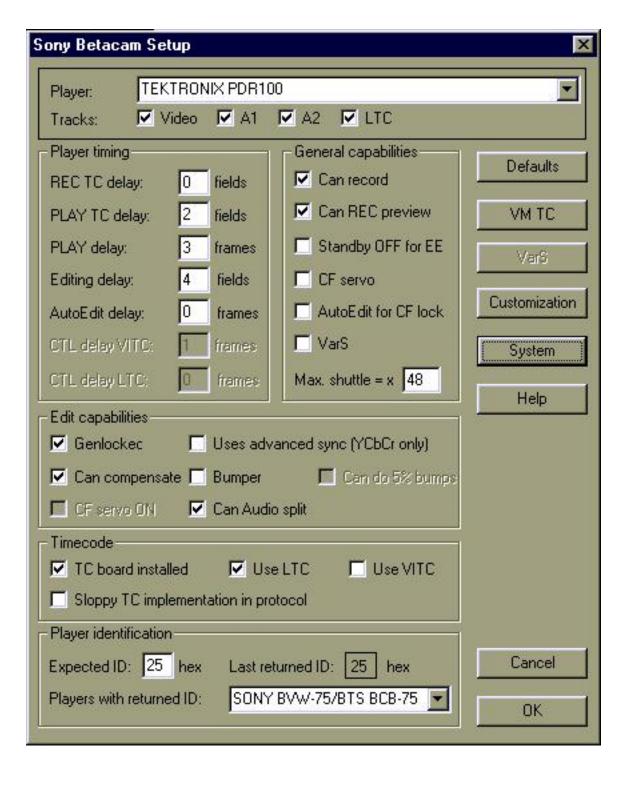
In the PDR 100 Configuration Tool SW you may select the video standard (PAL / NTSC) and adjust reference timing.

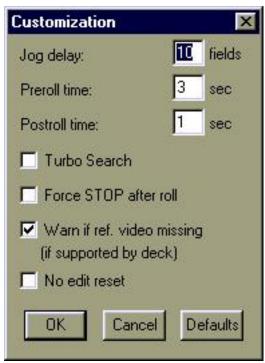
We genlocked the device to the SC-Box FBAS Master Out, which should give you the following Reference Genlock Lock Status:

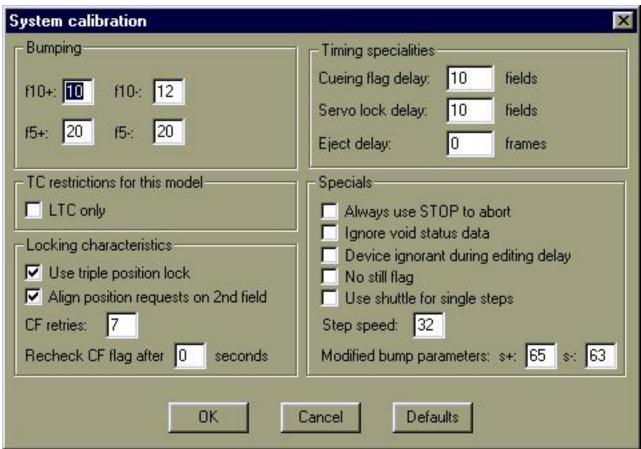
Locked to Ext. Ref, Internal Clock Locked, NTSC (PAL if you use PAL).

No Reference Genlock System Advance Adjustment was necessary.

Standard Einstellungen für Treiber/ Default settings for driver:







Tips und Tricks/ Trouble shooting:

No VARS supported because QueryVarS command not supported by the Profile No TL scrub of Profile clips supported Continues play of Profile clips only if clip length >5 sec. VITC not tested.

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

Video Machine - Device Notes PDR 100 Video Disk Recorder (Profile) Previous Page | Next Page ▶

© Copyright FAST Multimedia AG. All rights reserved.

]

▶ Tektronix [Previous Page | Next P

Video Machine - Device Notes

Video Machine - Device Notes



]

Video Machine - Cable & Pin Layouts

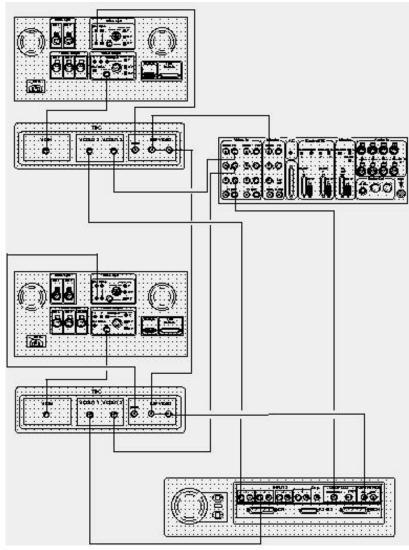
Alladin cabling with VM / analog Devices 3 Edit Control Pin-Out Plan LanC Pin-Out Plan 8 Multi I/O Professionel Configuration 8 Pin Connenction VM Board 8 VMIO - RS232 cable for Blaupunkt RTV 950-PC 8 8 VMIO - RS232 cable for Mitsubishi E82 VMIO - RS232 cable for Panasonic AG5700, AG7150 VMIO - RS232 cable for Sony CVD1000 (Visca) 3 VMIO - RS232 for Philips VP-410 3 VMIO - RS232 for Pioneer Laserdisc Players VMIO - RS422 cable - 9 pin <> 9 pin 8 8 VMSC box - RS232 cable for Mitsubishi E82 VMSC box - RS232 cable for Philips VP-410 8 VMSC box - RS232 cable for Pioneer Laserdisc Players VMSC box - RS232 cable for Pioneer LDV-4300D, LD-V8000, LD-V4200, LD-V2200, LD-V4100 8 VMSC box - RS232 cable for UVW-1200P VMSC box - RS232 cable for VCR: Sony CDV-1000 (Visca) 8 VMSC box - RS232 cable forr Blaupunkt RTV 950-PC 8 VMSC box - RS422 cable - 9-pol <> 9-pol [Previous Page | Next Page ▶ $\langle br \rangle$

Video	Alladin cabling with	VM / analog Device
Machine		

PIN/ Kabel 28.11.95

This cable plan displays the connection to the Alladin Media Printer together with two *analog* player devices and **Y/C** player/recorder **only.** The DPR Out board is not involved in the process, thus you cannot use digitized material as a input for Alladin effects.

The SYNC IN of the *recorder* can be connected to the **FBAS Out** of the **SC Box**, in loop with the SYNC cabling of the player device.



Disclaimer:

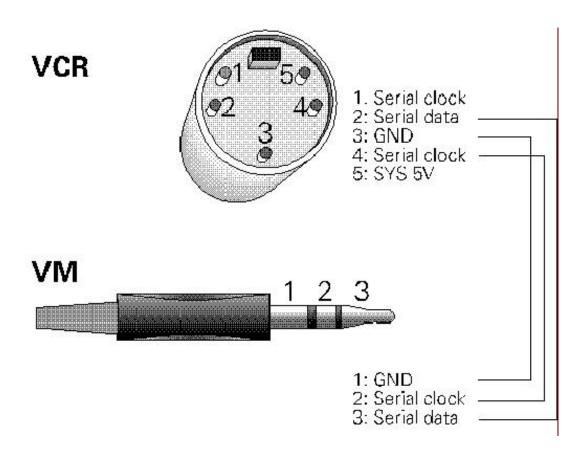
FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT

CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL US	SE SC
LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.	

06.09.95

Pin-Out Plan Panasonic Edit Control to 3.5 mm Stereo Plug (VM)



Please observe that pins #1 and #5 on the 5 pin ECtrl plug are not connected.

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

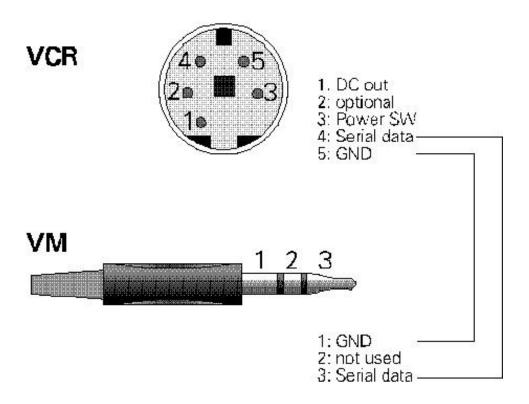
PIN/ Kabel 06.09.9

Pin-Out Plan LanC-Connectors to 3.5 mm Stereo Plug (VM)

Two different types of plugs are available to control LanC compatible devices:

- 1) a 5 pin version (see below) and
- 2) a 2.5 mm stereo plug (similar to headphone plugs)

1)



2)

Simply connect both plugs "1:1", i.e., connect tip to tip, middle ring to middle ring and bottom ring to bottom ring. **Disclaimer**:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

LONG	LIA 2A	COPYRIGHT NOT	ICES AND THIS DISC	LAIMER IS REPRODUCED	ON SLICH COPY
LOIVE		- 601 1100111 1101			CIN SUCITION 1.

Video Machine Multi I/O Professionel Configuration

PIN/ Kabel 04.03.97



M-io-pr1.tif

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

06.09.95

F	Pin	Connection	n ۱	/M	
3		audio ground / shield	22		
Audio In Ch1 - Left	1			Audio In Ch1 - Right	4
		audio ground	23		
Audio In Ch 2 - Left	2			Audio In Ch 2 - Right	4
	-	audio ground	24		
Audio In Ch3 - Left	3			Audio In Ch3 - Right	4
		audio ground	25		L
Audio In Ch4 - Left	4			Audio In Ch4 - Right	4
		audio ground	26		L
Audio Monitor Out - Left	5			Audio Monitor Out - Right	4
	_	Plus 5VPC	27		L
IIC - Data	6		00	IIC - Clock	4
		Plus 5VPC	28		L
Key out	7			digital ground	4
10 10 10 10 10 10 10 10 10 10 10 10 10 1		digital ground	29		L
ART-RX//Ctrl-L/S-Data//SynEdit-Data	8			RT-RX // Ctrl-L/S-Data // SynEdit-Data	5
	_	Minus12VPC	30		L
Ch A-UART-TX //SynEdit Clock	9		2.4	ChB-UART-TX //SynEdit Clock	5
	-	Minus12VPC	31		_
Din	10			Clk	5
1000	4.4	Plus12VPC	32		Ļ
/Din	11			/Clk	5
		Plus12VPC	33		_
ART-RX // Ctrl-L/S-Data // SynEdit-Data	12	5 A STATE OF THE S	21	DOut	5
	40	digital ground	34		
Master-UART-TX //SynEdit Clock	13			/DOut	5
Water 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4.4	signal return			_
Master Out - CVBS	14			rield analog cable (#2) / analog ground	5
	4=	signal return	36		L
MasterOut - Y	15		07	MasterOut - C	5
	40	signal return	37		_
Channel B - CVBS / C	16		00	Reference In	5
	47	signal return	38		Ļ
Channel B2 - Y	17		00	Channel B2 - C	5
er eres	40	signal return	39	-21 123 -2	-
Channel B1 - Y	18		10	Channel B1 - C	6
1970 HERE	40	signal return	40	-2.	-
Channel A2 - Y	19			Channel A2 - C	6
		signal return	41		Ļ
Channel A1 - Y	20		4.5	Channel A1 - C	6
2,000,000,000,000		signal return	42		
Channel A - CVBS / Y	21			1	

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS

CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

PIN/ Kabel 06.09.95

Pin#	Jumper	Wire Pairs	Cable Type	Wire Color	Pin#	Signal Name	J umpe
A		ale - YM IO			37-1111	9 male - YC B	
1			NC				
2			AWG 26	wt	2	Transmit Data (VCR)	
3			AWG 26	br	3	Receive Data (VCR)	2
4	5						
5	4		AWG 26	gn	5	S ignal Ground	4.0
•		ļ.,	NC				3-2
7		l l	NC				3 -
			NC				
9			NC		- 8		4
					4	DTR	ac.
					6	DSR	7,8
					7	RTS	6,8
						CTS	6,7
otal	shield on	plug housing		S hield	Total shield	on plug housing	
		ipunkt RTV	950-PC	M10 "			

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

06.09.95

Transmit Data (VCR)			Pin#	Wire Color	Cable Type	Wire Pairs	Jumper	Pin#
2 AWG26 wt 2 Transmit Data (VCR) 3 AWG26 br \$ Receive Data (VCR) 4 5 5 4 AWG26 gn \$ Signal Ground 6 NC 7 NC 8 NC 9 NC		9 m ale - YC B	37-1111			ale - Y M 10	:::::	A
\$ AWG26 br \$ Receive Data (VCR) 4 5 5 4 AWG26 gn \$ Signal Ground 6 NC 7 NC 8 NC 9 NC					NC			1
4 5 AWG26 gn 5 Signal Ground 6 NC NC		Transmit Data (VCR)	2	wt	AWG26		()	2
5 4 AWG26 gn 5 Signal Ground 6 NC NC 7 NC NC 9 NC NC		Receive Data (VCR)	3	br	AWG26			\$
NC NC NC NC NC		0.00 * 0.00 91.000 0.4 0.4 0.0 0.0 90					5	4
7		Signal Ground	5	gn			4	5
* NC					NC			6
9 NC					NC			7
					NC			
4 DTR					NC		- 4	9
	6	DTR	4		2 2		98 98	
6 DSR	4	DSR	6		5 Jan			
7 RTS		RTS	7		2 - 12			
■ CTS	7	CTS	1		3 - 3		- 1	
otal shield on plug housing Shield Total shield on plug housing		on plug housing	Total shield o	Shield		olug housing	hield on p	otal
/CR: Mitsubishi E82						>=====================================		

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

PIN/ Kabel 06.09.95

Pin#	Jumper	Wire Pairs	Cable Type	Wire Color	P in#	S ignal Name	J umpe
'A" - 1	:	ale - YM IO			31-1111	25 m ale - Y C B	
1			NC				
2			AW G26	wt	3	Transmit Data (VCR)	
3			AW G26	br	2	Receive Data (VCR)	
4	5					57.52.74.54.54.54.54.54.54.54.54.54.54.54.54.54	
5	4		AW G26	gn	7	Signal Ground	141
6		_	NC				2.
7	4		NC				
		-	NC				::-
9			NC				
			B		4	DTR	5
7		7			5	DSR	4
					6	RTS :	20
					20	CTS	
Fotal :	shield on p	olug housing		Shield	Total shield	on plug housing	
	1	/CR: Pana	sonic AG 570	m AC 715	n	986090000000000000000000000000000000000	

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

PIN/ Kabel 06.09.95

Cable Layout YMIO-R8232 Cable 9-pin <> 8-pin (mini DIN)

Pin#	Jum per	Wire Pairs	Cable Type	Wire Color	Pin#	Signal Name	Jumper
1. -		ale - YM10			To topin m	ini BIM nale - YCB	
1			NC NC				
2			AWG26	wt	3	Transmit Data (VCR)	
\$			AWG26	br	5	Receive Data (VCR)	
4	5						
5	4		AWG26	gn	4	Signal Ground	
6			NC				
7			NC				
			NC	141			
,			NC				
					1	DTR	2
					2	DSR	1
Total	shield on	plug housing		Shield	Total shield o	n plug housing	2 - 2

VCR: 5 ony CVD1000 (Visca)

Label on plug housing "A": "VMIO" Label on plug housing "B": "VCR"

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

06.09.95

Pin#	Jumper	Wire Pairs	Cable Type	Wire Color	Pin#	Signal Name	Jumpe
7 I	: : : : n	ale - YM IO			37-1111	25 male - YCB	
1			NC				
2			AWG26	wt	2	Transmit Data (VCR)	
3			AWG26	br	3	Receive Data (VCR)	
4	5					0.000 110000 20000 00000 00000	
5	4		AWG26	gn	7	Signal Ground	
6		<u> </u>	NC	4.0			
7		<u> </u>	NC				
	1.		NC		-		
3	25		NC	3			
				\$	4	DTR	5
	- 1			4	5	DSR	4
				8-	6	RTS	20
					20	CTS	6
otal:	hield on p	olug housing		Shield	Total shield	on plug housing	
		lug housi	C: Philips VP	M 18 "			

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

06.09.95

Pin#	Jumper	Wire Pairs	Cable Type	Wire Color	Pin#	Signal Name	Jumpe
'A" - D	: ## 5 m :	le - YM 10			3 * 1	SBB 15 male - YCB	
1			NC				
2			AWG26	wt	2	Transmit Data (VCR)	
3			AWG26	br	3	Receive Data (VCR)	
4	5						
5	4		AWG26	gn	1	Signal Ground	
6			NC			59, 450 90 7950 150 400	
7			NC				
			NC				
3			NC			<u>}</u>	
Total s	hield on pl	ug housing		Shield	Total s	shield on plug housing	
						<u> </u>	4
V	CD · Dia	opoor I DV/	4200D J.D.	1/8000 L	D4/4	200, LD-V2200, LD-V4100	

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

06.09.95

Pin# J	umper Wire Pair	rs Cable Type	Wire Color	Pin#	Signal Name	Jump
'X" - D	SUB 9 m ale - YM	10		*B* - D S U B 9	male - YCR	-
1		NC				
2		AWG26		2	Transmit A (VCR)	9
3		AWG26		3	Receive B (VCR)	
4	3	AWG26		4	Signal Ground	
5	40	NC	4.2			5.4
6		NC				
7		AWG26		7	Transmit B (VCR)	
8		AWG26		8	Receive A (VCR)	
9		NC NC		9		
Total s	hield on plua hous	ina	Shield	Total shield o	n plug housing	
abe	el on plug h	ousing "A":	"V M IO "			

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

06.09.95

Cable Layout YM S	C box - R 8 2 3 2 Cable	- 25-pin <> 9-pin

Pin# Jumper	Wire Pairs	Cable Type	Wire Color	Pin#	Signal Name	Jumper
"A" - D # B B 25	female - YM & C			37-1111	9 male - YCB	
1		NC NC				
2		AWG 26	wt	3	Recieve Data (VCR)	
3	-	AWG 26	br	2	Transmit Data (VCR)	
4		NC				
5		NC				
6		NC	4	4		
7		AWG 26	gn	5	Signal Ground	4
1		NC				
		2 2	28°			
25		2 3	4			
				4	DTR	6
				6	DSR	4
		4	9-	7	RTS	
					CTS	1
Total shield on	plug housing		Shield	Total shield	on plug housing	

VCR: Mitsubishi E82

Label on plug housing "A": "VMSC" Label on plug housing "B": "VCR"

