

User's Manual - Version 03.04.01 - Dec 2006

Video Playout Software



www.evs.tv

Introduction

The AirEdit combined with EVS XT Series Server - a multi-channel, disk-based, digital player-recorder - is definitely the ideal system for commercial insertions / replacement, content control and video delay (1 or 2 different time delays).

The first channel is used to record the incoming material ('Live'). The second simultaneously performs a random-access play-back of previously loaded clips or of the delayed 'Live' signal. The third access may be used by the operator to search in the recorded material and otherwise displays the incoming signal. It can also be used to create a second time delay. At the same time, new spots, jingles and advertisements can be recorded with the remaining record channels.



This user's manual describes the operation of the Air Edit software application. For technical information about the XT Series Server, please refer to the "Technical Reference for EVS XT Series Server".

Chapter 1 - Cabling

The AirEdit software is installed in a workstation operating under Windows NT 4.0 system (English or French). The communication between the XT Series Server and the AirEdit application is done through an RS422 connection using EVS Advanced Video Server Protocol (AVSP).



For the cabling of the XT Series Server itself, please refer to the Technical Reference for XT Series Server.

Chapter 2 – Configuration

The complete control of the AirEdit is organized into one single screen for recording the material, for creating and editing clips, for forming the playlists and for sending the Playlist screenplay *On Air*.

Double-click on the AirEdit icon on the desktop to begin:



After a few seconds, you will enter the AirEdit application :

AirEdit Commander - COMMANDER1		_ 8 ×
File Edit Vie <u>w T</u> ools <u>H</u> elp	01h10m26s, Thursday, Nov	ember 30, 2006
All • Rec (91) • Rec (92)	► Canal diff	
Rec (92)	Rem Dur Cur Event Rem Dur To Train	
Available capacity 20h36m52s	🚺 🛤 🍽 01:00:00;00:; 💦 😚 🖤 🛃 🖬	Insert
	01:09:58:27 1 00:09:58:27 DELAY -:-:-:- 01:00:00:00	In 00:00:00:00
Control VTR RecorderList		00.00.00,00.
Duration D	TimeLine PlayList	Out 00:00:00;00.
New 10 m Daration D	ONAIR # To In Event Duration Delay GPI	Name poisson
Delete	01:09:58:27 1 00:09:58:27 DELAY -:-: 01:00:00:00	Type Clip
		Dur 00:00:30:00
Modify		00.00.00.00.
Clear		
		Press 'IN' kev to
		define the point
		where you want to
Name		Insen
	Item to Insert poisson X Clip Duration 00:00:30;00. PRV MARK NEXT	
Provident 3 4 00:00:00;00.		
Duration Remain	Edit TL TimeCode Insett GPI Out in TL	
00:00:00:00. ⊣ ◀ ► →:::	N 🕅 🗐 🕨 🛄 01:10:24;26. 🖊 🐸 1 2 3 4 001 001	
00:00:00;00. IN NE OUT 00:00:00;00.	F1 F2 F3 F4 F5 F6 F7 F8	
Clip0006 Clip0006 00:17:00:02	2 00:18:06:18 00:01:06:14 Ulasday November 28 2006 615B	7
2 poisson poisson 04:27:56:01	04/28/26/03 00/00/30/00 C Thursday November 23 2006 612B	
Clip0004 Clip0004 00:07:19:05	00:07:45:05 00:00:26:00 🔮 Tuesday, November 28, 2006 614F	
jock lock 02:49:30;04	02:49:50:04 00:00:20:00 🔮 🖬 Thursday, November 23, 2006 612A	
Clip0008 Clip0008 00:18:28;28	→ 00:18:48:25 00:00:20:00 U Tuesday, November 28, 2006 616D	
noisson 00:43:31:24	00-33-46-24 00-00-15-00 Monday November 27 2006 610D	
Clip0007 Clip0007 00:18:02;20	00:18:17;20 00:00:15:00 @ Tuesday, November 28, 2006 615C	
CI00003A CI00003A 01:30:12;29	01:30:22;29 00:00:10:00 🦉 Thursday, November 23, 2006 610A	
CI00003B CI00003B 01:30:12:29	9 01:30:22;29 00:00:10:00 🔮 🔒 Thursday, November 23, 2006 610B	
CI00003C CI00003C 01:30:12:25 CI00004A CI00004A 01:30:23:05	01.30.22,29 00.00.10.00 V Inursday, November 23, 2006 610D	
CI00004B CI00004B 01:30:23:02	01:30:33:02 00:00:10:00 Thursday, November 23, 2006 610E	
Cl00004C Cl00004C 01:30:23:02	2 01:30:33:02 00:00:10:00 🗳 Thursday, November 23, 2006 610F	
Cl00005A 01:30:28;22	2 01:30:38:22 00:00:10:00 🔮 Thursday, November 23, 2006 611A	
CI00005B CI00005B 01:30:28;22	2 01:30:38;22 00:00:10:00 🔮 Thursday, November 23, 2006 611B	
CI00005C CI00005C 01:30:28;22	2 01:30:38;22 00:00:10:00 🔮 Thursday, November 23, 2006 611C	
Cl00006A soouris 02:28:20;10	/ 02:28:30;10 00:00:10:00 ♥ Thursday, November 23, 2006 611D	
CI00006C soouris 02:28:20:10	2 U2:28:30;10 U0:00:10:00 ♥ Inursday, November 23, 2006 611E	
escalade escalade1 00:42:48:10	02.20.30,10 00.00.10.00 W Thursday, November 23, 2000 011F	
Public antice antice and a second		29 Clina
HIST HIE CTOISIEF METROSE DOX hungty		39 UIDS
Capacity Left 2 days,13h47m		
		100 the Ba 1.10 AM