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

06.09.95

Pin# Jumper	Wire Pairs	Cable Type	Wire Color	Pin#	Signal Name	Jumpe
"A" - D 2 B B 25	fem ale - YM \$C			35-1111	25 male - YC B	
1		NC				
2		AWG26	wt	3	Receive Data (VCR)	
3		AWG26	br	2	Transmit Data (VCR)	
4		NC				
5		NC				
		NC				
7		AWG26	gn	7	Signal Ground	
1		NC	8			
(%) (%) (%) (%) (%) (%) (%) (%) (%) (%)			3			
25			1			
			24	4	DTR	5
3 - 3			10	5	DSR	4
				6	RTS	20
			1	20	CTS	6
Total shield on	plug housing	7	Shield	Total shield	on plug housing	
	X 10				20 30 30	

VCR: Philips VP-410

Labelon plug housing "A": "VMSC" Labelon plug housing "B": "VCR"

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

PIN/ Kabel 06.09.95

Pin# Jumper	Wire Pairs	Cable Type	Wire Color	Pin#	Signal Name	Jum pe
A" - D # B B 2	fem ale - YM \$C			37-1111	15 male - YCB	X-Denotorius
1		NC				
2	1	AWG 26	wt	S	Receive Data (VCR)	
3		AWG 26	br	2	Transmit Data (VCR)	
4		NC	3350			
5	1	NC				
6		NC				
7		AWG 26	gn	1	Signal Ground	4
:		NC				
		9				
						:4
25	l.					
						11
otal shield or	n alua housina		Shield	Total shield (on plua housina	
otal shield or	plug housing		Shield	Total shield	on plug housing	2.5

Labelon plug housing "A": "VM SG" Labelon plug housing "B": "VCR"

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

Video VMSC box - RS232 cable for Pioneer LDV-4300D, LD-V8000, LD-V4200, Machine LD-V2200, LD-V4100

PIN/ Kabel

06.09.95

Pin# Jumper	Wire Pairs	Cable Type	Wire Color	Pin#	Signal Name	Jum pe
A"- D # 8 B 25	female - YM #C			37-1111	15 m ale - YCB	
1		NC				
2		AWG26	wt	3	Receive Data (VCR)	
3		AWG26	br	2	Transmit Data (VCR)	
4		NC	232.00		0.140.0040.000.000.000.000.000.000.000.0	
5		NC				
6		NC				
7		AWG26	gn	1	Signal Ground	
:		NC				41
y		9				4.1
		y = 1				,
		2 - 23				15
25		2 2		- 19		
otal shield on	nlua housina	5 - 23	Shield	Total shield	on plug housing	111
otal siliaa oii	plag Housing	4	Stillela	Total shield	or progricusing	
Total shield on		/ 4200D LD	Shield		on plug housing LD-V2200, LD-V4100	

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

Video Machine VMSC box - RS232 cable for UVW-1200P

PIN/ Kabel

06.09.95

Pin#Jumper		Cable Type	Wire Color	Pin#	Signal Name	Jumpe
'A'' - DSUB 2	5 female - VM SC		6	"B" -	DSUB 25 male - VCR	941
1				1		
2	1			3		
3	1			2		
4				5		
5						
6						90
7		9		7		100
8				20		
9						- 3
10		9				
11						2.5
12						
13		-		-		-
14				0.4		
15 17				24		
16 17 15				24		
18				24		
19						-
20				8		
21						
22						
23						
24				15		17
25				1.2		
				1		
						10
	1					10
						111
						100
Total shield o	n plug housing		Shield	Total	shield on plug housing	i i
						100

Label on plug housing "A": "VMSC" Label on plug housing "B": "VCR"

Bürklin Best.Nr. 13M2944

Null-Modem-Kabel

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY

BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT
CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE S
LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

06.09.95

Pin# Jumper	Wire Pairs	Cable Type	Wire Color	Pin#	Signal Name	Jum pe
A*- D 2 0 B 25	female - YM #C			To topin a	ini B IN male - YCB	
1		NC				
2		AWG26	wt	5	Recieve Data (VCR)	
3		AWG26	br	3	Transmit Data (VCR)	
4		NC	,010.			
5		NC				
6		NC				141
7		AWG26	gn	4	Signal Ground	1.11
		NC				
		9 -9:				
25		5				
		D		1	DTR	2
				2	DSR	1
Total shield on p	olua bousina		Shield	Total shield s	n plug housing	
otal siliad oil	olag Hoasing		Shireid	Total shield t	in pray neasing	
	VCR: So	ny CDV-100	0 (Visca)			1

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

06.09.95

Pin# Jumper	Wire Pairs	Cable Type	Wire Color	Pin#	Signal Name	Jumper
A"- D# 88 25	fem ale - YM #C			37-1111	9 m ale - Y C E	
1	1	NC				
2		AWG26	wt	3	Recieve Data (VCR)	
3	•	AWG26	br	2	Transmit Data (VCR)	
4		NC			57.00 38881300 170 5 5 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
5		NC				
6		NC				
7		AWG26	gn	5	Signal Ground	
1	_	NC				
						- 11
	-			7.1		
25						
				4	DTR	ac ac
				6	DSR	7,8
10	T	1		7	RTS	6,8
		2- 2-2		1	CTS	6,7
Total shield on	plug housing		Shield	Total shield o	on plug housing	

VCR: Blaupunkt RTV 950-PC

Labelon plug housing "A": "VMSC" Labelon plug housing "B": "VCR"

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

06.09.95

Pin#	Jumper Wir	re Pairs	Cable Type	Wire Color	Pin#	Signal Name	Jumpe
"A " - I	OSUB 9 m ale	- YM SC			"B" - DSUB 9 male - YCR		
1			ND				
2			AWG26		2	Transmit A (VCR)	19
3			AWG26		3	Receive B (VCR)	9
4			AWG26		4	Signal Ground	
5			NC				2
6			NC				
7			AWG26		7	Transmit B (VCR)	
8			AWG26		8	Receive A (VCR)	
9			NC		9	speke neretookonskienender	
Total	shield on plug	housing		Shield	Total shield o	n plug housing	
				"VMSC"			

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

Video Machine - Cable & Pin Layouts

VMSC box - RS422 cable - 9-pol <> 9-pol

[
Previous Page | Next Page

]

FAST VMPC Technote Vivanco VCR 5050 Panasonic EditControl ->Sony LanC convertor 01.02.99

Description/ Symptoms:

The Vivanco VCR 5050 Panasonic Edit 5pin to Sony LanC protocol convertor was tested in an attempt to provide a solution for customers wishing to use Panasonic Digital decks with the new digital time code (please see tech note number 56)

The device did not pass our tests and is therefore not supported for use with Video Machine.

Background:
Solution:
Comments:

Video Machine Tech Note number 56

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

FAST VMPC Technote

Clean re-installation instructions for VM-Studio

19.01.99

Description/ Symptoms:

We recommend that you uninstall any previous versions of VM-Studio prior to installing version 3.3 and 3.98a. This technical note details how to uninstall an earlier version from Windows 95.

Using the following instructions, your movies, projects, graphics and EDLs will all be backed up and remain saved. If you habitually save these files somewhere other than in the default directories, you should also back up these other directories. DP/R users will find that the information on their DP/R drives will also be unaffected.

Un-installation:

- 1. Open VM-Studio. Go to Tools and choose Hardware Setup then write down the three settings (I/O Base, Memory Base and IRQ Level). Then, go to Tools>Device Setup and make notes of all the devices you have set up there and what settings each of them is using. Also, if you have VM Plus! go to Render>Options>Plugin Settings and note each of the directories listed. Quit VM-Studio
- 2. Go into Windows Explorer. Create a new folder under your root directory and move the Edl, Images, Movies and Projects folders from the VMStudio directory to the new folder (Hint: The 'Alt Gr' key, usually found to the right of the space bar, allows selection of multiple items).
- 3. Choose Start>Settings>Control Panel and go into Add/Remove Programs. In the dialog box, click on **////FAST Electronic Inc. VM Studio** and then click the 'Add/Remove' button. Choose 'Custom' uninstall. On each of the following windows, simply click 'Select All' and 'Continue'. If the program gives any messages about shared files, allow the program to delete the files.
- 4. The uninstall program usually removes all Video Machine files. However, sometimes a few files are left behind which must be found and removed. To do this, go to Start>Find>Files or Folders and search for and delete the following files:

tcolor.drv tcflt.ini vm.ini tcdrv.ini smip.dll vmstudio.grp

Restart your system before beginning the 3.3 installation.

Re-installation:

- 1. Put the CD in the drive and close the draw. Follow the prompts through the installation procedure (making sure to check the DPR and or YUV options if necessary). It is very important to make sure that, on the screen asking which TV standard you wish to use, the bottom check box (concerning the titler) is checked. Reboot the system when asked.
- 2. Install Service Release 3.98a.
- 3. Run the VM Studio program and when you get to the Hardware Setup screen, select Custom Setup. Using the pull down menus, select the numbers you wrote down previously from the Hardware Setup dialog. Click on the Test Memory button and accept any changes recommended to the system files.
- 4. Finally, if you have the YUV Option, go to Tools>Output Setup and under the PAL pull-down, choose the 'YCbCr'option (normally the last on the list).
- 5. If you have VM Plus! go to Render>Options>Plugin Settings and using the 'Add' button select, one by one, the directories that you noted down previously.

Video Machine is now ready to use.

Background:

Solution:

Comments:

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

FAST VMPC Technote VM Plus! Dongle Issues

Description/ Symptoms:

The VM Plus! dongle is "transparent" to the system and so anything plugged into the back of it should still be able to communicate with the computer effectively

However, if you experience problems and can't connect the dongle to the back of whatever the device is, then there is a way to force the system to look for the dongle. (This method also works if the dongle is not recognised) The following step-by-step instructions explain how this can be done.

Background:

Solution:

- 1. Go to Start>Settings>Control Panel
- 2. Double click the "System" icon
- 3. Click the "Device Manager" tab
- 4. Expand the "Ports (COM & LPT)" branch
- 5. Double click on the port to which the dongle is connected
- 6. Click the "Resources" tab
- 7. Write down the first number in the "Settings" column next to "Input/Output Range" ignoring any zeros at the beginning of the number. This number is the port's I/O address.
- 8. "OK" out of everything back to Windows
- 9. Go to Start>Run
- 10. Type "sysedit" and hit return

This will bring up one window with several others inside it. The 'closest' of the multiple inside windows will be called

C:\AUTOEXEC.BAT

On a new line at the bottom this closest window, add the command

SET HL_SEARCH=[port's I/O address] [p | s]

(p is used to denote that the port is parallel and should be used for the printer port, s that it is serial and should be used for COM1and COM2).

For example, if the address of your serial port (COM2) is 02F8, then type:

SET HL_SEARCH=2F8s

or if the address of your Printer Port (LPT1) is 0378, then type:

SET HL_SEARCH=378p

When you save this file and re-start the system, if the dongle is connected correctly to the port, the dongle should be found correctly. (Please note that whether the port is parallel or serial effects which side of the dongle is connected to the computer. Dongles are labelled "Serial" on one edge, and "Parallel" on the other.)

Comments:

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

FAST VMPC Technote

How to Multilayer with Boris FX and VM Studio with VM Open

06.11.98

Description/ Symptoms:

- 1. Using VM Open, convert a clip from the DPR to a full resolution, full quality AVI (a large system drive or separate SCSI AV drive other than your DPR drives comes in handy at this point!).
- 2. Go into VM-Studio and place the Boris FX DVE on the time line between your incoming and outgoing clips.
- 3. Double click on the Boris FX DVE and click the Custom button.
- 4. Choose a pre-set effect or make up your own, using three or more tracks of video.
- 5. Click on the track which corresponds to your third video source and click the 'Media' button at the bottom of the Boris window.
- 6. Using the 'Media:' pull down menu, choose 'Movie File' and select the AVI created previously with VM Open.

The selected track will now be playing the chosen clip from the AVI (please note that if you choose Preview>Image>Proxy, this AVI will still be viewed as the source, and not as a proxy).

•	1 7,	
For the 4th, 5th, 6thNth tracks, repea	t the process.	
Background:		
Solution:		

Disclaimer:

Comments:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

FAST VMPC Technote Video Machine and Windows 'handles' (working with large movies)

Description/ Symptoms:

The performance of VM-Studio is reduced when making a large movie with lots of clips on the time line.

Background:

Windows 95/98 allocates 5000 'handles' to each application while it is running. Video Machine needs 3 handles for each clip or effect on the time line and each clip in the project (so on the time line, a video clip with stereo audio associated with it requires 9 handles - 3 for the video clip, 3 for the left hand portion of the audio clip and 3 for the right hand portion of the audio clip).

When an application has used all of it's handles, that application's performance will be adversely affected because it's resources have been stretched too far.

Solution:

To avoid running out of handles when making long movies, FAST recommend that longer movies should be split into several sections, each section having a separate time line (and thus a separate *.mov file). These movie can then be joined together (on a frame accurate record deck) by setting the 'Timeline begin' (Tools>Output Setup) to the exact time code as the last frame of the previous section.

Comments:

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

FAST VMPC Technote VM PLUS FAQ's

Description/ Symptoms:

I can't find my F/X Studio Software on the CD. It says it on the CD but I can't find it.

There is no "F/X Studio" program per se. F/X Studio is a collection of Ulead Plug-in Effects and Filters and are loaded directly into and accessed from VM-Studio PLUS. There is no stand alone program. You access them via the Ulead Effects group in the case of Effects and Filters appear in the Plug-Ins selection located under the Tools button in the Clip Editor.

I have seen a DPR Calibrate program on other systems but, for some reason I don't have it.

This program calibrates Plus, the VM, DPR and the YUV together to set the shifting registers so that the images don't shift when exported and re-imported during the rendering process. This is only needed when a YUV is present and therefore only installs when you select Install YUV Option during the setup. (See also PLUS manual)

Image shifting or chroma shifting problems with YUV.

The customer needs to run the DPR Calibrate program before he/she begins to work with PLUS. It's a simple program that you simply run. There are no options. The manual talks more about this.

Does VM-Studio PLUS work with my Alladin and/or DPR Out Board?

Yes and no. Yes VM-Studio PLUS does support the Alladin and/or DPR Out board however, it only works the way it did in 3.0. PLUS does not add any new features to the functioning of the Alladin with or without the DPR Out board. PLUS will not do any rendering with the Alladin, therefore you cannot use the Alladin to accelerate 3D effects. Also, the Optimize Movie function will not allow for continuous playback while using the DPR Out and/or Alladin.

The packaging says that VM-Studio PLUS is a 32 bit program if this is true then can I run this under Windows NT?

What the box actually says is "True 32 bit Power for Windows 95." The answer is that the old portion that is to say the CORE of VM-Studio is still a 16 bit application. The new rendering engine is 32 bit and therefore requires Windows 95. There is NO Windows NT support for VM-Studio PLUS.

I keep getting flashing during my rendered clips.

Try adding one of these to the VM.INI File under the appropriate sections:

[RENDER]

NOCOPY=1 (instead of copying, the clip will always be rendered)

When I Optimize Movie the Ulead/Adobe/3rd Party effects are not rendered. What am I doing wrong?

Unfortunately the optimize function is not smart enough to render Effects that need rendering before it does the optimizing. You must first render his/her plug-in effects before optimizing. To accomplish this you must use the following procedure:

Select Render then Plug-Ins then All if necessary.

This will render all plug-ins in the movie. After this is completed then Optimize Movie will work properly.

During rendering sometimes the system shows what's going on but usually the screen shows various frames or is black. The rendered result is fine but I can't see what's happening during rendering.

Sorry. This is just the way it is. For us to display differently is not possible. Trying to do so is usually not possible and when it is it slows the rendering process down significantly and we felt it more important to make the procedure faster rather than trade off speed for cosmetics.

I added my Adobe Premiere compatible Effects but they do not show up OR they do not work.

We only support Ulead 2.5 to 5.0 compatible or Adobe 4.2 compatible effects. Older Adobe or Ulead Plug-In effects are not supported. The older effects are probably not 32 bit effects and are not supported (Adobe 4.2 DVEs: Due to very complex resource management for the customizing dialog box of Premiere we can support only those DVEs which can NOT be customized eg horizontal flip and vertical flip.)

Does VM-Studio PLUS render audio?

No. PLUS does not support rendering of audio files, only video. When doing layering you must first protect the audio channels associated with a video channel before deleting it. If you do not protect the audio channels the audio may be deleted when you delete a video clip.

Having Image shifting problems with rendered clips.

If the YUV installed then you need to run the DPR Calibrate program to remedy this problem. Unlike systems that have a YUV installed,

systems that do not will not have the DPR Calibrate program to fix this shifting problem automatically. Therefore, y manually correct this problem using the following procedure:	
[DPR] (Put the following line(s) under this section in the VM.INI file. If the section does not exist then create it.)	
XSHIFT= x (Where x = a positive or negative number of pixels to shift the image along the x axis.)	
and/or	
YSHIFT= <i>y</i> (Where <i>y</i> = a positive or negative number of pixels to shift the image along the <i>y</i> axis.)	
Background:	
Solution:	
Comments:	
Disabilities	
Disclaimer:	
FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS F	

EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

FAST VMPC Technote

New Panasonic Digital time code and Video Machine

Description/ Symptoms:

The time code used on the new Panasonic digital decks, such as the AG EZ-, NV DV- and NV DX- range is a digital time code. These devices have a problem translating this digital time code into analogue time code. For this reason these decks are not currently supported for use with Video Machine.

The (professional) AJD range of devices should work as long as RS422 control is used.

There are currently over 200 drivers available in the latest software (version 3.98a at time of going to print) for decks which are supported

Background:
you an up to date list of supported drivers unless you have the most recent software installed).
with Video Machine. To see a full list please go to Tools > Device Setup and click the Install button (Please note that this will not give
There are currently over 200 univers available in the latest software (version 3.30a at time of going to print) for decks which are supported

Solution:

Comments:

Software is available for download free of charge from the FAST UK web site at http://www.fusewire.com or the global FAST website at http://www.fastmultimedia.com

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

FAST VMPC Technote

Hardware Suggestion for VM Systems

04 11 98

Description/ Symptoms:

FAST tries to test as many hardware components as possible. However, due to the nature of the fast changes in this market there is no 100% guarantuee that every new revision of any given component will work as tested with earlier revisions.