The Menu Bar

The familiar Windows-NT Menus are located in the Menu Bar:

<u>F</u>ile <u>E</u>dit <u>V</u>iew Tools <u>H</u>elp

The File menu gives you access to a main function:

A 💽	irE dit	Com	mande	r - COM	IMANDE	R1	
•	<u>F</u> ile	<u>E</u> dit	Vie <u>w</u>	<u>T</u> ools	<u>H</u> elp		
	Sa Lo	ive Clij ad ED	ps L				
	Da	itabas	e 🕨	Ope	n		
	E <u>x</u>	it		Retu	um on Mai	in Dat	abase
	Fro	om Arc Archi	hive ve	Expe Impo Clea	ort ort ir		
				Exe	 cute Scrip	t	
				Info			
				Noti	fy		
				Stati	istics		

- <u>Load EDL</u> : this item is only used for integration of EVS systems. EDL file format currently supported is EVS EDL.
- <u>Database</u> : this option allows to open, export, import or clear a database. "Info" gives you some information about the database loaded and "Execute Script" Will let you load a database with different options. These functions should be only used by trained EVS engineers for maintenance operations.

The $\underline{\text{View}}\ \text{menu}$ allows you to configure your screen display as desired.

🏹 AirEdit C	omman	ler - COM				
File E	dit Vie <u>v</u>	<u>I</u> ools	<u>H</u> elp			
	✓ <u>S</u> P	atus Bar aylist List				
	B	ecorder/R	ecorder & Play	erPlayer 🔸	Recorder	Shift+F5
	🗸 D	ataBase	Shift+F8		Recorder & Player	Shift+F6
	0	SD			Player	Shift+F7
	н	de PlayOu	ut	1		
	M	essageLis	t			

- <u>Status Bar</u> : this item displays or hides the Status Bar and the Capacity left counter.
- <u>Playlist List</u> : this item displays or hides the first column in the player area.
- <u>Recorder/Recorder & Player/Player</u> : this item offers 3 modes of display for your AirEdit interface: Player mode only displays the Players, Recorder mode displays all recorders, and Recorder & Player mode displays both recorders and players.

Shortcuts are available to quickly modify the display of players, recorders and Database:

- SHIFT + F5: only displays the recorders windows and toggles between recorders.
- SHIFT + F6: displays both recorders and players windows.
- SHIFT + F7: only displays the players windows and toggles between players.
- SHIFT + F8: displays/hides the Database area.
- <u>Database</u> : this item displays or hides the Clip/Playlists database area.