Motherboards:

SuperMicro P5MMA98 SuperMicro P5STE SuperMicro P6SLA Tyan S1684S

ASUS TX97 XE, mit Pentium MMX, 233MHz, ATX http://www.asuscom.de/de/produkte/P5/tx97-xe.html

ASUS P2L97, Pentium II 300MHz, ATX (only two ISA slots) http://www.asuscom.de/de/produkte/P6/P2l97.html

ASUS KN 97 ATX, Pentium II 300 MHz http://www.asuscom.de/de/produkte/P6/kn97.html

ASUS P2B BX ATX, PII 400MHz http://www.asuscom.de/de/produkte/P6/p2b.html

Gigabyte GA586ATX2

Gigabyte 686 LX, mit Pentium II, 300MHz http://www.gigabyte.com.tw/GA686LX.html

Gigabyte 686 SLX, PII, 333MHz, ADAPTEC, (only two ISA slots!) http://www.gigabyte.com.tw/GA686SLX.html

Gigabyte GA-6 BXC, PII, 350Mhz, (3 ISA slots)

Gigabyte GA-6 BX, PII, Celeron A 300Mhz, (3 ISA slots)

QDI Legend I 440LX-ATX mit AGP, Pentium II 330Mhz http://www.qdigrp.com/eng/lx1.htm

Iwill PII NS, ATX mit Pentium II, 300MHz, ADAPTEC On board http://www.iwillusa.com/piins.htm

Please note: PENTIUM II MOTHERBOARDS REQUIRE VM STUDIO 3.3 WITH SR 3.98A

Graphics Cards:

Matrox Millenium I und II
Matrox Mystique
ELSA Winner 1000
ELSA Winner 2000 PRO/X (2 pieces needed for dualscreen)
ELSA Winner 3000 L (2 pieces needed for dualscreen) http://www.elsa.com
DATAPATH Twinfinity pro (one card for dualscreen, 2x 4MB) http://www.datapath.de
Appian J2 (one card for dualscreen)

DPR Hard Drives:

IBM DCAS-34330 4.3GB
IBM DFHS-34320 4GB
IBM DCHS-34550 4GB
IBM DCHS-39100 9GB
IBM DDRS-39100 9GB (9ES)
IBM DGVS-39100 9GB (9ZX)
IBM DGHS-39110 (9LP) 9GB
IBM DGHS-318200 (18XP) 18GB

http://www.storage.ibm.com/hardsoft/diskdrdl/prod/ultrastar.htm

Seagate ST32171N 2.1GB Seagate ST32550N 2.1GB Seagate ST34371N 4.2GB Seagate ST15150N 4.2GB Seagate ST19171N 9.1GB Seagate ST39173N 9.1GB Seagate Cheetah 34501 4GB Seagate Cheetah 19101 9GB

http://www.seagate.com/disc/prodmatrix.shtml

Please note: Do not use U2W (LVD) harddisks with the DPR, since these types are not compatible with U-SCSI! When you use adapters from 68pin to 50pin, please make sure to use active components. In general the DPR can only address 32GB of a 2x18GB HDD pair.

FAST can not be hold liable for the compatibility of the listed hardware. We have no influence on other manufacturer's quality processes and changes to their products. However, we try to update this list on a regular basis to reflect changes known to us.
Background:
Solution:
Comments:
Disclaimer:
FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PROPOSE) CONCENNANT OF STATISTICS OF MERCHANTON CONTAINED
THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT

OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY

WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

FAST VMPC Technote Drop Frame vs. Non Drop Frame with VM 30.10.98

Description/ Symptoms:

If you encounter the message "The TC format reported by the player does not match the format specified in reel (PAL/NTSC or DF/NDF mismatch)", make sure that you have selected Drop Frame (DF light green) if your source tape was recorded in the drop frame mode (consult your Camera or VTR manual to determine if your source tape was recorded in Drop Frame (DF) or Non Drop Frame (NDF)).

If it was recorded in Non Drop Frame (NDF) leave (DF) light grey (disabled) in the **Group Settings** menu. The selection (DF or NDF) in the REEL GROUP **MUST** match the mode that the **source tape** was recorded in. You can check if your (NDF/DF) mode is correct by selecting the **arrow key** in the group and choosing **Edit Group**, there you will see if the (DF) button is green or grey (**Green** means Drop Frame (DF) **Grey** means Non Drop Frame).

Background:		
Solution:		
Comments:		
Disclaimer:		

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

FAST VMPC Technote Black and White Picons 28.10.98

Description/ Symptoms:

There are Two main reasons why your picons may be in black and white in you project manager.

- 1. You have not selected the proper decoder in the **Tools** > **Device Setup** > **Name of Machine** > **Decoder** > Choose **S-Video** or **Composite** (which ever applies).
- 2. Your hardware settings are incorrect. Try using **D000** as your **Memory Base** in **Tools** > **Hardware setup**.

Background:		
Solution:		
Comments:		
Disclaimer:		

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

FAST VMPC Technote IRQ or I/O Problems 28.10.98

Description/ Symptoms:

If you experience the message BAD I/O or NO INTERRUPT while try to set up your hardware.

- 1. Go to **Start > Settings > Control Panel > Device Manager > Properties > Locate open IRQ** 11,12,14 or 15 (if it is available the number WILL NOT show up on this list, if all of these numbers have devices attached to them, then decide which ones you can disable or eliminate from your system) **> write down open IRQ**.
- 2. Go into your **BIOS** (call motherboard manufacturer if unfamiliar with BIOS) > locate **PNP/PCI** configuration > Set configuration to **manual** > highlight the **open IRQ** (you wrote it down in section 1) > select **ISA/Legacy** > Save to **CMOS** and Exit
- 3. Try to re-launch VM program > choose Custom > Use I/O Base 100 > Memory Base D000 > IRQ which ever one you set to ISA/Legacy

Background:		
Solution:		
Comments:		
Disclaimer:		

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

FAST VMPC Technote Tip for keying Crystal 3D Impact Pro graphics with VM

29.10.98

Description/ Symptoms:

After making graphic in 3D impact Pro > go to Render > Set Background > Choose Select Color > choose Black > go to Animation > Assign Motion (assign any since you are just using frame 1) > Choose Make Movie > Choose Targa Sequence under "Type" > Choose 32 bit (8 bit alpha) > Name the folder choose Select Folder > Path your files to the VM Studio\Images folder > Hit OK > Launch Video Machine > Go to Group > New Graphics Group > Name Group > Load Graphic > Find your Graphic in the images folder and hit OK > Place graphic on timeline and dissolve to it to make it key.

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

FAST VMPC Technote DSR 60 with VM 12.10.98

Description/ Symptoms:

If you experience problems with your DSR-60 performing an edit (the machine will try several times, but stops at the edit point).	Go to
Tools > Device Setup > Highlight the DSR-60 > Choose Setup and un-check "Can Compensate".	

Tools > Device Setup > Highlight the DSR-60 > Choose Setup and un-check "Can Compensate".
Background:
Solution:
Comments:

Disclaimer:

Device Note for DSR-60

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

Error: "Can not find the requested search position"

08.10.98

Description/ Symptoms:

When editing with prosumer decks (like e.g. Panasonic AG 1970-1980) and you get the message "Can not find requested search position" (or something to that effect), try going to Tools > Rec Control > Choose the Pocketknife > VITC Test. Most likely you have not enabled the VITC in the device setup and you will get the message "No VITC present". You must then enable this by Tools > Device Setup > Select the record deck > setup > VM TC > check "Use VM TC when timecode board missing".

In addition please make a first edit. Please put in a S-VHS tape into your deck and go to Tools > Output setup > Select the VITC button > 1st edit and stripe the whole tape with VITC.

Background:		
Solution:		
Comments:		
Disclaimer:		

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

FAST VMPC\DPR Technote DPR - Backing up DPR Video/Audio Files

15.04.98

Description/ Symptoms:

Introduction:

It is important to back up DPR data as a means of saving unrecoverable video and audio files that are generated during rendering or from live recorders, for example. Our experience has shown that it doesn't make much sense to make a Backup of DPR data digitized "normally" from tapes since the back-up process takes longer than it would to redigitize the material from tape.

Backup Software Test:

Hardware:

- PC with Adaptec 2940 SCSI host adapter
- DAT streamer
- Video Machine with DPR

Programs:

- Windows 95
- SEAGATE Direct Tape Access Ver. 2.05 (latest version 3.0, price approx. DM 120)
- DPR-Manager 1.2 (VM-Studio 3.3 / 3.98)

Note:

It is easy to install the streamer software (Direct Tape Access). If you follow the installation routine, your PC will be rebooted at the end of the routine, the DAT will be recogized as a device and registered in Windows as a drive.

You can then use the SEAGATE Toolkit to format a DAT tape. A quick formatting routine (Quickformat) is sufficient for the DPR and lasts about 10 minutes for 2GB tapes.

Since DPR data is already compressed, additional hardware or software compression is not recommended.

Now you can start the DPR-Manager and copy the DPR files onto the DAT with standard drag&drop operations.

You can also select several files or directories to be copied. But, you need to make sure that you never attempt to copy more than 2GB at any one time (Windows has a 2GB limit - in this case, FAT32 file systems are no help at all!).

The approximate values you need to remember are than only 1.5GB fit onto a 2GB tape and only about 7GB fit onto an 8GB tape (because of error correction).

It takes about one hour to transfer one gigabyte!!! - (regardless of the DAT)

Note:

The company Tapedisk also offers another back-up solution.

However, this program is somewhat more difficult to configure. We prefer the SEAGATE solution.

Background:

Sol	4 :		
201	IIITI	n	b
\mathbf{c}	uu	\mathbf{v}	

Comments:

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR

OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

DPR / Harddrives - Troubleshooting

16.03.98

Description/ Symptoms:

Contents:

- 1. Difficulties that can arise during installation
 - A. Hard disk jumper settings
 - B. DPR jumper settings
 - C. Checking the entries in Dpsys
 - D. Check cabling
 - E. Testing/formatting individual disks
 - F. Tools
- 2. Difficulties that can arise during use

This section is a list of the most common error messages and corresponding solutions.

1. Difficulties that can arise during installation

Please check the following items if error messages or any other anomalies occur during or directly following installation:

A. Hard disk jumper settings

Check the jumper settings on the hard disks:

- All connected disk pairs must be terminated. If you're using more than one pair of disks, terminate the last pair, meaning the pair furthest from the DPR. If the SCSI cable extends beyond the last device, it does not have to be terminated, rather an external terminator has to be connected to the end of the cable.
- The Parity Check should be disabled for all disks.
- Each pair should be assigned its own singular ID. Both of the disks that make up a pair have the same ID.
- The Autostart feature should be enabled for all disks (if available).
- Termination Power: If one or no more than two pairs are connected, Termination Power should not be enabled for any of the disks. If more than two pairs are connected, Termination Power (to bus) can be enabled for the last pair.

Please refer to your drive documentation or ask your dealer which jumpers on the disks need to be set to meet these requirements.

B. DPR jumper settings

If one or several SCSI-disks are connected, all three jumpers on the DPR must be enabled. For more information, please read TN 23.

C. Check the entries in the Dp.sys file

After running the "DPR Configuration" program (see also TN 23), the config.sys file is modified. The change causes the system to recognize the disks the next time the program is started. If the disks are not recognized, the entry in the config.sys file may be missing or incorrect.

The following information may help you check the entry:

To call the Dp.sys file, use the following command structure:

Device = [path] \ dp.sys -i:... w:.... p:

The parameters i:, -w: and p: represent:

-i: ID numbers of the hard disk pairs and the Wide SCSI HDD.

Allowed values: 0, 1, 2, 3, 4, 5, 6 (for Wide SCSI: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, A, B, C, D, E)

-w: Boolean parameter that defines whether it is a Wide SCSI hard disk. 0 is a Fast SCSI-2, 1 is a Wide-SCSI.

For each ID number allocated with the parameter -i:, you must define whether the disk is a Wide-SCSI or a Fast SCSI-2...

-p: Port address (in hexadecimal) of the DPR

For example:

Entry in Config.sys file for two hard disk pairs, one with ID 0 and one with ID 1:

Device=dp.sys -i:01 -w:00 -p:310

Entry in Config.sys file when using one pair of Fast SCSI-2 hard disks with ID 0 and one Wide SCSI hard disk with ID 1:

DEVICE=dp.sys -i:01 -w:01 -p:310

Entry in Config.sys file when using two Wide SCSI hard disks with ID 0 and 1:

DEVICE=dp.sys -i:01 -w:11 -p:310

The ultimate scenario: 7 pairs of Fast SCSI-2 and 8 Wide SCSI hard disks:

DEVICE=dp.sys -i:0123456789ABCDE -w:000000011111111 -p:310

D. Check Cabling

Another frequent source of error in the SCSI configuration are the cables between the DPR and the drives. Should problems arise, reduce the amount of cabling to a minimum.

For example, external drives can be connected internally by means of a flat conductor cable thereby eliminating connectors and adapters as potential sources of error. If this eliminates the error, gradually check your cabling.

E. Testing / formatting disks individually

If you've connected several pairs to your set up, it is important to be able to locate the pair or individual disk that is the source of error.

- To do so, before you begin working, every pair should be connected individually to the DPR. Make sure to pay attention to the jumper settings and the dp-sys entries.
- Should one of the pairs be defective, connect each disk individually to an SCSI controller (e.g. Adaptec 2940) in order to determine whether only one of the two disks is defective.
- Adaptec controller give the option of using the function "Verify Diskmedia" that can be called from SCSI Bios in order to review further information about the disk and to locate possible errors or defects.
- If no error message appears, try and format the drives. If you can't format them, the drives are probably defective.

This testing procedure detects almost every hardware defect.

F. Tools

The DPR Manager in the VM-Studio program group provides a number of tools that can be used to test the DPR and DPR drives:

"Check Integrity of DPR Drive" runs a test on the selected DPR drive and should an error be detected, gives you the option with "Repair" of fixing it. If this test doesn't work, you need to reformat the DPR drives.

"Check DPR Memory" tests the DPR buffer memory and notifies you of any errors in this sector. In this case, you need to contact FAST Support or your dealer.

"Search SCSI for Devices" searches for all connected DPR drives. Check whether all connected disk pairs have been recognized.

"Display DPR Info" lists information about the DPR and the selected drive.

"Format DPR Drive" formats the selected drive. A dialog box offers you the options Optimized, 256k and 512k. These parameters refer to the block size to be used to format the hard disk (256 kilobyte/512 kilobyte). If you choose Optimized, a Speedtest will be conducted with both block sizes to automatically select the size for the fastest formatting.

The VMSTUDIO/DPR directory contains other tools that are useful for troubleshooting and repair (see also TechNote 29).

Useful tools have been grouped to solve problems with the drives:

All of the following tools are DOS programs and are run in the VMSTUDIO/DPR directory:

1. DPTEST.EXE tests whether all components of the DPR hardware and the FAST video bus connector function properly. Which test is actually run depends on the parameters in <mode>.

Important: dptest without parameters assumes that Video Machine is initializied to 300. If the address is set to 100, the following message appears:

"DSP Write Timeout VideoMachine doesn't answer."

dptest <dpr-adr> <log-file> scsi <vm-adr> <TV Stand>

We recommend initializing VM with vminit -i:300 before running DPTEST!

<dpr-adr> refers to a port base address for the DPR

<log-file> refers to an ASCII file to which the test results are written

<mode> specifies which functions should be tested:

<TV Stand> PAL or NTSC

scsi Note! This test runs a read-write test of connected drives. Data on the disks may be overwritten (this will generally only happen when the disks are very full [+90%]). The same tests are conducted as described under "No Entry". However, the signal frequencies are not built up. Communication between the DPR and connected SCSI devices are tested without using the dp.sys driver.

If Video Machine is allocated to an address other than 300, and if dptest is run without parameters, use the following command:

dptest 310 test.log none 100 PAL

This will run a "normal" dptest of the DPR at address 310, the logfile 310.log and test VM at address 100 in PAL.

2. DPFORMAT.EXE formats drives connected to the DPR.

dpformat <drive> <param>

<drive> defines the drive letter of the drive(s) to be formatted
<param> defines how the drive is to be formatted:

-b:<block-size> determines the block size during formatting. The choices are 256 kB or 512 kB (e.g., dpformat d: -b:512)

- <u>-t</u> tests drive(s) performance and determines the optimal block size. Formatting is then conducted with the optimum block size so determined.
- <u>-s</u> causes a non-destructive speed test to be conducted (read-only test)
- -L conducts low-level formatting that recognizes defective blocks and marks them so they will not be used.
 Note: after low-level formatting you should run a "normal" formatting operation
 (Parameter t).
- -l:1 t conducts a "boot-sector format" which only rewrites the boot sectors on the disks. None of the data on the disks is lost. Note: once this command has been executed, a message appears that all data will be lost. Ignore this message. By entering this parameter properly, no data will be deleted or lost (e.g. dpformat d: -l:1 -t).

No Entry Formatting will be conducted with a default block size of 256 kB

3. HDDINIT.EXE initializes the DPR drives (as of Version 3.98)

hddinit <dpr-adr> <vm-adr>

<dpr-adr> the DPR port address
<vm-adr> the VM port address

You can add this program to your Autoexec.bat in order to ensure that the DPR disks are initialized thoroughly. This is particularly recommendable if the error message "Drive appears not to be formatted" appears during the DOS-based part of the installation routine.

2. Difficulties that can arise during use:

Your system has run without problems for a certain period of time and suddenly errors begin occurring even though you haven't changed the configuration in any way.

This section lists the most common error messages and their possible solutions.

"HDD hangs"/ "HDD too slow"

If one of these error messages appears, start by checking the compression rate first that you've assigned the clip currently being used. If the compression rate is smaller than 1 to 10 (e.g. 1:5 or 1:8), chech whether the drives are able to keep up. To test the situation, digitize the clip in question at a considerably higher compression rate (e.g. 1:20). If the error no longer occurs, you drive is too slow for the previously set compression rate.

If this is not the case, the next step is to test the drives:

Run the "Check integrity of DPR Drive" test described under "F.Tools".

If no "Lost Clusters" are found, please read all tips under 1 (A bis F).

"Drive appears not to be formated"

If this error message appears, you need to determine which of the two scenarios described below has occurred.

- The error occurred once or rarely and is fixed by making a "cold start". You can also thoroughly initialize the drives by adding the hddinit.exe tool to the digital.bat. (see also readme.txt in software Version 3.98)
- If the error persists, make sure that the drives are activated as soon as the system comes up and follow the tips under I (A. bis F).

"Drive could not be mounted"

The error occurred once or rarely and is fixed by making a "cold start" or by adding the hddinit.exe tool to the digital.bat to make sure the drives are thoroughly initialized. (see also readme.txt in software Version 3.98)

Otherwise, check items A to F under 1.

"Dp.sys comunication failed"

Check items A to F under 1.

"DPR FAT BAD"

Run a boot-sector format.

Enter the following command at the DOS prompt in the VMSTUDIO/DPR directory:

dpformat [drive letter]: -I:1 t

	"Drive seems to be write protected"		
	Check items A to F under 1.		
Backgı	round:		
Solutio	on:		
Comm	nents:		
Technot	te 44		

If nothing happens, run a standard format operation or a low-level formatting routine (see "F. Tools").