🏹 AirEdit Com	mander - COMMANDER1	
<u> </u>	Vie <u>w</u> <u>T</u> ools <u>H</u> elp	
	 ✓ <u>S</u>tatus Bar Playlist List Recorder/Recorder & PlayerPlayer ✓ DataBase Shift+F8 	•
	OSD	GenLock/Disk errors
	Hide PlayOut	✓ Default Layout
	MessageList	Time Code (Playlist)
		Clip Time Left (Playlist)
		✓ Playlist Time Left (Playlist)

- <u>OSD</u>: this item offers you 4 options to see Genlock error message on the OSD (!GKV), to use the default layout for the OSD (time code, in and out, clip name), or to view/hide time code, clip time left and playlist time left (in a playlist)
- <u>Hide PlayOut</u> : this item displays or hides the PlayOut
- <u>MessageList</u>: this item displays internal messages from the AirEdit running status (message.txt file).The frequency of the messages can be selected from level 0 (all internal debug messages) to level 2 (error messages only)

The $\underline{\text{Tools}}\ \text{menu}$ opens different dialog boxes with which your entire system is configured:



• COM configuration

Serial port available		Slave control				
Com Name	7	COMSI02	Bau	ud Rate : 115200	-	
COM1 COM2	_	Vtr control		Remote control		
COM3 COM4	Vtr 1	COMSI01	Remote 1	Сомзюз	N	Small Remote
	Vtr 2		Remote 2			Small Remote
	Vtr 3		Remote 3			Small Remote
00110104	Vtr 4	, 	Remote 4			Small Remote
		,	Remote 5	[Small Remote
			Remote 6	1		Small Remote
			Remote P	СОМ1	_	
		Switcher	•		_	
		Switcher	*			

The COM configuration dialog box allows you to assign the serial communication ports available on the AirEdit to the peripheral equipment: The XT Series Server, the remote control panels and the different VTR machines. The Baud rate selection box allows you to define the transfer rate between the AirEdit and the XT Series Server. Default is 115200. "Small Remote" checkboxes select the type of remote control panel to be used. This box should be checked if using the type of remote as described in chapter 4 (Remote Panel Description). This box should be left unchecked when using the Remote D (larger remote with jog and t-bar).

Comment: Serial ports configuration has been tested to efficiently carry out its functions. Please do not modify the standard configuration.

• XT Server configuration (WinCfg)

The WinCfg dialog box allows you to set up the configuration of the XT Series Server from the AirEdit. These parameters are also available from the EVS and AVCFG applications directly on the XT Series Server system monitor. For a more detailed description of these parameters, please refer to the "EVS Advanced Parameters" and "AVCFG" sections of the Technical Reference for XT Series Server.

RS422 Ports : To configure the COM ports of the XT Series Server.

RS422 Port #1 must be assigned to the EVS AVSP protocol to work with the AirEdit. The AirEdit PC must be connected to RS422 port #1 of the XT Series Server.

🔀 WinEfg version 1.4.0.1 🗄 C:\mas	ter\Config.Cfg			×
Ba	ise Configuration : 🛛 🕅	T SpotBox AVSP		
wincia w	deo Configuration : 3	Record (Standard)	0 Record (Super LSM)	
	3	Play (Cut)	0 Play (Mix)	
BS422 Ports Video Channels Audio O	utputs Audio Inputs Ad	anced Parameters SDTI Network		
				1
RS422 Port #1 : AVSP	<u> </u>			
RS422 Port #2 : AVSP	•			
RS422 Port #3 : AVSP	•			
RS422 Port #4 : AVSP	T			
RS422 Port #5 : AVSP	•			
RS422 Port #6 : AVSP	•			
		-1	-1	
Save	Save <u>A</u> s	Load	Cancel	<u>K</u>

Video Channels : to configure the sharing of disk capacity between the record channels. Click on the "Change" button in the upper part of the window to change the number of rec and play channels.

🗙 WinCfg versi	on 1.4.0.1 : C:\	master\Config.Cfg							×
	TA	Base Configuration :	XT SpotBox AVSP	7					
win	ofq	Video Configuration :	3 Record (Standard)		0 Record (Super LS	M)			
		Change	3 Play (Cut)		0 Play (Mix)				
<u>R</u> S422 Ports ⊻	deo Channels 🛛 Au	dio <u>O</u> utputs Audio Inputs	Advanced Parameters	s SDTI <u>N</u> etwork					
Loop Recording	(All Rec): Yes	👻 Clip Ca	pacity : Per Channel	v.					
				OUT A	OUTE				
				0014	0013		_		
Type :	Play	Play	Play		_		_		
Control :	AVSP #4	▼ AVSP #4 ▼	AVSP #4	•	7	7	7		
2nd Control :		•		·	V	Y	~		
Default Rec	Rec 1	• Rec 2 •	Rec 3		Y	Y	Ψ.		
	IN 1 - Rec 1	IN 2 - Rec 2	IN 3 - Rec 3	IN 4	IN 5	IN 6			
Type :	Record	Record	Record						
Control :	AVSP #4	▼ AVSP #4 ▼	AVSP #4	·	Y	7	7		
% Rec :	33	33	33						
				,	,	,			
	Save	Save A	s	Load		Cancel		<u>0</u> K	

<u>Channels Configuration</u> ("Change" button) : The AirEdit software only supports configurations with 2 play (PGM + Edit channel) or 3 play (PGM + Edit channel + Preview channel for still frame of item to insert) "cut" channels, and at least 1 record channel.

Audio Outputs : Displays the current assignment of audio output channels of the XT Series Server.

🔀 WinCfg version 1.4.0.1 🗄 C:\r	naster\Config.Cfg			×
	Base Configuration : XT Sp	otBox AVSP 💌		
wincfo	Video Configuration : 3 Reco	ord (Standard)	0 Record (Super LSM)	
	3 Play	(Cut)	O Play (Mix)	
BS422 Ports Video Channels Auc	fio <u>O</u> utputs Audio <u>I</u> nputs Advan	ced Parameters SDTI Network		
Audio Format : Embedded (E)	Lipsync (msec) :	0.00 Sample Rate I	Converter	dB Step
Audio Type : AUDIO 4 tracks	Audio Full Scale	22 dBu Audio In/Out	Connector 16 XLR A + 16 BNC D	Step 0.75 Db Step 6 Db
OUT 1 - PGM 1	OUT 2 · PGM 2/PRV	OUT 3 - PGM 3	OUT 4 OUT 5	OUT 6
Type: Play	Play	Play		
A1 E T 1 T 0.00	E 🕶 9 💌 0.00 🚔	E • 17 • 0.00		
A2 E 💌 2 💌 0.00 🕂	E 💌 10 💌 0.00 📫	E 💌 18 💌 0.00 🚊		
A3 E 🕶 3 💌 0.00 ਦ	E 💌 11 💌 0.00 📫	E 🔻 19 💌 0.00 🐺		
A4 E 🕶 4 💌 0.00 🛫	E 💌 12 💌 0.00 🛨	E 🔻 20 💌 0.00 👻		
A5 🔽 🔽 0.00 🛫				
A7 7 0.00				
Monitoring				
Monitoring Audio 1 E 💌 1	🔽 Out 💌 0.00 🏯			
Monitoring Audio 2 E 💌 2	🔽 Out 💌 0.00 🚔			
Monitoring Audio 3 E 💌 3	🛡 Out 💌 0.00 芸			
Monitoring Audio 4 E 💌 4	▼ Out ▼ 0.00 ÷			
Save	Save As	Load	Lance	ŪK

Audio Inputs : Displays the current assignment of the audio input channels of the XT Series Server.

🔀 WinCfg version 1.4.0.1 🗄 C:\r	naster\Config.Cfg				×
ICIC	Base Configuration : XT S	potBox AVSP			
wincig	Video Configuration : 3 Rei	cord (Standard)	0 Record (Super LSM)		
	3 Pla	/ (Cut)	0 Play (Mix)		
<u>B</u> S422 Ports <u>V</u> ideo Channels Auc	dio Outputs Audio Inputs Adva	nced Parameters SDTI <u>N</u> etwork			
Use audio of REC 1 for all	REC				C Step 0.75 Db Step 6 Db
IN 1 - Rec 1	IN 2 - Rec 2	IN 3 · Rec 3	IN 4	IN 5	IN 6
Type : Record	Record	Record			
A1 E V 1 V 0.00	E 🛡 9 🛡 0.00 芸	E 🔽 17 🔽 0.00	V V 0.00 2	▼ ▼ 0.00	
A2 E ▼ 2 ▼ 0.00 ÷					
			V V 0.00 Z		
A7 V V 0.00 ÷			· · · · · · · · · · · · · · · · · · ·		
A8 🔽 🔽 0.00 🚊	▼ ▼ 0.00 🚍		V V 0.00 -	▼ ▼ 0.00	
Save	Save <u>A</u> s	Load		Cancel	<u>O</u> K