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

FAST turnkey DPR drive integration

17.07.98

Description/ Symptoms:

Contents:

- I. Basic Information about Hard Disks
- II. Preparing the hard disks and the DPR
- III. Installing the hard disks in your PC
- IV. Software Perimeters
- V. General DPR Information

I. Basic Information about Hard Disks

A. What kind of hard disks can I use with the DPR?

As a rule, all SCSI-2, Ultra-SCSI, Wide-SCSI or Ultra-Wide SCSI hard disks can be connected to the DPR.

B. Requirements:

- 1. DPR hard disks should run at a minimum of 7000 rpm.
- 2. A guarantee of at least three years is best.
- 3. Ultra-SCSI or SCSI-2 hard disks are connected in pairs. You need two identical drives from the same manufacturer.
- 4. Hard disks with a capacity of more than 16.5 GB are not recommended since no more than 33 GB can be managed on a logical DPR drive (two drives 16.5 GB).

NOTE: Drives that will not allow you to disable the parity check cannot be used with the DPR!!

C. Which one is better: (Ultra) SCSI or (Ultra) Wide SCSI?

- 1. Wide SCSI hard disks can be used with the DPR. However, you will need a special cable that can be ordered from the FAST Fulfillment Center (http://www.fastmultimedia.com).
- 2. It is not necessary to use AV-modified drives for the DPR since the DPR has its own buffer memory (standard size: 10 MB).

D. FAST recommends:

- 1. Using the **SCSI-2 connections** on the DPR since it supports the highest data transfer rates.
- 2. Use pairs of SCSI-2 or Ultra SCSI drives.
- 3. **Ultra-Wide-SCSI** drives can be connected with the corresponding adapters (*50-pin SCSI-2 male connector to 68-pin Wide-SCSI male*) **in pairs** to the SCSI-2 connection.

II. Preparing the Hard Disks and the DPR

A. Jumper settings / Termination:

As a rule: An SCSI chain must be terminated at both ends, meaning that some form of termination must be added to both ends of the cable.

B. Jumpers on the DPR:

All three jumpers on the DPR should be set (enabled). Should you decide to use a different cabling variant, please refer to the manual or the help file for the correct jumper settings.

C. The following jumpers must be enabled on the drives:

- 1. The **Parity Check** must be **disabled** on all drives.
- 2. The last pair in the SCSI chain **must be terminated** (see Fig. under 3) or the end of the cable extending from the last pair (external terminator required).
- 3. The auto start should be enabled (if available).
- 4. Each pair of disks must be assigned a separate ID (see also Fig. under 3)

Please refer to the drive documentation to **make sure** which jumpers on the drive should be enabled to meet these four requirements.

III. Installing the hard disks in your PC

A. Ventilation and thermal problems:

1. Video hard disks are generally subjected to wear and tear that manifests in the production of heat.

- 2. We recommend making at least one blower available for each pair of drives.
- 3. When using two or more drives, an external case with separate cooling and power supply is recommended.

B. Cables:

Use high-quality cables whenever possible. To ensure that the drives connected externally function properly, high-quality double-shielded SCSI cables should be used.

C. Cabling Options:

As a rule, the number of adapters and separate connections in the cabling scenario should be kept to a minimum. For example: Connect an external case directly to the DPR by means of a flat conductor cable. The flat conductor cable must be fed out through one of the slot covers in the PC case without using an accident-sensitive adapter. Admittedly, this is not the most elegant solution, but, from a technical standpoint, it is the best solution and in our experience creates the fewest problems.

IV. Configuring the DPR Software:

A. Starting the system for the first time after connecting the drives:

- 1. After connecting the drives to your set-up, start Windows and call up the "DPR Configuration" program in the VM-Studio program group.
- 2. Click the button "Scan SCSI drives".
- 3. Once you have done so, your drives should be recognised by the corresponding ID address (If not, retrace steps already listed). Click OK and reboot.
- 4. Once you have restarted your system, the **DPR will recognise your drives**, and they can now be formatted.
- 5. In a few rare cases, Windows 95 may not start if unformatted disks are connected to your system. If this happens, the drives will have to be formatted under DOS (consult manual).

B. Formatting:

- 1. Go to the DPR Manager and select "Format DPR Drive" under Tools.
- 2. The dialog box gives you the options Optimised, 256k and 512k. These parameters define the block sizes to be used to format the drives (256 kilobytes/512 kilobytes).
- 3. If you choose Optimised, a Speed test will be conducted with both block sizes to automatically select the size for the fastest formatting.
- 4. Once you have finished formatting the disks, they are ready to record video.

V. Basic DPR Information:

A. Managing DPR Drives:

- 1. DPR drives should be formatted at regular intervals, specifically before beginning a new project. This prevents data artefacts from collecting as well as fragmenting of the disk.
- 2. As a rule, DPR drives should not be used to more than 80% of their actual capacity. The fuller the disks are, the slower they

	pecome hindering sufficient performance.
Back	round:
Solut	on:
Comi	nents:
Techn	ite 45

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS

CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

FAST VMPC Technote Calibrating LanC and Edit Control Devices

Description/ Symptoms:

Calibrating your machine in this way may remedy a constantly recurring editing error that has resulted in black or missing frames.

Machines that are controlled by the LanC or Ectrl protocols may exhibit **random inaccuracies** during the editing process **as a result of their mechanical drive properties**. Errors of this nature **cannot** be remedied by this calibration.

Depending on the timecode used, you will need to adjust the cabling. If you decide on **VITC**, the video output of the recorder has to be connected to the Video Machine video input connection since VITC is fed from Video Machine via this line. Naturally, this input also has be entered in Device Setup to match the cabling.

The decisive values that you can change in order to optimize the editing process are to be found in the drivers of the respective devices in VM Studio under **Tools** in **Device Setup**. Choose the device to be calibrated so that it is framed in black and then click SETUP.

Before you can complete the following procedure, your devices must be installed properly and a tape must be inserted into your recorder that has already been striped with timecode.

You can now begin calibrating the recorder since a recorder's frame-accurate editing capabilities are a prerequisite for the rest:

- 1. The first value to be determined is the **STILL DELAY** (only for Edit Control devices). The **STILL DELAY** determines the point in time at which the pause command is sent to the device in order to stop it at a specific position.
- · Click the REC button above the Timeline to open the "REC Control" window. Click the mouse at the very top of the timecode box, enter the value 00:02:00:00 (2 minutes) and enable GOTO.
- · Video Machine searches for the entered position.
- Read the timecode value that was reached and compare it to the desired value (00:02:00:00) and calculate the difference by subtracting the desired value from the displayed value. In your calculation, it is important that you take into account the appropriate sign (plus or minus)!

For example:

PAL--The displayed value is 00:01:59:23. You calculate: 00:01:59:23 - 00:02:00:00 = -00:00:00:02. You should be aware of the fact that the timecode display represents hours:minutes:seconds:frames. In this case, 25 frames per second are counted. The possible values are 00 to 24.

NTSC-- The displayed value is 00:01:59:23. You calculate: 00:01:59:23 - 00:02:00:00 = -00:00:00:07. You should be aware of the fact that the timecode display represents hours:minutes:seconds:frames. In this case, 30 frames per second are counted. The possible values are 00 to 29.

- · Repeat the test at least five times and calculate the mean value of the inaccuracies. Multiply this value by 2 and add it to or subtract it from (depending on plus or minus sign) the default value for **STILL DELAY** in **DEVICE SETUP**.
- 2. The next value to be tested is the **REC START SHIFT**. Modifying the **REC START SHIFT** delays the beginning of the devices' recording.
- · Place a graphic image (e.g. red.vm from the VMSTUDIOS\IMAGES directory) onto track V1 in the Timeline (for a duration of 30 sec.), place a hard cut at the beginning and record the clip.
- · Place a second graphic image (e.g. blue.vm) onto track V2 precisely 15 seconds after the beginning of the first graphic with a duration of 5 seconds; a hard cut proceeds at this point from V1 to V2. Then record the range of the second clip by marking it in the Timeline and clicking the Record button.
- · Open the REC Control box again and search for the point at which the red graphic is seen for the last time before the beginning of the blue graphic image (or a black frame).
- Note the exact timecode at this position and again calculate the difference between the displayed and the desired position by subtracting the desired position (to be read from the Timeline) and the actual position.
- Repeat this second calibration procedure at least 5 times and determine an average value from the inaccuracies detected. Subtract it from or add it to (depending on the sign) the REC START SHIFT value in DEVICE SETUP.
- 3. The next value to be checked is the **EDITING DELAY**. Modifying the **EDITING DELAY** will change the beginning and end of the devices' recording.
- · About ten seconds after the long red graphic image in test 2, alternate five red.vm and five blue.vm clips in the Timeline and join them with hard cuts.
- · Record the first two clips of the clip sequence by marking them in the Timeline and clicking the Record button.
- · Open the REC Control box again and search for the point at which the first graphic image begins.
- · Make a note of the timecode value at this point and calculate the difference between the displayed and the desired position by

subtracting the desired position (to be read from the Timeline) from the actual position displayed.

- · Mark the two subsequent clips, record them, proceed with the next two; and from all these tests, calculate the average of the inaccuracies.
- · Multiply this value again by 2 and add it to (or subtract it from) the EDITING DELAY value in DEVICE SETUP.
- 4. The last value to be checked is EDITOFF DELAY. Modifying the EDITOFF DELAY changes the end of the devices' recording.
- · Again, as you did above, add five alternate red.vm and five blue.vm files 10 seconds after the last clip and join them with hard cuts.
- · Record the first two clips by marking them in the Timeline and clicking the Record button.
- · Open the REC Control box again and search for the point at which the second graphic image ends.
- · Make a note of the timecode value at this point and calculate the difference between the displayed and the desired position by subtracting the desired position (to be read from the Timeline) from the actual position displayed
- · Mark the two subsequent clips and record them. Proceed with the next two clips, etc. From all these tests, calculate the average of the inaccuracies.
- · Multiply this value again by 2 and add it to (subtract it from) the EDITOFF DELAY value in DEVICE SETUP.
- 5. Finally, you will look at a setting that can marginally slow down the editing process, but that may in some cases actually increase the accuracy of the edit should that be necessary (e.g. with Sony's HDR 1000VC).

The function "NO REPOSITIONING OF CONSECUTIVE REC" causes the recorder to stop in pause mode after a scene has been recorded until the next clip is prepared. In this scenario, the recorder starts up in record mode after the pause mode is released. If this function is not enabled, the recorder returns to stop mode after the recording, rewinds a bit, and repositions at the beginning of the preroll position where it then waits in pause mode until the next scene is set up.

We recommend using the option "NO REPOSITIONING OF CONSECUTIVE REC" since in addition to making the editing process faster, there is also less mechanical wear on the devices. However, if you are dissatisfied with the editing results provided by your recorder, we do suggest that you disable this option.

The recorder is now calibrated and, within the scope of its actual performance capacity, will record as accurately as possible. We can now go on to take a look at the player. The following description assumes that the STILL DELAY was also calibrated for the player (only for Edit Control devices) as described above. Instead of the REC Control box, when calibrating the player, you will use the Clip Editor.

- 6. The only value that is decisive for the accurate playing of clips from the player is PLAY DELAY. Modifying PLAY DELAY shifts the beginning of the insert. It is very easy to calibrate this value.
- · At the end of the Timeline, alternately add the same video clip five times with an interval of 10 seconds in between. You should use a clip that was defined for the player to be calibrated.
- · Mark the clip and record it with the calibrated recorder. Open the REC Control box and search for the point at which the video clip
- · Make a note of the timecode value at this point and calculate the difference between the displayed and the desired position by subtracting the desired position from the actually shown position.

Repeat this process by marking and recording the individual clips one after the other. Calculate the average value from the inaccuracies

Disclaimer:

and multiply this figure by 2 and add it to (subtract it from) the PLAY DELAY value in DEVICE SETUP .
Should it be necessary, you can repeat this calibration of the player for a second player if you use two devices. You need to be aware that in all of these tests random inaccuracies of +/- 1 frame can occur. This random shift cannot be remedied through this type of calibration. Moreover, it may confuse the results of the tests presented above. That is the reason why all tests sho be conducted at least five times in order to exclude the element of change by determining an average value. If you still don't feel you can trust your test results, it really does make sense to repeat them several times.
It is recommended to use the default settings for all other options in Device Setup.
Background:
Solution:
Comments:
Documentation for your LanC or Edit Control Device

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

FAST VMPC Technote Luma and Chroma Keying with VM/DPR

07.11.97

Description/ Symptoms:

You want to use VM and the DPR to make parts of a video clip transparent, and to make another video source visible through the transparent parts.

VM lets you use the Timeline to change the transparency of color or brightness ranges of a video clip. To do so, you can use the following procedures:

1) Place the background clip (the clip that is to appear in the areas of the clip that have been made transparent) onto track V1. Place a foreground clip (the clip that you want to make transparent in certain areas) at the appropriate place in track V2, but below the clip in V1.

Cut to the clip in track V2 with a hard cut. Open the DVE Editor by double-clicking the hard cut. On the left side of the dialog box is the "Keying" option. Enable this option. The window that now opens contains settings to manipulate the luminance (the brightness values) and the chroma key (the color values.) Best results are achieved with a luma key. If you have decided on chroma keying, select the button next to the word "Chroma" (it turns green when selected) and use the arrow below and to the right to select a color range that you think best corresponds to the color area of the foreground clip.

Save the effect before closing the box.

To be able to see what the effect will do, you will need to run a preview. You will not be able to view the effect by scrubbing with the mouse across the Timeline.

Now that you have modified the hard cut, you have assigned a key to the entire V2 track. You will thus have to reverse the effect after the clip has ended.

To reverse the effect, mark the hard cut, press the CONTROL key and use the mouse to drag the effect to the end of the clip and onto track V1. Open the DVE Editor again and select the Keying option. Click the "RESET" button. When you now save the effect, the keying option is disabled for the rest of the movie.

However, to get the best possible results, you need to watch a few things. The key comes out best when you work with a neutral, unicolor background. Professional editors prefer to use blue and green (i.e. the blue box and the green box.) Make sure that the background is uniformly lit to prevent shadows from obscuring a clean keying effect.

- 2) If you are working with the **DPR**, you can optionally run a preview of the clip you want to key as you select the color or brightness ranges. The advantage of this procedure is that you can actually see whether you have defined the appropriate key area. To do so, you need to open the Clip Editor for the foreground clip in the Timeline with a double click. Select the "Swiss Army Knife" icon. In the subsequent dialogue box, you will find the "LOOP PLAY" function. This option plays the clip as a continuous loop and constantly feeds it to the output. Leaving the Clip Editor open, edit the hard cut as described above. The only difference is that you will now see a direct preview of the keyed clip on your output monitor.
- 3) The following options are available for inserting **subtitles or a logo as graphics**: Use a graphics or animation program such as Photoshop or Crystal Graphics Flying Fonts to create a graphic image that includes an alpha channel (32-bit TGA graphic). This additional information defines which areas of the picture will be visible or transparent later. Video Machine is able to read this information and to display the specified areas either solid or transparent accordingly.

If you don't want to work with an alpha channel, you also have the option of creating a graphic image in the VM Titler. To do so, select the "Print" option in your graphics program and choose the VM Title Driver from the listed options. Under the "Mapping" option you can now define the color areas to be displayed transparent. As the direction of travel you should choose "Still". With "Save As" you can print the title to Video Machine.

4) If you are working with **VM Studio PLUS** and want to use the keying option with Multilayering you need to know that the VM keying cannot be rendered.

In order to be able to key clips and graphics anyway, you will have to use a key filter. These filters are available from Boris FX 3.0 from Artel Software Inc., for example.

If you have installed this program and selected the plug-in with the "Add" function under "Render Options", specifying the plug-in in the Boris Settings directory, the new effects group named Adobe FX and a new entry in your Filter window will be created. You will only find one entry for Boris FX in the Filter and Effects windows because Boris FX lets you create individual filters and effects.

In order to be able to work with a key filter, double-click the clip to be made transparent while simultaneously pressing the shift key. In the Video Filter window that opens, choose Boris FX and open the Boris Settings by click "add". In the window that opens, choose the Filter option. This opens another window that contains both a control and a preview window. Next to the "Type" option you will find a folder labeled "none". Click the folder to view a list of the appropriate filters. Make your choice; chroma key for example.

You will now be given different options regarding the settings for the filter. You can also simply choose the "colors" folder and click the "pipette" icon. This lets you choose the color area in the preview window. In order to check the results of your keying effect, use the filter controls.

· · ·
You now need to render the clip marked in red in the VM Timeline with the "Render Filter" function.
Background:
Solution:
Comments:
VM Studio Manuals
Disclaimer:
FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS"
SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS
FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED
THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR
OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS
CONCERNING ITS ACCURACY AND USE.
ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND

WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO

© Copyright FAST Multimedia AG. All rights reserved.

LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

If you like the results, close this window and the next one by clicking OK.

How can I use the DPR to produce video CDs? (DPR to AVI conversion)

05.11.9

Description/ Symptoms:

You have used the VM/DPR to create several clips and now want to use these to produce an AVI or an MPEG-1 file in order to burn it onto a CD, for example.

Background:

In producing a multimedia CD, it is important that the CD can be played by all kinds of PCs, regardless of the brand of hardware used. To make this possible, the video data has to be stored in formats that meet this requirement, such as Intel Indeo-coded AVIs or MPEG-1 files.

Solution:

There are three ways of producing AVI files from DPR clips:

1. Output as an AVI file with Media Mania Broadcast Version 2.0 or VM Open (both from AIST):

The Media Mania Broadcast software (Version 2.0) lets you read DPR clips directly from the DPR hard disks (for more information, please refer to TechNote 40) and save them in different formats on the system hard disk. The available formats are listed under *File>Render Setup*.

2. Output of single frames with 'Split Clips to Images'

You also have the option of breaking DPR clips down into a sequence of single frames in VM-Studio by using the function "Split Clips to Images" and then storing them on the system hard disk. The sequence can them be converted into an AVI file by an editing software application like Ulead's MediaStudio or Adobe Premiere. The new file can then be played by software.

3. Analog output and simultaneous digitizing with a video capture card

A third option assumes your system configuration includes extra, separate hardware (a video capture card) like FAST's Aviator Speed product to produce AVI files.

This version is also the fastest (and probably most affordable) way of creating (Indeo) AVI files. To create the file, Video Machine's video output line is connected to the input of the video capture card. The clip is then played in Video Machine and the capture application's recording feature is started. AVI files produced in this way do not require specialized hardware for playback. We recommend installing Aviator in a separate computer, but have also tested the board in a setup that had everything installed in one PC.

There are two ways of creating MPEG-1 files:

1. Using software to convert AVI files into MPEG

In this process, we assume that the procedure described above was successfully used to create an AVI file. The AVI files can be converted with programs such as "Xing MPEG Encoder" or the "Ulead MPEG Converter". Admittedly, this can be somewhat complicated and time-consuming. Method 2 is simpler and faster (but also more expensive).