57				
WinCtg version 1.4.0.1 : C:	\master\Config.Cfg			×
NOTO	Base Configuration :	XT SpotBox AVSP		
wincig	Video Configuration :	3 Record (Standard)	0 Record (Super LSM)	
		3 Play (Cut)	0 Play (Mix)	
<u>R</u> S422 Ports <u>V</u> ideo Channels A	udio <u>O</u> utputs Audio <u>I</u> nputs	Advanced Parameters SDTI Network		

SDTI Network : To define the parameters of the XNet SDTI Network.

winc	q	Video Configurati	ion : 3 Record (Standar	d)	0 Record (Super LSM)	1	
			3 Play (Cut)		0 Play (Mix)	1	
BS422 Ports Video Cl	hannels Au	dio <u>O</u> utputs Audio	Inputs Advanced Parame	ters SDTI <u>N</u> etwork]		
	Net Speed :	OFF	-				
	Net Name :	EVS DEMO	(max. 8 caracters)				
	Net Mode :	Master					
N	et Number :	2	1 29				
	DB Size :	16000	V				
Sa	ave]	Save <u>A</u> s	Load	Cancel		<u>Q</u> K

Advanced Parameters : to configure the Guardband (duration of material beyond the IN and OUT point that will be automatically protected when creating a clip) and other video format and hardware configuration parameters.

🗙 WinCfg version 1.4.0.1 💠 C	\master\Config.Cfg			×
PTO	Base Configuration :	XT SpotBox AVSP		
wincfg	Video Configuration :	3 Record (Standard)	0 Record (Super LSM)	
		3 Play (Cut)	0 Play (Mix)	
<u>R</u> S422 Ports Video Channels A	udio <u>O</u> utputs Audio <u>I</u> nputs	Advanced Parameters SDTI Network		
Video Standard :	HD 720p 59.94 Hz	•		
Video Ref Type :	SD Black Burst	X		
Sync Mode :	Studio	-		
High Definition Specific Parame	sters			
Aspect Ratio of SD Outputs :	16:9 Anamorphic			
SD Output Assignment :	CVBS			
Horizontal Filtering :	768			
SD Edge Enh. (%):	66			
Enable óridio :	Finable Teletext			
Disk Block Size -	512			
0(1D)-1-C)(0)	012			
Uperational Disk Size (%):	90			
Video Bitrate (Mbps) :	100			
Interpolation :	ON	¥		
GuardBand :	00h00m03s00			
Save	Save	<u>Load</u>	Cancel	<u>D</u> K

AirBox Configuration

The AirBox Configuration item opens the following dialog box and allows you to define default settings for your AirEdit application:

Master Configuration 🛛 🗙
In Effect Duration Default 08s16
Transition Duration Default 04s05
Show 'Parameters Clip Edition' Dialog
Clip Create Simultaneously
Default In Point 00:00:00;00.
Delete Clip On Database Event
Delete Clip from Database Default
Fast log 6 (1X 10X)
Insert new clip in first position
Autoedit select ID window
<u>O</u> K <u>C</u> ancel

<u>Show "Parameters Clip Edition" Dialog</u> option displays/hides the parameters dialog box appearing after each clip creation. Note that this window never appears when the "Clip Create Simultaneously" is active (this option is described a few lines below).

<u>Default In Point hh:mm:ss:fr</u> enables or disables a default time code value for the in point for all clips when they are created.

<u>Delete Clip On Database Event</u>: when this option is checked, it automatically removes a clip from the AirEdit database when it is deleted from the server by another user. If this option is not checked, then a popup window appears to ask the operator whether or not he wants to keep this clip in the database even though it is not longer available on the XT Series Server.

<u>Delete Clip from Database Default</u> : if "Delete Clip On Database Event" is not selected, when a clip is deleted from the server by another user, a popup window appears to ask the operator whether or not he wants to keep this clip in the AirEdit database. If the "Delete Clip from Database Default" is checked, the the default choice in this window is to delete it from the database. If this option is not checked, the default choice in this window is to keep it in the database.

<u>Fast Jog</u> option allows you to set the speed of the Fast Jog function on the remote panel.

<u>Insert new clip in fist position</u> : if this option is selected, a new clip will be inserted in top position in the clip database. If this option is not selected, the position of a new clip in the clip database will be defined by the current sorting criteria.

<u>Autoedit select ID window</u> : if this option is selected, when creating a clip with VTR control, a popup window appears to allow the operator to define a name for the clip to be created. If this option is not selected, no popup window appears and the clip name is automatically generated.

• Delay Configuration

Delay Configuration	×		
Minimum Delay Allowed	10s00		
Start Up Delay	00h01m50s00		
Minimum Event Duration in the TimeLine	00s15		
Offset For Live Insert/Mark Cue	00s13		
Edit TimeLine Channel Reference	O On Air Time		
	TimeCode		
Enable Automatic Saving Request Manage	ement For PlayLists		
Enable GPI Management On Programmed Pauses			
# GPI OUT To Preroll External Device	1 💌		
Preroll Duration For External Device	03s10		
# GPI OUT To Send Play On External Devic	ce 2 💌		
# GPI IN For Resume (Send By External De	evice)		
OK (Cancel		

<u>Minimum Delay Allowed</u> defines the minimum delay duration that is allowed between the live incoming program and the main program output.

<u>Startup Delay</u> defines the value of the delay that must be reached when starting the AirEdit application. The AirEdit main output will freeze on the first recorded picture until the Startup Delay value is reached, and then will start playing automatically. <u>Minimum Event Duration in the Timeline</u> defines the duration of the shortest operation (insert, remove, replace, etc) that can be performed in the timeline. If the operator tries to perform an operation that leads to an event in the timeline with a duration shorter than this parameter, the operation will be refused.

<u>Offset For Live Insert/Mark Cue</u> is linked to the reaction time of the operator when performing a Live Insert or marking a cue on the live program. The IN point for the insert or the cue point will be placed slightly ahead. This advance is defined by this offset parameter.

<u>Edit Timeline Channel Reference</u> defines the time reference displayed in the edition module to identify a frame in the timeline. A frame in the timeline can be identified either by its OnAir Time (time when it will play on the main program output) or by its Timecode (time when it was recorded on the live program input).

<u>Enable Automatic Saving Request Management For Playlists</u> : if this option is selected, a popup window appears when leaving the playlist tab if the current playlist as been modified since the last save, to ask the operator if he wants to save this playlist in the database.

<u>Enable GPI Management on Programmed Pauses</u> : when programming a pause in the AirEdit, it is possible to send GPI triggers to an external device for Preroll and Play commands, and to receive a GPI trigger from an external device to resume the playback from the AirEdit.

• Category

This item gives you access to the Media and Type management. These two key parameters are useful to organize, sort and find clips in the database.

Media Managing		Type Managing	
clip de 10 secondes		type 0	
Media clip de 10 secon	Remove	Туре	Remove
Live MEDIA de 10 sec	Rename	type 1 type 2	Rename
Satellite Vtr	Add	Whe 2	Add
	Exit		Exit

• Clip VTR Configuration

The Clip VTR option allows you to play back a video clip from a VTR and insert it inside a playlist. That way you can combine clips from the XT Series Server and clips from tape inside the playlist.

Selecting the Clip VTR Configuration item opens the following dialog box:

Clip Vtr configuration	×
Default Preroll Time	00:00:08:10.
Play VTR Time to cue Vtr	00:01:40;02.
Delay to play	00:00:12;15.
Control VTR Default Values	
Inc	00:00:00;00.
C Out	00:00:00;00.
C Duration:	00:00:00;00.
OK	Cancel

Default Preroll Time: The Preroll command is sent to the VTR via the RS422 connection. Default: 10 seconds

Time to cue VTR: minimal duration to cue the VTR. Default 25 seconds

Preroll Time: The Preroll command is sent to the VTR via the RS422 connection. Default: 10 seconds

Delay to Play: defines the delay between the input and output channels of the server for a "Clip VTR". Default: 3 seconds

Control VTR Default Values: If this option is selected, the values for In, Out and Duration are used as default value to populate the corresponding fields in the VTR control window.

• Redundancy

🖥 AirEdit Commande	er - COMMANDER1		
🚡 <u>F</u> ile <u>E</u> dit Vie <u>w</u>	<u>T</u> ools <u>H</u> elp		
	Com Configuration XT Server Configura AirBox Configuration Delay Configuration Category Clip Vtr Configuration	ion ►	
	Redundancy Set Date	► Conne Swap	ict Main and Backup
	Clear TC Table		

Connect: to connect to the main or backup AirEdit system.

Swap Main and Backup: to make the main/backup AirEdit system become the backup/main AirEdit system.

• Set Date

This item allows you to set date of the AirEdit application at start up.