2. Creating MPEG files with MPEG Encoder Hardware

The second and considerably more elegant, but also more expensive option is briefly described. In this scenario, additional hardware installed in a second computer is used to create the file.

MPEG Encoder Hardware (e.g. from Optibase, http://www.optibase.com) makes it possible to create MPEG (real-time) files rapidly without having to put up with prolonged computing times.

Comments:

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

FAST VMPC\DPR Technote

TIPS for working with Media Mania and VM/DPR

18.02.9

Description/ Symptoms:

TIPS for working with Media Mania and VM/DPR

Media Mania Broadcast Version 2.0 lets you add video clips produced with the DPR as well as output an animation as a DPR file.

The following basic settings must be taken into account:

1. Import DPR clips

To load a DPR clip in Media Mania, go to "Object" -> "New Object" -> "Filmstrip Icon" -> "Continue"

A dialog box will appear. Select the DPR HDD first, and then the clip. Confirm with "Continue". Choose "simple.bhv" + "Continue"

Choose "Proportional" in the following dialog box and confirm with "OK".

The box "Film Properties" opens.

Since the DPR only works with fields, click the "Fields" option and choose "Even/Odd" and confirm with "OK".

The program then loads the chosen clip.

2. Output as DPR clip

Proceed as follows to save an animation once it is completed as a DPR clip: go to "File" -> "Image Resolution Settings".

Change the following settings in this dialog box:

Format: Digital Video Recorder Compression: //// FAST Type of mass storage: hard disk

Width: 786 Height: 576

Fields: Even/Odd

Quality: this setting corresponds roughly to the compression rate of the VM/DPR, meaning that 100% would be a 1:1 compression. Depending on HD capacity and performance you should enter the following values: e.g. 98%= 1:3; 97%= 1:5; 95%= 1:8.

The new values can be saved for later use. Enter a name in the line "Pattern", e.g. DPR, and then click "Add". For subsequent actions you only need to click this name, and the settings will be retrieved. Quit this box by clicking "OK".

Now, to write to the DPR HDDs, choose "File" -> "Image Resolution".

Enter the DPR drive as the target drive in the following box and then specify a reel for the animation to be written to.

Please note the file extension in naming the files: e.g. dpr00010.!v The clip to be calculated should always be saved to an existing reel.

Make sure that the settings listed in the small box are what you need.

Once this process is started, Media Mania begins rendering an animation for storage on DPR disks.

Once the program is completed, open the VM and DPR Manager and copy the reel containing the completed clip into a VM project.

Background:

Solution:

Comments:

Manual Media Mania

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

FAST VMPC\DPR Technote DPR: Importing AVI Files/ Video Machine DPR System

Description/ Symptoms:

Background:

Use the following steps to import an AVI file

Solution:

- 1) Open the Group menu in VM program choose, Create an animation group.
- 2) Give a name and number for the reel, in the group settings. then click Ok.
- 3) Click on the disk icon in the reel group that you have created.
- 3) Click on selection call importing animation files.
- 4) From the import movies menu, select the directory and file name. then click Ok.
- 5) In the Animation group settings, select the reel, to which the AVI file clips is to be placed.
- 6) Option; compression ratio can be selected for the DPR setting at this point.
- 7) Click on the select icon. Graphics editor option will displayed. make selections, then click, Ok. Then animation will be rendered.

Thanks to ///FAST US

Comments:

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

Starting PCs in Different (DPR) Configurations

31.10.96

Description/ Symptoms:

You want to start your VM-DPR system without the DPR, meaning that you want to prevent the drivers dp.sys and the batch file digital.bat from being executed.

As of DOS version 6.0, you have the option of starting the operating system in different configurations. To do so, modifications are made in the files *config.sys* and *autoexec.bat* which, among other things, cause a start menu to appear when the PC is powered up that contains a list of optional configurations. This feature is also included in Windows 95! The following example lists several of the options:

- 1. Without DPR
- 2. With one DPR drive
- 3. With two DPR drives

It is assumed that the DPR uses the I/O port address 310 and that the first DPR drive uses SCSI-ID0, and the second SCSI-ID1.

config.sys:

[MENU]

menuitem=NODPR

menuitem=ONEDRIVE

menuitem=TWODRIVES

[NODPR]

[ONEDRIVE]

REM ///FAST Multimedia AG (C) 1995

DEVICE=C:\VMSTUDIO\DPR\DP.SYS -i:0 -w:0 -p:310

[TWODRIVES]

REM ///FAST Multimedia AG (C) 1995

DEVICE=C:\VMSTUDIO\DPR\DP.SYS -i:01 -w:00 -p:310

[COMMON]

REM What follows here is the "general" section, containing drivers etc. that should always be loaded.

autoexec.bat

goto %config%

:ONEDRIVE

REM ///FAST Multimedia AG (C) 1995

CALL C:\VMSTUDIO\DPR\DIGITAL.BAT

goto END

:TWODRIVES

REM ///FAST Multimedia AG (C) 1995

CALL C:\VMSTUDIO\DPR\DIGITAL.BAT

goto END

:NODPR

REM Only VM will be initialized.

REM Switch to drive where VM-Studio is installed and switch to the VM-Studio directory.

C:

CD \VMSTUDIO\DPR REM Init VM with the appropriate port address. vminit -i:300 goto END
:END REM The entries here are the options you always want to be loaded. doskey /insert keyb gr SET PATH=C:\VMSTUDIO;%PATH%
Background:
Solution:
Comments:

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

Fading in 4 Clips Simultaneously

31.10.96

Description/ Symptoms:

You want to create a sequence in VM-Plus in which four video clips are shown on screen at the same time whereby each clip fills one quarter of the screen.

Use the following steps to produce this effect:

Select the Generic DVE and double-click the effect. This opens the DVE Editor.

Enter the following parameters in the lower right-hand box (OUTPUT WINDOW, Transition Out):

Left: 10; Top: 288; Right: 394; Bottom: 566;

Move the blue box into the lower left-hand corner in the lower left-hand box (OUTPUT WINDOW, Transition In).

Save your changes and quit the DVE Editor.

Place a longer clip onto the V1 track together with the effect you have just edited. In the "Preview", the clip should move into a quarter of the picture starting from the lower left-hand corner.

Place a second clip of somewhat shorter duration into V2 shortly behind the first effect, lining it up with the last clip in V1. Add a Generic DVE to V2 and edit the effect as follows:

Lower right-hand box:

Left: 10; Top: 10; Right: 394; Bottom: 288;

Lower left-hand box:

Blue box in the upper left-hand corner.

Save your changes and quit the DVE Editor.

The second clip should appear in the upper left-hand quarter of the picture.

Both effects have yet to be combined (click both effects while pressing Strg/Ctrl, choose the LINK option from the EDIT menu).

Select the range of clips and initiate the option Render Render Selected Range.

Once the clip has been rendered, replace both of the clips in the timeline with the rendered clip. Delete the original effects. Return to the beginning with a hard cut to V1. Add another clip to V2, placing it near the beginning of the clip in V1, lining it up with the end of the clip. Add a Generic DVE to V2 and edit the effect as follows:

Lower right-hand box:

Left: 374; Top: 288; Right: 758; Bottom: 566;

Lower left-hand box:

Blue box in the lower right-hand corner.

Save your changes and guit the DVE Editor.

The third clip should appear in the lower right-hand corner of the picture.

Select the range of clips and initiate the option Render Render Selected Range.

Once the clip has been rendered, replace both of the clips in the timeline with the rendered clip. Delete the original effects. Add another clip to V2, placing it near the beginning of the clip in V1, lining it up with the end of the clip. Add a Generic DVE to V2 and edit the effect as follows:

Lower right-hand box:

Left: 374; Top: 10; Right: 758; Bottom: 288;

Lower left-hand box:

Blue box in the upper right-hand corner.

Save your changes and guit the DVE Editor.

Now when you run the "Preview", all four clips are shown on screen at the same time.

Another helpful hint: Black edges may appear in picture-in-picture effects. These can be "cropped" off. To do so, use the following procedure:

Double-click the picture-in-picture effect to open the DVE Editor. Enable the "Border" option (lower left) and click "Settings". This opens the "DVE Border Settings" dialog box. Enter the width and height (e.g. width: 10, and height: 5) and enable "Transparency", setting it to 100% (this is the decisive factor!).

100% (this is the decisive factor!).	 • ,	
Background:		
Solution:		
Solution:		
Comments:		

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

Interesting facts about the FAST Hardlock Twin

14.10.96

Description/ Symptoms:

I - Hardlock Twin

1. Hardlock cannot be found on the parallel port

1.1. "Difficult" interfaces

Problems may occur when the Hardlock is queried at weak interfaces, particularly when a cable or another dongle is located in front of the Hardlock. We are also familiar with "non-transparent" dongles (Sentinel Pro) from Rainbow. In this and similar cases, the Sentinel Pro should be plugged in behind the Hardlock.

Some PCs will not initialize the interface until it has been used once to print. In this case, the PC does not recognize the parallel port and thus the Hardlock until after the printing process. This peculiarity occurs frequently with Notebooks and Green PCs and can always be disabled.

In contrast to the serial interface, the parallel interface (Centronix) does not have a defined output voltage. This is why we cannot solve problems regarding the port power. In this case, the only option is to replace or add an another parallel port.

1.2. EEP/ECP Mode

Check whether the printer port has been set to ECP mode. On the hardware side, this "Enhanced Capability Mode" is available in most new I/O controllers and enabled via the PC BIOS. In addition to a hardware handshake when data is exchanged with the connected device, this mode also uses a small FIFO memory for the data to be released. This should result in a higher communications rate at the parallel port.

Use of modules of all types, including the Hardlock dongle, results in a communications error since the control sequence "get stuck" in the FIFO memory and the software protection module does not support the handshake mechanism.

The Hardlock API Version 3.25 and higher (August 95) can run ECP mode automatically if so instructed and returns the port to "Compatible Mode", i.e. the standard mode for Hardlock querying. **However, please note**: no errors will occur provided the data exchange on this port is not interrupted via ECP (loss of data in FIFO)!

The automatic initiation of ECP mode is enabled via the HL_SEARCH environment variables: SET HL_SEARCH=278e,378e,3BCe

Since customers in most cases will not use the ECP mode, the BIOS can be used to deactivate the mode.

2. The Hardlock is supposed to be found at the serial interface

As of Hardlock API Version 3.50, environment variables can be used to access the serial port addresses. Entry of the search order is the **only** way of addressing the Hardlock II Twin Protection on the serial interface.

SET HL_SEARCH=2f8s

The Hardlock is sought at the local serial interface with the address 0x2f8.

3. Search order and environment variable HL_SEARCH in the Hardlock API

i = IBM PS/2 special handling ----- Interface address Samples: SET HL_SEARCH=378p The Hardlock is only sought at the local printer interface with the address 0x378. SET HL_SEARCH=378p,278p,3BCp,IPX,NETBIOS This corresponds to the automatic search order when the environmental variable is not set. This entry is thus redundant. Entering "i" solves access problems caused by the reprogramming of the control register of the parallel port by certain drivers (graphics, printers) under Windows. Hardlock is not detected under Windows (3.x, 95, NT) (or after Windows has been restarted). Since it is generally difficult to reset the control register, this behavior can now also be enabled by entering the environment variables (e.g. SET HL_SEARCH=378i)! The multiplexer of a Compaq Contura DockingBase (for switching between the parallel port and an Ethernet adapter) is reset to the parallel port to query the Hardlock (e.g. SET HL_SEARCH=378c).

4. Can Hardlock destroy the parallel interface?

No! The Hardlock E-Y-E is a passive module with TTL logic (without internal power supply). Since Hardlock only toggles the BUSY line during communication, the parallel port cannot be destroyed.

II - Hardlock Drivers

Drivers for Windows 95
In Windows 95, the Virtual Device Driver HARDLOCK VxD gives the user access to the Hardlock without interference on the part of Windows. HARDLOCK VxD is simply copied into the Win95 system directory. No other entries are required in the system files.
Background:
Solution:
Comments:
Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

FAST VMPC\DPR Technote VMPC\DPR: XSHIFT and YSHIFT 20.09.96

Description/ Symptoms:

After you have rendered a graphic or a video clip, you notice a disturbing horizontal or vertical shift in the video picture in comparison to the original image.

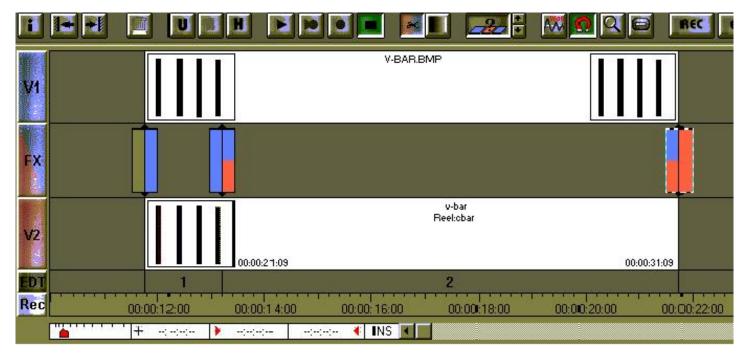
Background:

Video Machine uses a so-called video memory controller that has been modified several times over the course of the last years. This means that there are different versions of the controller. We have discovered that these different versions react differently during the rendering process. In some cases, it may be necessary to specify SHIFT parameters. The software cannot adapt automatically to the different VMC (video memory controller) versions since the software is not able to detect the different VMC versions. For this reason, it may be necessary to adjust the XSHIFT or YSHIFT parameters manually. How this is done is described in the following section.

Solution:

The XSHIFT and YSHIFT parameters are defined in the [DPR] section of the VM.INI file. XSHIFT controls the horizontal shift of the video picture, YSHIFT the vertical shift. In order to "measure" the horizontal shift (if it is present at all), proceed as follows:

- 1. Create a graphic consisting of vertical bars and name the file v-bar.bmp, for example.
- 2. Load the graphic in a "Graphic Group" in VMStudio PLUS! and assign a "Duration" of 5 sec. to the graphic.
- 3. Put the v-bar.bmp file into the Timeline and save the movie as v-bar.mov.
- 4. Use the function "Render Movie" to render the movie.
- 5. Drag the rendered clip within the Timeline until it is parallel to the v-bar.bmp graphic. Add a "split fade" as illustrated in the following figure:



Use the following procedure to create a "split fade":

Start with a hard cut that you will modify in the DVE Editor. Reduce the size of the blue rectangle in the "INPUT WINDOW Transition IN" window until it has the values Left=0, Top=288, Right=767, Bottom=575. Repeat this step for the other blue rectangles. Then save the effect.

Now, when the movie is played, both video tracks will be displayed at one time when the cursor (playline) in the Timeline reaches and passes over the "split fade". This gives you the opportunity of checking whether a shift occurred during the rendering process.

If a shift has occurred, a line must be added to the VM.INI file. Open the Windows 95 Explorer (VM-Studio does <u>not</u> have to be terminated first!) and look for the file VM.INI in the "Windows Directory". Double-click the file to open it.

Look for the line [DPR] and add the following line immediately thereafter

XSHIFT=N

in which case N stands for the number of pixels by which the picture of the rendered clip is to be shifted. Negative values shift the picture to the left, positive values to the right. 0 is also an option!

Save the file, close it, and return to the VM-Studio environment. For the new XSHIFT to take effect, the DPR must be initialized again, meaning "DPR Reset" must be invoked. To do so, proceed to Device Setup (in the submenu of the TOOLS menu), chose the VM Digital Player and then click the "Setup..." button. This calls the Digital Player Setup containing the "Reset DPR" button. Click the button.

Repeat steps 3 to 6 until you have found the right parameter.

The YSHIFT parameter is corrected in the same way as the XSHIFT parameter, with the difference that horizontal bars are used and that the split fade divides the picture in the vertical and not in the horizontal.

Comments:

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

Creating a WaterRipple effect with VM-Studio PLUS

17.09.96

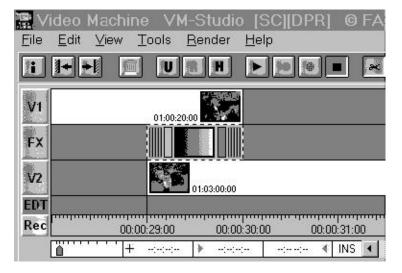
Description/ Symptoms:

Use the following steps to create a WaterRipple effect. All instructions are optional. You can make changes at any time to produce your own personalized effect.

In this example, we use only two clips. For best results, use digitized clips in which only 1 field has been digitized. If you use 2 fields, the output might be "jittery".

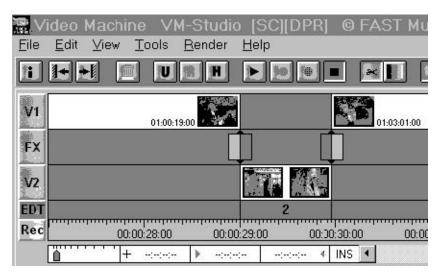
Place both clips into the Timeline, one in V1 and the other in V2 (see Fig. 1). The FX used between V1 and V2 is a Next step is to put both clips on the timeline, one clip on V1 and the other one on V2 as in figure 1. The FX used between V1 and V2 is a dissolve.

Figure 1.



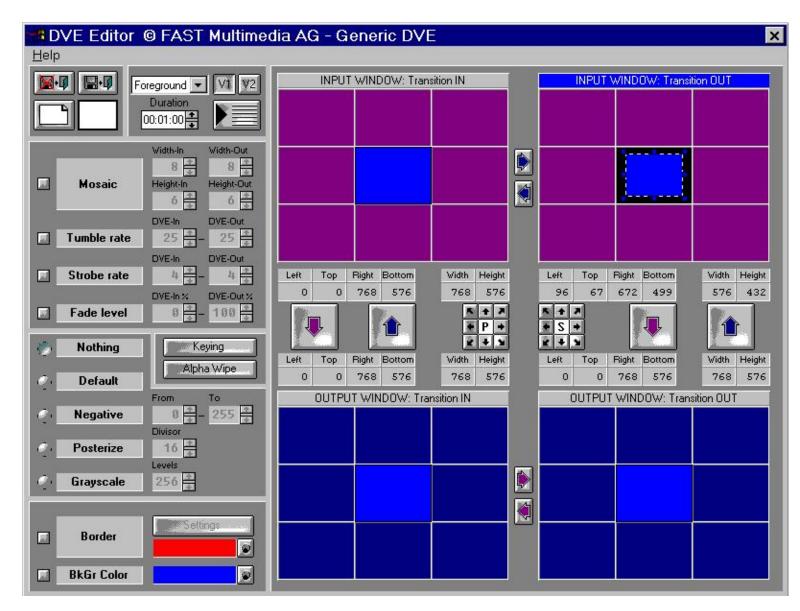
Select the dissolve only. It must be rendered. After rendering, you need to cut clip 1 and clip 2 precisely at the beginning and end points of the dissolve. Toggle clip 2 to V1 and place the rendered clip on V2 between clip 1 and clip (see Fig. 2).