Set Date	×
Please check current date Time Code Input (Sever) : 12:44:07:20.	
Current Date : vendredi 27 juin 2003 📱	J
Cancel	

23h34m34s, 21 fé∨rier 2000

• Clear TC Table

This item allows to empty the TC table file when it is full. In that case, the message TC! is showed on the OSD. This problem happens when the Timecode source is not referenced to the same signal used for the Video Server reference (Black Burst), or when the Timecode source is unstable.

The <u>Help</u> menu opens the software information window. This window provides information about the software version of the AirEdit application and about the compatibility with the version of the Multicam software that must be installed on the XT Series Server.

Chapter 3 – Software management

The Recorders



The recorder is represented by a Record button and the Record time, the duration already recorded and a lock/unlock record button. To start and to stop the record, press the Record button.

If no TimeCode reference is entered to the XT Series Server, then the internal PC clock of the XT Series Server is used as a reference.

Select the corresponding tab to view the desired record channel. Selecting 'All' displays all recorders.

The VTR control panel and Recorder List are accessible from each recorder tab. The standard functions needed to control a VTR are available here: Play, Stop, Still (pause), Rewind and Fast Forward, Preroll and preroll duration. The scrolling bar allows you to search the tape in Jog mode or in Shuttle mode. The current status of the VTR is continually sent back to the AirEdit for better control. The status field indicates what the VTR is doing with a tape sequence (Idle, Playing, Rewinding,...).

Important note : the TC of the VTR is sent to the AirEdit through the RS422 connection between the VTR and the AirEdit PC. Do NOT connect the LTC output of the VTR to the LTC input of the XT Series Server. The LTC input of the XT Series Server must only be used to lock the server to the station's timecode reference.

Right click on the "Control VTR" tab to select the VTR you want to control.



When IN and OUT points are defined, the Auto Edit button starts the playback of the VTR (from the IN point to the OUT point, taking into account the preroll duration) and the record of the XT Series Server at the same time.

The Clip VTR option allows you to blend sequences from disks and sequences from tapes into a same playlist. It creates a virtual clip (entry) into the database. This new Clip VTR has the same parameters (ID, Name, Type, Duration,...) as clips coming from the disks and can be easily found in the database, and can be inserted in any playlists.

The Recorder List module is an automatic hands-free recorder. Sequences of recordings can be scheduled in advance.



To create a new event (clip), press the New button. The following dialog box appears to enter the parameters:

Add a Clip into	Record-List 🛛 🕅
Name	
ID	
Media	Undefined OK
Туре	Undefined Cancel
Start Date	5 /15/01 💌
Start Time	00:00:00.
Duration	00:00:03:00.
Periodicity	0 Day(s) 00:00:00.
Auto - Delete	Day(s) 00:00:00.

Parameters as Name, ID, Media, Type are standard parameters to identify the new clip into the clips database.

Start Date, Start Time and duration are mandatory parameters to schedule a record sequence.

Periodicity/AutoDelete

This function allows to record a live show every day and to rebroadcast it using the periodicity/autodelete parameters.

For example: The Weather Forecast recorded every day at a fixedhour is re-broadcasted several times during the following hours. The day after, the new Weather Forecast is recorded and the old one is deleted, and so forth. The Periodicity parameter defines the time (days, hours, minutes, seconds, frames) of the next recording.

The AutoDelete parameter defines the time to automatically delete an old clip. Note that the AutoDelete of the "old" clip must be completed at least 3 seconds before the "new" clip is created according to the Periodicity parameters, otherwise an error message will warn the user.

The Clip Edition

The clip edition module is used to browse the recorded material and to create clips from this material.



The Current TimeCode field allows you to enter a defined TimeCode Reference and go to this TimeCode reference: Enter a new TimeCode position in the TimeCode field and press Enter to validate.

The IN, OUT and Duration fields are also editable and allows to enter a defined IN, OUT point or a defined duration.

Creating a clip

Press the corresponding LIVE button (1, 2, 3 or 4) to visualize the desired record channel.

Browse to the desired IN/OUT points, press the IN/OUT button to mark the first/last frame of the clip; this can be done "on the fly" or by accurately positioning the material with the scrolling bar (or with the jog knob of remote).

To clear an IN/OUT point, press the CLEAR IN/CLEAR OUT button.

When the IN and OUT points of the clip have been marked, press the Save Clip button to display the Clip Edition dialog box.