Figure 2.



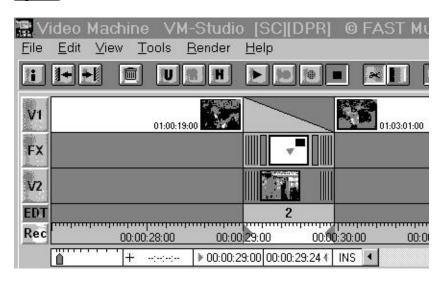
So far so good. We will now go on to create the ripple. By double clicking the rendered clip (clip 3) while pressing the SHIFT key, you open the "Video Filter" menu. Select 'Punch'. Use the option menu that opens to modify the filter settings. The 'Start' value should be changed to 1 and the 'End' value should be 100. Select OK and add the 'Ripple' filter. Use the option menu to change the direction to 'From Center' and the frequency to 'High'. The 'Start' value should be 1 and the 'End' value should be e.g. 300. Press OK twice. The color should change to red, meaning that the clip has not yet been rendered.

You now need to create a Video Machine DVE that produces a 'zoom in' for e.g. 75%. The DVE should resemble figure 3.



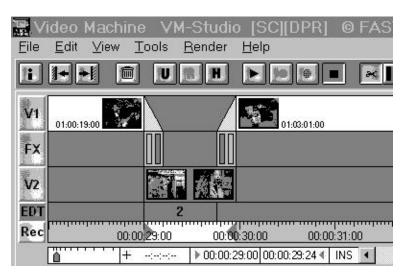
After saving your work, the Timeline should resemble figure 4.

Figure 4.



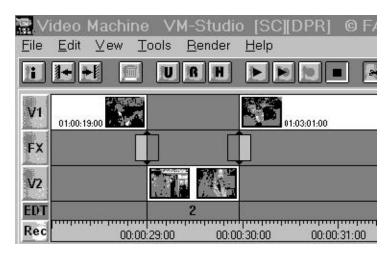
Select clip 2 only. Choose 'Render selected range' from the 'Render' menu. After rendering, delete clip 3 and the 'zoom in' FX from the Timeline. Place the new rendered clip, clip 4, into V2. Place a dissolve into the FX track approximately 5 frames before the beginning of clip 4 and another dissolve of about 5 frames at the end of clip 4. By double clicking clip 4 while pressing the SHIFT key, you will open the "Video Filter" menu again. Select 'Motion Blur'. The Options menu should have the following settings: 'Light Source' = Camera, 'Start': 'Length' should be set to 2 with 'Angle' set to 0, 'End': 'Length' should be 20 with 'Angle' set to 0. Click 'OK' twice. Your Timeline should resemble figure 5.

Figure 5.



Select 'Render selected range' from the Render menu. Replace clip 4 with the new rendered clip, clip 5. Replace the dissolves with a standard hard-cut. Your WaterRipple is finished and the Timeline should resemble Figure 6.

Figure 6.



Technote created by Rob Tilburg/ 19.08.96

Background:

Solution:

Comments:

n.a.

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS

SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

How to create a fade to/from a certain color

24.10.97

Description/ Symptoms:

You want to generate a fade to/from white (or the color of your choice) or a special color effect.

Background:

Solution:

1. The following paragraph describes how to create a fade to white (or the color of your choice):

Create a new DVE group (or use a DVE group you have already created). Then open the DVE Editor. Set the "Fade Level" to 0% for "DVE-In%" and to 100% for "DVE-Out%"; click "BkGr Color" and select white (or the color of your choice).

Do not change the size of the input windows in the "Effect" boxes; instead, resize the output windows, reducing them until they are no larger than a small dot, centered in the displayed area (the blue area is no longer visible). Set the duration of the dissolve to the desired value. Give the effect a name and save it. Remember that this effect must be assigned to the video channel opposite the one where the video clip you want fade to white will be inserted.

Play the effect... and it works!! Why? Setting the fade-in to 0%, the fade-out to 100%, and the background color to white is obvious. Most problems occurred when customers tried to create this effect themselves.

In fact, if you fail to reduce the output windows to a mere dot on screen, you will see a normal fade to black when you run the effect. The output windows must be reduced since this is the only way the video signal you want fade to white will disappear, leaving the white background to fade-in. Otherwise, the video signal will disappear, but what will be left is just black since the signal itself is always covers the background.

2. The following paragraph describes how to create a fade from white (or the color of your choice):

The procedure is the same as the one used to create a fade to white with the difference that the Fade Level is set to 100% for DVE-In% and to 0% for DVE-Out%.

3. The following paragraph describes how to create a color effect:

This is a special effect that superimposes a transparent color on a black-and-white live video. This is something anyone can do with VM-Titler and any other graphics program; but it does, however, require a video channel and time to load the file. You can achieve this with a custom effect.

Proceed as follows:

Create a new "DVE Group" (or use a custom DVE group that you have already created). Call the "DVE Editor". Set the "Fade Level" to 0% for "DVE-In%" and to 50% for "DVE-Out%" (the final value represents the level of transparency of the superimposed color). Click "BkGr Color" and select the color you want to superimpose; select the video channel opposite the one where you will put the video signal (V2 if you are going to insert the clip into V1). Again, leave the input windows at their default values and reduce the output windows to a dot centered on screen. Enter a duration. Save the effect. Create another new effect: click the "Grayscale" button and save it. Give it the same duration you set for the first effect.

Now, split the FX Track to double mode; assume you want to apply this color effect to a clip in channel 1. Put the first effect you created into FX track 2, and the second into FX track 1, directly above the first one. Link the effects. That's all there is to it! The second effect converts the video clip to B&W; the first effect adds the background color to the clip with the transparency level set in Fade Out%. This is why the output windows must be reduced to a dot: if you want to see the background color, there must be no foreground signal.

Comments:

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

FAST VMPC Technote Video Cabling with VM-Studio 3.0 and Cable Splitter

Description/ Symptoms:

No video out when a video source is connected to In2 at the cable splitter.

Background:

Because VM-Studio supports Alladin Mediaprinter, the input is always routed to framestore 1 when working in the Project Manager. Since In1 and In2 cannot be cross-routed (or cross-switched) when the cable splitter is used, a video source connected to In2 cannot be routed to the output.

Solution:

Use In3, In4, In5, In6

Comments:

n.a.

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

FAST VMPC\DPR Technote Overlay Animation

<u>25</u>.01.96

Description/ Symptoms:

You want to record a single-frame animation consisting of frames containing an alpha channel (e.g. 32-bit *.tga graphics produced in Photoshop) with a digital DPR clip in the background.

Background:

In Video Machine, the DPR cannot be defined as both player and recorder at the same time. The Timeline cannot be used to record an animation containing alpha information together with a video signal. In order to be able to produce an overlay animation, an Animation Background Rack must be used: New Graphics Group -> Load Graphics -> Create Animation Background Rack.

Solution:

The DPR clip to be run in the background of the animation is placed into the Animation Background Rack. Only one Animation Background Rack should be opened per project.

The animation is then recorded using the functions in the DPR pop-up menu (Build Single-Frame Animation) in the Graphics Group. At the same time, the DPR clip is played in from the background rack.

If the Background Rack contains several clips, the last clip enabled in the window will be used for the background.

To produce a high-quality overlay animation, choose the lowest compression rate possible. The background clip should also have been compressed at a particularly low rate. As the overlay animation is created, the background clip is decompressed and then compressed a second time. This means that it is "played" and then re-recorded. The clip is thus a second generation digital clip, which should not be a problem at lower compression rates, but will have a doubly negative effect on image quality at high rates.

Comments:

n. a.

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

Video Machine - Technotes

 $\langle br \rangle$

31 Overlay Animation 3 30 Framegrabbing with the DPR 28 Copying/Generating VM VITC 8 27 DPR-Audio: A-Z 8 25 DPR: Managing and Deleting DPR Clips 24 Interference in clip picons 8 22 DP/R: RAM Upgrade 3 3 21 DP/R: Use of a Live Player 3 20 DP/R: Importing WAVE Files 19 PAL/NTSC Conversion with Video Machine 3 18 Video Machine and the ATI Ultra Pro Graphics Card 3 17 VITC on the Master Video Recorder 8 16 Audio Dub with Consumer Recorders 14 Simultaneous Playback of Roll/Crawl Titles and Effects 3 3 13 Two Simultaneous Roll & Crawl Titles 3 12 Timing with Alpha Wipes 9 Titles with MS WinWord 8 8 Vertical Image Shift 8 7 Image Dropout during Fast Shuttle Operation 8 8 6 8-Field Sequence with PAL 4 Timecode Error 8 3 Preroll Times 2 A/X Roll 8 1 Black Frames in Insert Mode [Previous Page | Next Page ▶

FAST VMPC\DPR Technote Framegrabbing with the DPR 04.01.96

Description/ Symptoms:

You are using digitized clips or animations and want to save one single frame from one or the other as a graphic.

Background:

Solution:

There are several ways of doing so:

- 1) Play the clip in a loop and save the frame:
- Place the desired clip into the Timeline.
- Open the Clip Editor by double-clicking the clip **in** the Timeline. Click the Swiss army knife symbol in the Clip Editor and choose "Ping Pong Play" or "Loop Play". Make sure that you **don't** accidentally close the Clip Editor! Choosing one of the two options will cause the clip to be played continuously.
- Create a Graphics Group, choose "New Graphic" and click the camera icon.
- Enter the file name of your choice in the "Grab Image As" dialog box and select a graphic format. Choose In1, 3 or 5 as the VM Input if you have placed the clip into V1, or choose In 2, 4, or 6 if you have put it into V2. If your setup includes the YUV Component Interface, you have the option of using the YUV inputs.
- The frame is captured and stored as soon as you press the "Click" button.
- 2) Split Clip to Images
- The Group containing the desired Clip must be designated for use with the DPR ("Switch to DPR").
- Choose the command "New Clip" and select the desired clip.
- Set the Mark In at the desired position and enter one frame (00:00:00:01) in the "Duration" field. Quit the Clip Editor with "Use" and "Exit".
- Now choose "Split Clip to Images..." from the menu of the Reel Group.
- Enter the file name of your choice in the "Grab Video Frame As" dialog box and then click "OK".
- 3) Save frame from framestore:
- Place the desired clip into the Timeline into V1 (V2)
- If you shorten (extend) the length of the clip (drag&drop), the last frame of the clip will appear on the monitor. This frame is also contained in the Video Machine framestore V1 (V2).
- Create a new Graphics Group.
- Use "New Graphic..." to open the Graphic Editor and click the camera icon.
- Set the VM Input to V1 (V2) in the "Grab Image As" dialog box, enter the file name of your choice and select the graphics format. Press "Click" to save the frame.

Comments:

n.a.

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT

CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

FAST VMPC Technote Copying/Generating VM VITC 17.08.95

Description/ Symptoms:

A recorded tape without VITC is to be copied using Video Machine. VM VITC is to be copied onto the master by Video Machine.

Background:

Video Machine converts the incoming analog video signal into a digital signal that is processed on board and then output again as an analog signal. Video Machine is able to insert VM VITC into the vertical blanking interval of the video signal. In this way, by making a copy with Video Machine, it is possible to generate VITC on tape material without VITC.

Solution:

Proceed as follows to copy a recorded tape without VITC onto another tape and stripe the tape with VM VITC:

- 1. Conduct a First Edit on your master tape and interrupt/cancel the edit after at least two minutes have expired.
- 2. Switch to Assemble mode.
- 3. Define a clip for the player in Clip Editor. The Mark-In should be set at least 15 seconds into the tape to provide for pre-roll time. Set the Mark-Out or the Duration according to the length/duration of the material to be transferred.
- 4. Drag the clip into the Timeline and begin recording by pressing the Record button in the Timeline.

NOTE:

If your tapes are already striped with VITC and you want to transfer the timecode with the copy, cable the player and recorder directly to each other and make a 1 to 1 copy.

Comments:

n. a.

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

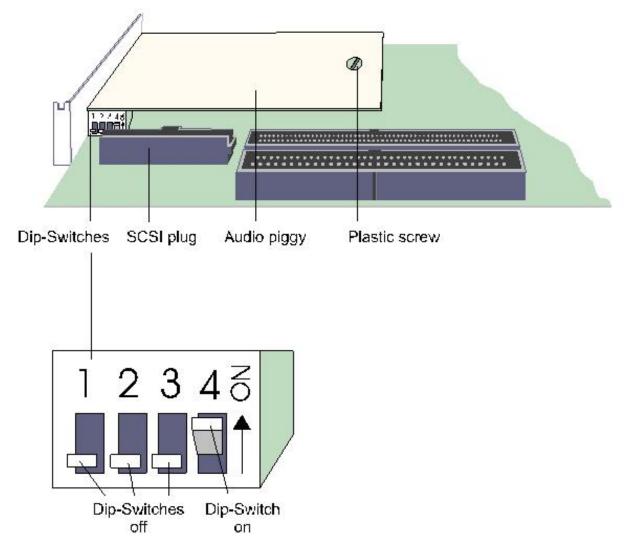
ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

Description/ Symptoms:

1. Dip Switches on the Audio Board

On the bottom of the DPR audio board, you will find a small, red switch panel (see picture) with four dip switches. These switches are used for setting the input impedance for the four audio inputs of the DPR. The four switches are labeled 1 to 4. These numbers correspond to the four audio inputs of the DPR. If a switch is in the OFF position (down position), the input impedance of the corresponding audio channel is set to high impedance. High-impedance audio signals usually come from unbalanced audio sources such as CD players and cassette recorders.

If any device which supplies low-impedance audio signals (such as professional video recorders with symmetrical audio outputs) is connected to a DPR audio input, you must set the appropriate switch to ON (activates an input resistance of 600 ohms).



Tips for Setting the Dip Switches

The dip switches are somewhat hidden behind the Wide SCSI socket. If you have trouble accessing the switches, remove the audio board from the DPR motherboard. To do so, first remove the plastic screw (see picture) and then the audio board by gently pulling it upwards.

When replacing the audio board, be sure it is seated securely and do not forget to replace the plastic screw.

Generally, you should use a pointed non-conductive object to set the dip switches. However, if the audio board has been removed from the DPR motherboard, you can probably even set the switches with your fingernail.

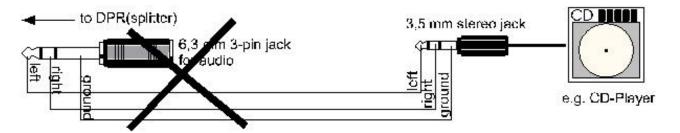
As mentioned above, it is somewhat difficult to set the switches when the audio board is connected to the motherboard. Depending on the type of computer being used and other boards installed (such as a YUV Option), it may even be impossible to access the switches. In

this case, you must set the switches before installing the board. If you are not sure what type of audio source you will be using, you can set, for example, two inputs to low impedance and two to high impedance.

2. Cables

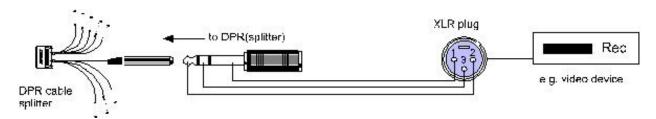
Important:

The 3-pin 6.3 mm jack on the DPR cable splitter is a balanced mono audio connection. You may not connect a stereo jack. Please refer to the following illustrations, which show (1) how NOT to cable up the DPR audio and then some examples of possible cabling.



a) Balanced mono input and output

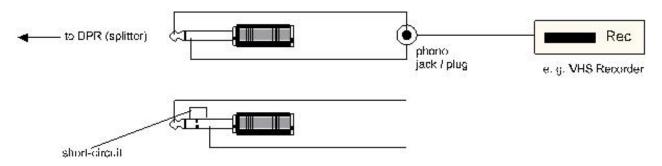
When using a balanced audio source (e.g. professional video equipment) with XLR jacks/sockets, use a cable with the following pins (see illustration):



b) Unbalanced mono input and output

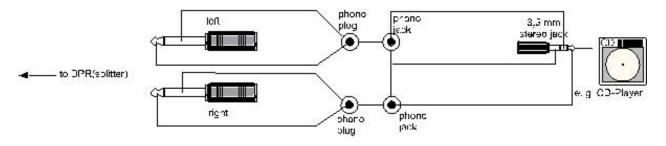
When using an unbalanced audio source (e.g. VHS VTR with stereo phono sockets) the 2-pin jack, which leads to the DPR must be pinned out as shown below.

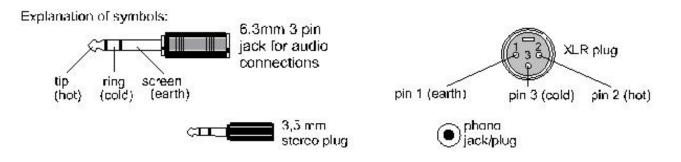
However, if you use a 6.3 mm 3-pin jack, you must short-circuit screen and ring.



c) Connection of an unbalanced stereo audio source

When using an unbalanced stereo audio source (e.g., CD player with a 3.5 mm stereo jack), the audio signal has to be split between two DPR inputs. The following illustration is an example using a mini CD player and an adapter going from a 3.5 stereo jack (RCA mini) to two phono sockets. From the phono socket onwards, use the cabling described under b).





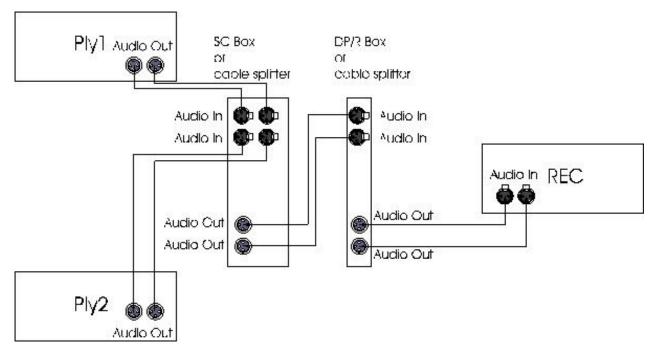
3. Cabling

We recommend the following audio cabling for the DPR:

Player Audio Out --> SC-Box or Cable Splitter Audio IN. Set the corresponding audio inputs in "Device Setup". SC-Box or Cable Splitter Audio OUT --> DPR Audio IN 1,2. Dip switches 1,2 should be set to the ON position on the audio board of the DPR.

DPR Audio OUT 1,2 --> Recorder AUDIO IN

Headphones or loudspeakers can be connected to the audio output of the recorder.



Check in "General Preferences" whether the option "DPR Audio PB / EE " is active.

If you want to digitize audio from a CD player, DPR Audio In 3,4 can be used for the external audio source. Please note that most external audio sources like CD players have high-impedance audio outputs. Thus, the dip switches 3,4 on the DPR audio board should be set to the OFF position.

This method of cabling enables you to work in a strictly analog (linear) mode - as if you didn't have a DPR at all - and can also be used for digital (non-linear) purposes, if you edit video and audio non-linear.

This cabling can also be used for "hybrid editing" with e.g. analog video signals (linear) and digital audio signals (non-linear) from the hard disk of the DPR.

You even have the option of mixing analog and digital audio. This is useful for analog editing of video and audio and adding digital audio from digital audio tracks.

4. WAVE Files

You can use WAVE files with the DPR. First you have to copy the WAVE files from your system hard disk (DOS) to the DPR hard disks. Note that the DPR only supports 16-bit mono WAVE files. Do the following:

- Open VM-Studio.
- Start the DPR Manager.
- Create a directory on your DPR hard disk and name it accordingly (e.g. wavaudio).
- Now you can drag & drop the WAVE file from your system hard disk to the newly created directory (wavaudio). You can also highlight several files and copy them simultaneously.
- Drag the directory icon in the DPR Manager onto the blue VM icon in the lower right corner once all files have been copied into the directory (wavaudio). This icon indicates that VM-Studio has been opened. Now, with the simple drag & drop procedure, directories can be imported from DPR hard disks (= Reels). If you were to switch to VM-Studio, you would find a reel with the reel ID "wavaudio" and the

corresponding icons of your copied WAVE files.

You can also copy DPR audio files from the DPR hard disk onto your system hard disk. Open the DPR Manager and drag & drop the relevant audio files onto the system hard disk. The reel you copy the audio files from must not be active in VM-Studio. Reels (= directories on DPR hard disks), that are currently used in VM-Studio, are highlighted blue in the DPR Manager. Audio DPR files are divided into two files: an index file (file extension .!Ax) and a data file (file extension .#Ax). These files should be on your system hard disk. Copy the file and replace the extension .#Ax with .wav or simply rename the file to create a WAVE file with the extension .wav.

5. Clips with different sampling rates

With the DPR hardware you can play back and mix 8 digital audio track simultaneously. All audio clips, however, must have been recorded at the same sampling rate. Begin by defining a sampling rate to be maintained throughout the entire project before you digitize audio. We recommend a sampling rate of 41.1 kHz or 48 kHz. Only these rates ensure that video and audio are synced. If audio files with different sampling rates are to be used within the same project, use the "wavconv.exe" software to convert them to the same rate.

6. Wavconv.exe

This small but powerful utility allows you to convert and copy audio as well as WAVE files. It comes with the VM-Studio software for DPR. The file is stored in the directory \VMSTUDIO\DPR.

If you enter "wavconv" at the DOS prompt without any parameters, instructions of how to use the program appear on screen.

WAVCONV WAVE Converter (incl. DPR support) (c) ///FAST Multimedia AG

Syntax: WAVCONV src1 src2 dst1 dst2 Hz bits stereo interpol
src1 ...: mono or stereo file (source file 1)
src2 ...: mono file or '-' if no file (source file 2)
(src1 and src2 can be *.wav or*.#Ax files on a DOS hard disk or *.!Ax files on a DPR hard disk)
dst1 ...: dest file1 (target file1)
dst2 ...: dest file2 or '-' if no file (target file2)
(dst1 and dst2 can be *.WAV files on a DOS hard disk or *.!Ax files on a DPR hard disk)
Hz: Sampling rate of the target file (possible values for DPR: 9600/22050/44100/48000)
bits ...: target file bits (8 or 16) (possible value for DPR: 16)
stereo .: target file mono (0) or stereo (1) (possible value for DPR: 0)
interpol: Interpolation or filter on (1) or off (0)
Examples:
A 22050 Hz, 8bit, mono files is converted and copied onto a DPR hard disk:
WAVCONV chord.wav - d:chord.!a1 - 48000 16 0 1

Stereo files are converted, split and copied on a DPR hard disk: WAVCONV stereo.wav - d:stereo_L.la1 d:stereo_R.la2 48000 16 0 1

Files are converted, merged and copied from DPR hard disk onto DOS hard disk (stereo file) WAVCONV d:stereo_L.!a1 d:stereo_R.!a2 stereo.wav - 48000 16 1 1

A stereo WAVE file is converted and split in mono files WAVCONV stereo.wav - stereo L.wav stereo R.wav 44100 16 0 1

7. Miscellaneous

You may have encountered a message box with the title "Audio PLL Lock" before digitizing or playing a clip with audio. This box appears when the DPR tries to synchronize the video frequency with the audio frequency by the means of a so-called PLL switch. In this case, do NOT click "Cancel" since troublefree audio editing can thus not be guaranteed. Use either 44.1 kHz or 48 kHz as sampling frequency. Avoid to have clips with different sampling frequencies in your movie or project, because everytime you change the sampling frequency the PLL has to lock again.

Do not position two successive audio clips on the same digital audio tracks in the Timeline. If you were to attempt to do so, the DPR would not perform continuous play but rather stop and restart.

Background

50	ч		\boldsymbol{n}	n	
J	'IU	ıu	v		٠

Comments:

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

FAST VMPC\DPR Technote DPR: Managing and Deleting DPR Clips

17.08.9

Description/ Symptoms:

You want to execute the command "Destroy unused DPR data" and avoid losing data accidentally.

Background:

A DPR reel in a project corresponds to a directory on the DPR hard disks. If you give the same name to reels (reels with the same reel-ID) in different projects, the command "Destroy unused DPR data" may result in a loss of data since all information will be deleted that is not in use in the current (opened) project. The command cannot differentiate whether the deleted data is used in another project.

Solution:

Don't use the same ID for two reels. We recommend using a reel-ID derived from the name of the project. For example, the first four letters refer to the project, the last four to the reel: proj_001, proj_002, etc.

Comments:

Digital Player Recorder manual: Tutorial: 2.2 Deleting Digital Image and Audio; Video Machine User Guide: Tutorial: 4. Managing your raw footage using the Project Manager; Video Machine Reference: Project Manager: 3.2 Group.

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

Interference in clip picons

18.06.98

Description/ Symptoms:

You have installed VM and discover that the picture is full of noisy interference or is completely white or black when defining clips or grabbing graphics.

Background:

There is a video frame buffer on VM whose contents are transferred either in whole or in part to the memory of your computer (RAM). This is necessary in order to ensure fast access to the video data if it is to be displayed on the VGA monitor as it would be when defining clips (picons) or grabbing graphics.

The video frame store can be inserted in different RAM sectors. There are two options:

- in the blocks over 1 MB (linear addressing)
- in what is known as the "UMB sector" (**EMS addressing).** These are the memory blocks from 640 kByte to 1 MB. Blocks in the range of D000 to E000 can be used, in which case, one 64 kByte block is required, i.e. VM uses the block of memory from D000 to DFFF, or the area from E000 to EFFF.

DOS will not allow you to reserve memory blocks for an application. In conjunction with VM and a memory base of D000 or E000, this means that other programs (DOS drivers) or HW (e.g. controllers) may also use the memory area allocated to VM. If this is the case, you may encounter memory conflicts that are noticeable as noise or a completely white picture in the picon or graphics. Should you run into a hardware conflict, it will not be enough to block the sector in the Config.sys file (EMM386.EXE X=&) since the hardware may have already been using the memory blocks.

Solution:

Since most systems are now configured under Windows 95, the configuration described below is based on the Windows 95 operating system.

In modern Plug&Play systems, VM will only require use of the memory blocks D000-DFFF and E000-EFFF. The blocks in D000 is the preferred sector.

In order to ensure that these blocks are not already being used by other components in the system, check, and if necessary, change, the following parameters:

In your system's BIOS (in this case, we are basing the scenario on an AWARD BIOS) in the *PnP and PCI Setup*, use the entry ISA MEM BLOCK BASE on the right hand side. The range should be defined as D000. Once you have changed the entry, the line ISA MEM BLOCK SIZE should appear. Enter the size of the block as 64K.

By making these changes, the memory block D000-DFFF will be reserved for an ISA component, for example, VM. If your computer won't start after you've made these changes, it may be that your motherboard cannot be used with VM (e.g. due to on-board SCSI controller).

The next step is to check whether any other components make any claims on these memory blocks. One way of checking in Windows 95 is

> Settings > Control Panel > System > Device Manager > Computer > Properties > Memory. This box will list occupied memory blocks. No entries should appear in the D000-DFFF sector.

You can also use this Windows box to reserve memory blocks. To do so, click Reserve Resources > Memory > Add and enter a start value of D000 and an end value of DFFF. This is a good test to determine whether any other components have staked their claims on this memory area. Windows would issue an error message, if this was the case, or the entry will read: *Not available for use by devices*.

Unfortunately, there are some components that use this memory block, but which will not be displayed by Windows. The most frequent "felon" in this case is the Adaptec SCSI controller 2940.

If you're using this controller in your system, after reserving the blocks in BIOS, you will need to make the following modification. The controller needs to be moved to another vacant PCI slot in your PC or removed completely from your computer for the time it takes to restart it. Once you have made the modification, you can assign new blocks to the controller via the bus. It should no longer occupy the D000-DFFF sector because of the BIOS reservation.

When reinstalling VM-Studio, choose the value D000 from the option box in Custom Setup. Then click TEST MEMORY and follow the dialog.

As a rule, the settings suggested here for BIOS and under Windows are by no means the same, suitable, or possible for all systems (e.g. Iwill PII NS). However, in most cases, they should be correct.

Comments:

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

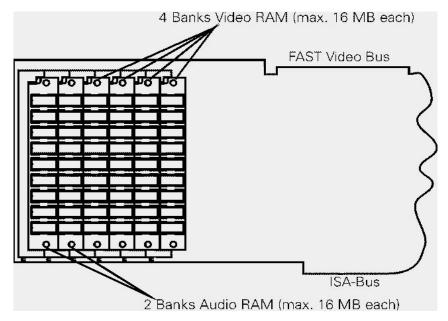
ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

Description/ Symptoms:

The standard version of the Single DP/R has a 6MB RAM onboard. The Double DP/R has 10MB onboard. Both boards have 4MB for video channel A and 2MB for audio in the form of standard SIMMs on the main board. The piggyback board of the Double DPR has a fix-mounted 4MB RAM and cannot be upgraded. Any upgrades are limited to the main board and are thus identical for both the Single and the Double DP/Rs.

The 6MB on the board are, as described above, divided among two banks for audio, which are closer to the end of the board, and four for video near the middle of the board. The SIMM banks can be upgraded with all standard, commercial SIMM modules (30-pin, 8 or 9 bit, min. 70ns). At the moment, we recommend an upgrade of video channel A to 16MB. The audio store must and should only be upgraded if it is clear from the beginning that you will be using all eight audio tracks frequently and two-stream video. Moreover, the SIMMs used for audio and video A must be identical.

To help you understand this whole procedure better, we'd like to give you a short explanation of how the store on the DP/R works. You can basically think of the store as a pre-read cache. If a video sequence is called from VM, the DP/R more or less reads ahead and loads the data into the onboard store. During normal operation, when only one video stream is read from the disk, this reading ahead isn't an issue. It becomes interesting if you want to insert a transition (an effect of longer duration with two moving video streams). During a transition, the DP/R must be provided with double the data transfer rate from the disks. If the disks are not able to supply this data rate, you wind up with so-called "dropped frames": the picture jitters. In this case, one of the data streams is read into the cache on the DP/R. If you then insert a transition, the one stream with the full data rate comes directly from the cache and the second stream from the hard disk. This gives you jitter-free transitions whose total data rate would actually be too high otherwise.



RAM Upgrade for DPR HW Revision 1.6

A new HW revision 1.6 has been available for the DPR since early 1997. The most obvious feature of the new DPR is the PS 2 Simm module. As it has recently become increasingly difficult to procure standard RAM Simms, FAST has been forced to change the layout of the DPR to accommodate PS2 Simms.

For all practical purposes, we have determined that it is not necessary to upgrade the audio RAM. Video A can be upgraded to a maximum of 16 MB with standard PS2 RAM modules (min. 70 ns, NO EDO RAM, with or without parity, both possilbe). Please be aware of the fact that even if you should try and use PS2 Simms with more than 16 MB, only 16 MB will be recognized.

The DPR thus uses the following memory components:

Video A (upgradable, PS2, min. 70 ns, NO EDO RAM, with or without parity, both possible) Video B (soldered into place)
Audio (soldered into place)

One last thing: An upgrade makes sense as a way of "handling" high data transfers for short periods of time as may occur during A/B roll,

for example. It would be better, however, to use the VM-PLUS software since it is able to generate long A/B rolls (picture-in-picture) by rendering. This is just one of the advantages of the VM-PLUS software.
Background:
Solution:
Comments:
Disclaimer:
FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.
ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

FAST VMPC\DPR Technote DP/R: Use of a Live Player

Description/ Symptoms:

You want to to dub in extra music, for example, from an audio CD player.

Background:

Video Machine does not support CD player control. However, you can digitize information from this live source and produce an Audio Clip.

Solution:

- 1. Connect your live source to the audio inputs of Video Machine, and VM Audio Out to DP/R.
- 2. Begin by installing the VM Live Player in Device Setup. To do so, select the MCI1 port, for example, as the interface. Define None as the video input. Specify the appropriate audio inputs in the device setup.
- 3. Choose New Reel to switch to the Clip Editor. You can set the length of the music title by clicking MARK IN/OUT in New Clip as you usually would. The default setting for MARK IN is 01:00:00:00. Enter the required length in MARK OUT by typing in the new values, or type in the desired duration directly and save your entry with USE. If you define more than one clip, make sure to use different values for MARK IN/OUT.
- 4. To dub in the audio signal, you can adjust the levels of the digital audio input under Tools and choose the channels (A1/A2/A3/A4) to be used as the source.
- 5. Choose Digitize Objects to digitize the data. You will have to start the CD player manually after the time bar has been displayed on the PC monitor. The audio file appears in the Reel window as a gray icon in the shape of a musical note.
- 6. Make sure to use Switch to DPR to enable the DPR. This step must be completed before the Audio Clip can be placed into the digital audio track in the Timeline.

Comments:

n. a.

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

FAST VMPC\DPR Technote DP/R: Importing WAVE Files

17.08.95

Description/ Symptoms:

You want to be able to use WAVE files (e.g., STEREO) created by a sound card as the background music for your film project.

Background:

The DPR only supports **16-bit mono** WAVE files that are placed on **one** digital audio track. You have a choice of 9.6, 22.05, 37.8, 44.1 and 48 kHz as the sampling rate setting. Existing **STEREO** files, however, must be broken down into two **MONO** files with the appropriate software, for example, Samplitude Pro, before they can be imported: left.WAV, right.WAV, for example. When the files are then imported via the DPR Manager, both MONO files will always be allocated to the left channel, designated by the extension ...!a1. Thus, the files must be renamed in the DPR Manager: Name.!a1, Name.!a2. In this case,

Name.!a1 is the left channel and Name.!a2 is the right channel.

Solution:

- 1. Create an analog clip and then digitize it. Close the Reel, and save the Project. The important thing here is that you have an existing DPR Reel.
- 2. Close VM-Studio. You will not be able to copy files with the DPR Manager as long as the relevant Project and the Reel to which you want to move the WAVE file are loaded.
- 3. From the DPR Manager, the WAVE file can now be copied into the Reel just opened on the DPR hard disks (drag and drop onto the <u>yellow</u> Reel).
- 4. After using Switch to DPR to switch into the saved Reel, open the window *Select Clip of Reel* by double-clicking the gray area of the pane. OK will transfer files that physically exist into the Reel.
- 5. Click USE in the Clip Editor to save the WAVE file. It will be displayed as a gray icon in the REEL window.
- 6. The WAVE files can be used like any DPR Audio Clip.

Comments:

n.a.

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

FAST VMPC Technote PAL/NTSC Conversion with Video Machine

17.08.9

Description/ Symptoms:

Video Machine can also be used as a standard converter. This means that existing television standards (PAL or NTSC) can be converted into another standard..

Background:

The most important standard conversion is probably into and out of PAL-BG and NTSC and vice versa. Wheres the problem?

PAL has a resolution of 768x576 pixels at a frequency of 50 Hz (25 frames per second), an NTSC signal, however, has a resolution of 640x480 pixels at a frequency of 60 Hz (30 frames per second). And, simply converting isnt enough to transform one type of signal into another:

- · In converting from NTSC to PAL, the NTSC output signal is scaled up to a size of 768x576 pixels and 5 fps are thrown out.
- In converting from PAL to NTSC, the PAL output signal is reduced to a size of 640x480 pixels and 5 fps are doubled.

Of course, it depends on the content of the video material itself how visible these conversion effects actually are. By adding and doubling frames, jittering and flickering may occur when objects in the image move rapidly back and forth.

Another important factor in converting video signals is using the right VCR. If you want to convert to another standard, you must use an original NTSC or PAL VCR (depending...).

Some PAL VCRs (for example, FS -200 or FS-90) can play NTSC tapes. The resulting video signal, however, is not a true NTSC signal. Video Machine cannot process this fake video signal.

Solution:

The following points should be followed to use Video Machine as a standard converter:

- · Choose the correct input signal in Encoder (PAL or NTSC),
- · Choose the correct output signal in Output Setup,
- · Create a clip the same length as the video to be converted,
- · Choose the conversion effect under Special Effect (PAL -> NTSC or NTSC -> PAL).
- · Use the effect as the cross-fade effect for the video to be converted.
- · Record the resulting film.

Comments:

Video Machine User Guide: VM-Studio\Setups\Output Setup VM-Studio\Setups\Encoder Setup

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO



Video Machine and the ATI Ultra Pro Graphics Card

17 08 9

Description/ Symptoms:

- 1. Video Machine is already installed and the ATI Ultra Pro graphics card is added to your system. After having installed the ATI Ultra Pro and the MACH32 driver, the VM-Studio software can no longer be started correctly.
- 2. The ATI Ultra Pro graphics card is already installed in your system and Video Machine is added to it. After installing Video Machine, the VM-Studio software cannot be started correctly.

Background:

Video Machine and the ATI Ultra Pro graphics card use an identical port address and memory mapping. This results in a conflict between the two boards when this graphics card is used with Video Machine. Since Video Machine can be configured via the software, you can eliminate the problem by the following new configuration of the system:

Solution:

- 1. Switch Windows to normal VGA mode for the duration of the new installation. To do so, specify the standard VGA driver under the Windows Setup program instead of MACH32.
- 2. Start VM-Studio.
- 3. Select the "Tools" menu from the tool bar and choose the "Hardware Setup" menu item.
- 4. Now specify a *Port Address* that is not occupied by the ATI Ultra Pro graphics card (this board generally uses the 300 port address) or by any other board. Try port address 120, for example.
- 5. Switch from *Memory Mapping* to *EMS* (e.g., E000 or D000). This configuration should prevent any conflicts between Video Machine and the ATI Ultra Pro graphics card.
- 6. You can now use the Windows Setup to re-install the MACH32 driver optimized for ATI Ultra Pro. Both boards should now function properly.

Comments:

Video Machine Manual: Installation\Hardware Setup

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

FAST VMPC Technote VITC on the Master Video Recorder

Description/ Symptoms:

You want to be able to read the VITC from your master tape.

Your master tape has been corrrectly precoded and/or and or picture information with VITC is already recorded on the tape.

Background:

As with the players, Video Machine provides the recorder with direct support of VITC (Vertical Integrated Timecode). Thus, Video Machine does not require that VITC be transmitted via the control interface. VITC is part of the video signal and is broadcast in the blanking interval. The video signal of the recorder must be fed into Video Machine again so that the VITC of the recorder can be detected.

Solution:

Connect the cables of your recording device's video output to one of Video Machine's free video inputs.
 (Note: please use inputs Video Input 3 to Video Input 6 since Video Machine has freely scaleable cross bars at these inputs.)
 Specify the chosen Video Input for the Master VITC in Device Setup. For example, if you connect the master video output to Video Input 5, a video input must be specified in Device Setup for the master recorder. In this case, logically, Video Input In 5.
 Choose DEVICE SETUP from the TOOLS menue. There you have to choose the SETUP. The next window comes up by pressing the VM TC button. Enable the "Use VM VITC when TC board missing" option. If you do not know the exact value of the "Constant Shift", you must disable the "Use constant shift instead of autocalibrate" option, even if the drivers select it as the standard option. (Open the General Player Setup via the Tools button in the Device Setup)
 Enable "VITC" in Output Setup.

If a tape recorded with VITC or 1st Edit is played in the master video recorder, the VITC indicator will light up in green in REC Control.

Comments:

Video Machine User Guide: VM-Studio Setups\Device Setup VM-Studio Setups\Output Setup

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

Audio Dub with Consumer Recorders

17.08.9

Description/ Symptoms:

After you have edited and recorded your video and the original sound as the first step, you now want to go on to the next editing step, the recording of "external sound", for example, dubbing in background music from a CD. To avoid generation losses, you will want to record the external sound onto the completed master tape (postsynchronization, audio dub).

Background:

The audio recording on VHS/S-VHS tapes is on two tracks:

- the vertical track that is inserted directly into the video picture (frame scanning gap) and which can be used for high-quality hifi recordings
- and the parallel or longitudinal track that are only used for lower quality mono or stereo recordings due the small amount of information recorded. (This does not apply to professional recorders.)

The vertical track is integrated in the video picture during recording. High-quality hifi signals can only be recorded together with the video signals. It is not possible to re-record onto the vertical track.

Video recorders like the NV-FS200 that have so-called audio dub or postsynchronization capabilities are only able to postedit the audio **longitudinal track**.

Devices only capable of recording the hifi track have no audio dub capabilities.

Solution:

- 1. Re-record the desired audio sequences onto the hifi track of a clean VHS/S-VHS tape.
- 2. Connect the hifi socket of your player to one of the free audio inputs on Video Machine.
- 3. Connect the audio output on Video Machine to the **longitudinal track** input (usually CH2) of your recorder and insert your master tape into the recorder.
- 4. Switch to assemble mode in "Output Setup".
- 5. Disable video track V and the hifi track A2 in "REC Control".
- 6. Use the Timeline to define the clips for the audio tape and start recording.

Comments:

Video Machine User Guide: VM-Studio\REC Control

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

Simultaneous Playback of Roll/Crawl Titles and Effects

17 08 9

Description/ Symptoms:

You want to insert a roll or crawl title through an effect (e.g., tumbles, shrinks or moves). The resulting video image is faulty (jumps, no transparency, etc).

Background:

If Video Machine creates a roll/crawl title the title is - in figurative terms - pushed through the frame store. During this time, Video Machine uses the non-visible, lower part of the image to continue loading text and graphics information. If an effect is now applied this part can become visible. This can cause unwanted side effects in the display of the title.

It is also not possible to combine roll and crawl titles with alpha effects (matrix, pattern, rotation and special alpha) since Video Machine uses the alpha channel of V1 and V2 to create alpha effects. Thus, no alpha channel is available for transparent titles.

Solution:

Use a hardcut or a dissolve to insert roll and crawl titles.

Comments:

Video Machine User Guide: VM-Studio\The Titler VM-Technote No. 013

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

Two Simultaneous Roll & Crawl Titles

17.08.95

Description/ Symptoms:

You place roll and crawl titles parallel on both channels. They are displayed in preview without any problems. During playback on the timeline the overlapping titles are not displayed properly.

Background:

During playback roll and crawl titles have to be calculated in real time. However, present PC processors do not have sufficient processing power to calculate two titles simultaneously. Thus, you may not have overlapping titles on the timeline.

Solution:

Use only one roll or crawl title at one time.

Comments:

Video Machine User Guide: VM-Studio\Titler VM-Technote No. 014

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

FAST VMPC Technote Timing with Alpha Wipes 17.08.95

Description/ Symptoms:

You place effects from the Alpha Wipe Library (matrix, pattern, rotation and special alpha wipes) on the timeline. Playback is faulty.

Background:

During editing all alpha wipes on the timeline are prepared by the computer. This process is a relatively complex calculation which requires processor capacities. The average computer needs at least two seconds to prepare an alpha wipe.

Solution:

Allow the computer time to calculate the alpha wipes. Set the interval between alpha wipes on the timeline to at least two seconds.

Comments:

Video Machine User Guide: VM-Studio\Objects\Editing in the Timeline VM-Studio\Titler VM-Technotes No. 013, 014

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

FAST VMPC Technote Titles with MS WinWord 17.08.95

Description/ Symptoms:

You want to assign a title to your video using the software MS WinWord. You have selected "Build one Page" in the VM Title Driver. During preview you notice that the last part of the title, i.e. the lower margin of your WinWord document, has been "cut off".

Background:

For the layout of your title Video Machine uses the parameters specified in the WinWord page setup. The title is "cut off" because these settings do not correspond to the size of a video image.

Solution:

Adjust the page setup to the video standard using the following values:

VM-Titler: Build one Page

MS WinWord:

PAL: Page Setup: (Margins)

Top: 0 cm Bottom: 0 cm

Page Setup: (Size and Alignment) Width: 20,32 cm (8 inch) == 768 (96 dpi) Height: 15,24 cm (6 inch) == 576 (96 dpi)

NTSC: Page Setup: (Margins)

Top: 0 cm Bottom: 0 cm

Page Setup: (Size and Alignment)

Width: 16,93 cm (6.66 inch) == 640 (96 dpi) Height: 12,70 cm (5 inch) == 480 (96 dpi)

Hint: If you often use WinWord to create titles and want to avoid having to change parameters every time, you can make the appropriate style sheets (*.dot). Thus, you can save time and get the right parameters just with a mouse click.

Comments:

MS WinWord Manual: "Page Setup"; "Style Sheets"

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

FAST VMPC Technote Vertical Image Shift

Description/ Symptoms:

When operating Sony Betacam equipment with Video Machine the looped video image from the Betacam (the monitor is connected to Recorder Output/Monitor Out) is vertically shifted.

Background:

Vertical image shifts occur on the Betacam's monitor output if the Betacam and Video Machine are not synchronized.

Solution:

Video Machine and the Betacam must be synchronized. Connect Composite Out on Video Machine to Ref-In on the Betacam.

Comments:

Video Machine User Guide: Installation\Video Connections Installation\Cable Splitter\Reference Signal Installation\Studio Control Box\Reference Signal

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

FAST VMPC Technote Image Dropout during Fast Shuttle Operation 17.08.95

Description/ Symptoms:

During fast shuttle operation the video image disappears from the master monitor.

Background:

High shuttle speeds disrupt the "sync" of the video signal. If the sync is missing or badly disrupted Video Machine cannot process the video signal and switches the output to "black".

Solution:

If the shuttle speed is reduced slightly the video image reappears.

Comments:

n. a.

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

FAST VMPC Technote 8-Field Sequence with PAL

Description/ Symptoms:

You notice flashing (false color image) at the editing points of the master tape.

Background:

False color images are the result of the 8-field sequence occurring with the PAL standard. Flashing at the editing points is an indication that the particular edit has not been carried out according to the 8-field sequence. From a technical point of view, a conflict between the phase of the color carrier (F) and the horizontal phase (H) when linking different video scenes through electronic editing results in synchronization errors which in turn lead to flickering of the image and false color images. With normal television, these discrepancies are usually not visible; however, with sensitive studio monitors they are very apparent.

A great advantage of Video Machine is that, as an edit control unit, it supports 8-field sequence editing. However, this places high demands on your player and recorder.

Solution:

In order for Video Machine to support 8-field sequence editing, the following conditions must be met.

Video Machine either has to be able to genlock to the color carrier phase of the recorder (to do this, the recorder must be able to switch directly from play to record; most consumer recorders do not have this capability), or

the recorder must be frame-accurate <u>and</u> the player and recorder must be equipped with a capstan bump (again, **most consumer** recorders are not equipped with this) <u>and</u> you must precode the tape with an 8-field sequence timecode (Video Machine supports this type of precoding in its first edit function).

Comments:

Karl-Heinz Trissl/Arthur Heller in the "Rundfunktechnische Mitteilung" (publication for radio engineering) 1984, Issue 3

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

FAST VMPC Technote Timecode Error 24.10.97

Description/ Symptoms:

When working with a source tape that was not recorded in a single shot, the video unit winds to the wrong position.

Background/Explanation:

Information regarding position on the source tape (timecode or CTL) is not continuous.

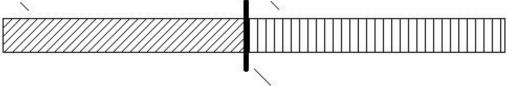
This may be due to the fact that you recorded scenes on different days. Since your camera bases the timecode information on its integrated clock, although two scenes may be recorded directly next to each other on the tape, their timecodes may be completely different.

In order to stabilize the drive of the player, Video Machine performs a "preroll", i.e. it winds to a position on the tape in front of the Mark-IN.

If, during the preroll, the video recorder is wound to an area with a completely different timecode, it can no longer find the editing point.

Example:

Scene 1 VITC 00:10:00:00 Scene 2 VITC 00:00:01:24



Timecode Leap

This also applies to recordings with gaps between individual scenes. These gaps result in noise and snow in the picture and cause the tape counter of the video unit (camera or recorder) to temporarily stop advancing.

Solution:

Be sure that the clip you wish to edit is within an area with a continuous timecode or CTL. This prevents the player from winding beyond a timecode leap during a preroll and not being able to find the *Mark-IN*.

You can only avoid such timecode errors through better organization when recording source tapes. It is especially important to code an area of the tape before each new sequence (for example, by recording for 20 seconds with a closed lens).

Background:

Solution:

Comments:

VM-Technote No. 003

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED

THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

FAST VMPC Technote Preroll Times

Description/ Symptoms:

You have no problems controlling video players or recorders in the clip editor. However, errors occur once you have positioned a clip on the timeline and it begins to play back (for example, the unit winds the tape to the beginning or end and doesn't move at all).

Background:

As an edit control unit, Video Machine uses the time code on the video tape to control video players and recorders. Video Machine can handle a variety of time codes: CTL, VITC, RAPID, RCTC and LTC.

In order to stabilize the drives of the player and recorder, Video Machine performs a "preroll", i.e. it winds to a position on the tape in front of *Mark-IN* or *Cut-IN*.

The problem mentioned above occurs when you have defined the *Mark-IN* of the player or the *Cut-IN* of the recorder at the very beginning of the coded area of the tape. In attempting to perform a preroll for editing, the video unit is wound to an area of the tape which doesn't have a time code or the system searches for an area on the tape which does not exist (beyond the beginning or end of the tape). In either case, the edit control unit (Video Machine) loses its point of reference for positioning.

Solution:

First, create a precoded area of tape before each *Mark-IN* of the video player and before the first editing point of the recorder. With professional equipment, this is usually done by recording the set of color bars for 1 minute. Video Machine also provides the *First Edit* function for doing this. With camcorders, you can do this by recording with a closed lens for 1 minute (black recording). Be sure to take into account the preroll times of *Output Setup* of VM-Studio. Define the first editing point on the timeline by using the *Start Recording* function. Allow at least 1 minute for the preroll. For example, if you began precoding at 00:01:00:00, the starting value of the timeline should be set at 00:02:00:00. This prevents the system from cueing to an uncoded or non-existent position on the tape.

Comments:

Video Machine User Guide: VM-Studio\Setups\Output Setups Features VM-Technote No. 004

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

FAST VMPC Technote A/X Roll

Description/ Symptoms:

You wish to mix two scenes, i.e. link them with an effect or transition. However, both scenes are either on the <u>same</u> source tape or you only have one player (A/X roll) and you don't want to jeopardize quality by making a copy.

Background:

Generally, only hardcuts are possible between scenes on the same input tape. However, Video Machine supports the A/X roll mode which permits effective transitions when playing in two clips from the same tape/player.

To do this, Video Machine "freezes" the last image of the first clip in the video memory. The system then switches from this still image to the second clip with the effect selected (such as cross-fading).

Solution:

Be sure to only use *In 3,4* (S-Video) and *In 5,6* (FBAS) as inputs since these are linked via crossbars. For further instructions (for example, on placing clips on the timeline), please refer to the appropriate sections in your manual (see below).

Comments:

Video Machine User Guide: Installation\A/X-Roll Setup VM-Studio\Timeline\A/X-Roll Operation VM-Studio\Timeline\Video Tracks

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

FAST VMPC Technote Black Frames in Insert Mode

17.08.9

Description/ Symptoms:

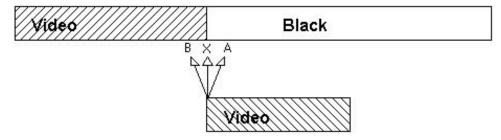
When editing with Video Machine in insert mode, one or more black frames appear between video images recorded earlier and those subsequently inserted.

Background:

The insert mode is used for subsequently inserting individual scenes into videos recorded earlier. Top-of-the-line consumer equipment supports this mode; however, its support is limited (see below). The insert mode is often used for assemble editing, i.e. video clips are recorded one after the other on a blackburst tape.

To use the insert mode, both the edit control unit (Video Machine) and the recorder must be frame accurate. Precisely this is the root of our problem: while Video Machine is frame accurate, due to their mechanical properties, consumer recorders usually are <u>not</u>. The figure below illustrates the problem. For example, due to a recorder's inaccuracy in positioning a frame, the frame is not precisely inserted at *cut-in* (X), but rather one frame too late (A).

As a result, you still see black frames of the precoded tape. On the other hand, if a frame is inserted before *cut-In* (B), this usually goes unnoticed since no black frames are visible.



Solution:

When positioning clips on the timeline, insert the new clip one frame earlier in the previously recorded clip. To do so, switch off the magnet. Then, move the clip one frame to the left with the mouse or the < Ctrl> + <> key combination.

Comments:

Video Machine User Guide: VM-Studio\Output Setup VM-Studio\Timeline\New Positioning of Clips VM-Studio\Timeline\Editing Styles

Disclaimer:

FAST'S SUPPORT SERVICE AND THE INFORMATION CONTAINED IN THIS DATABASE OR TECHNOTE IS PROVIDED "AS-IS" SOLELY FOR THE PERSONAL AND PRIVATE USE OF FAST'S CUSTOMERS. FAST MAKES NO WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) CONCERNING THIS DATABASE, ANY TECHNOTE, OR THE INFORMATION CONTAINED THEREIN. EACH CUSTOMER'S SITUATION AND OPERATING ENVIRONMENT IS DIFFERENT, AND FAST DOES NOT GUARANTEE THAT THE INFORMATION PROVIDED WILL BE EFFECTIVE. FAST IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DATABASE OR IN ANY TECHNOTE, THE CONTENT OF WHICH IS SUBJECT TO CHANGE WITHOUT NOTICE. THE USER OF THE INFORMATION PROVIDED IN THIS DATABASE OR TECHNOTE ASSUMES ALL RISKS CONCERNING ITS ACCURACY AND USE.

ALL WARRANTIES AND OTHER LIMITATIONS OF LIABILITY CONTINUE TO BE GOVERNED BY THE LICENSE AGREEMENT AND WARRANTY CONTAINED IN YOUR ORIGINAL FAST PRODUCT. NO PORTION OF THIS KNOWLEDGEBASE OR TECHNOTE MAY BE COPIED, REPRODUCED OR DISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF FAST, EXCEPT THAT CUSTOMERS OF FAST MAY PRINT A COPY OF THIS KNOWLEDGEBASE OR TECHNOTE FOR THEIR OWN PERSONAL USE SO LONG AS ALL COPYRIGHT NOTICES AND THIS DISCLAIMER IS REPRODUCED ON SUCH COPY.

□ 1 Black Frames in Insert Mode [Previous Page | Next Page

 Copyright FAST Multimedia AG. All rights reserved.

Video Machine - Technotes

Video Machine - Technotes

	37 Fading in 4 Clips Simultaneously
	36 Interesting facts about the FAST Hardlock Twin
	35 VMPC\DPR: XSHIFT and YSHIFT
	34 Creating a WaterRipple effect with VM-Studio PLUS
	33 How to create a fade to/from a certain color
	32 Video Cabling with VM-Studio 3.0 and Cable Splitter
	31 Overlay Animation
	30 Framegrabbing with the DPR
	28 Copying/Generating VM VITC
	27 DPR-Audio: A-Z
	25 DPR: Managing and Deleting DPR Clips
	24 Interference in clip picons
	22 DP/R: RAM Upgrade
	21 DP/R: Use of a Live Player
	20 DP/R: Importing WAVE Files
	19 PAL/NTSC Conversion with Video Machine
	18 Video Machine and the ATI Ultra Pro Graphics Card
	17 VITC on the Master Video Recorder
	16 Audio Dub with Consumer Recorders
	14 Simultaneous Playback of Roll/Crawl Titles and Effects
	13 Two Simultaneous Roll & Crawl Titles
	12 <u>Timing with Alpha Wipes</u>
	9 <u>Titles with MS WinWord</u>
	8 Vertical Image Shift
	7 Image Dropout during Fast Shuttle Operation
	6 8-Field Sequence with PAL
	4 <u>Timecode Error</u>
	3 Preroll Times
	2 A/X Roll
	1 Black Frames in Insert Mode
[
<=1 F	Previous Page Next Page ►
~4	
<br< td=""><td>1</td></br<>	1
\U1/	1

 $\ensuremath{\mathbb{O}}$ Copyright FAST Multimedia AG. All rights reserved.