Important Note: The number of characters for the clip name must not exceed 24 characters. In order to comply with the XT Series Server operating system, ID name(up to 8 characters) has been automatically linked to the Clip Name at the time of the creation of this one.

Edit Clip Para	meters		×
blama	Cio 1		
Name		(max. 24)	
ID	Clip 1	In 02:	50:00:00.
Туре	Foot	Out 02:	55:30:00.
Media		Duration 00:	05:30:00.
Date	Sunday , March 05,	2 🗸	
Comment			
Rating	××	Archive Status	: Not Archived
	Keywords	Send To Archive	send to bin(s)
	player_A1	Cancel Archive	Filter1
	player_B1	Reset Archive	Filter3 Filter4 Filter5
	Save	Cancel	Filter6

Media, type, creation date, clip category, or various comments can be added to the clip for information. We can also add some default keywords previously imported into the server. Each file (.kwd) contains up to 200 keywords and we can assign a maximum of 3 keywords for each clip. The Rating is so to set a priority level to a clip (from 0 to 3 stars).

If we want a particular clip to go to a specific location (folder), we can also do so by choosing the name of that folder in this window (i.e: NAT for national). Bin rules are also available so that the clips made from one feed will go to the desire folder.

Press the SAVE button to enter the new clip into the Clips Database.

Media and type can be modified in the menu Tools/Category.

In the Master Configuration menu, it is possible to disable the automatic display of the Clip Edition dialog box. In this case, the clip is immediately saved when clicking the SAVE button.

The Clips Database

The list of existing clips appears at the bottom of the screen in the database area with the information/attributes assigned to each clip. The attributes and clips are not permanent and can be modified.

Clicking on the title of a column re-organizes the list display (for example: clicking on Clip Name title sorts the whole list in alphabetical order, clicking on the In title sorts the clips according

to the timecode	of their IN point).	
-----------------	---------------------	--

Clips	Status	Clip Name	Duration	In	Out	Date 🔺
_	0	Noname01	00:00:05:00	17:26:52:0	2 17:26:57:02	🛛 Fri, 07 Jul 2000 🗖
	\bigcirc	Noname02	00:00:05:00	17:27:58:1	1 17:28:03:11	Mon, 10 Jul 200
	0	Noname03	00:00:05:00	17:28:19:2	3 17:28:24:23	Fri, 07 Jul 2000
	0	Noname04	00:00:05:00	17:28:39:0	8 17:28:44:08	🛛 Fri, 07 Jul 2000 🚽
	ন —	N		17.00.00.0	a 17.00.00.00	
	Bst Fit	ok I guar	d bad l	4 5		10 sec

The **Status** column displays the current status for each clip: green sign means that the clip is present on the XT Series Server and into the clips database on the AirEdit PC. A red sign means that data or the clip itself on the XT Series Server, are missing for playback.

The operator can hide, show and re-order selected columns. Rightclick into the title bar of the database to open the List ordering window:

Lis	List Ordering 🛛 🛛 🔀		
I	Playlist		
	Position	Title	
	0	#	
	1	Mode	
	2	Effect	
	3	On Air Time	
	4	Date	
	5	Name	
	6	Duration	
	7	Event	
	▲		
		DK Cancel	

A drag and drop facility allows you to move the fields and to reorder them as desired. Double-click on a field to hide/show the corresponding column in the database. A column is hidden when its name is grey in the List Ordering window. Inside the clip database area, right-clicking on a clip will call the option pop-up menu:

Change clip ID
Change TimeCode
Lock
UnLock
Delete
Search
Check DataBase
Remove from filter(s)
Archive 🕨
Rating 🕨 🕨
Edit
Сору
Database Filter
Reset DB Filter

The $\mbox{Change clip ID}$ allows the operator to redefine the Louth ID of the selected clip.

The **Change TimeCode** item allows to re-define the timecode of the IN point of a clip. The timecode of the entire clip will be re-calculated accordingly, so that it remains continuous.

The Lock/UnLock item locks/unlocks the selected clip. This means that this clip can no be removed from the Database but modifications (name, IN and OUT points,...) are authorized. A padlock symbol is displayed in the status field.

The **Delete** item deletes the selected clip(s) from the database.

The Search function allows you to search for a clip in all database

The **Check DataBase** item checks the validity of the database contents (Sequence-fields in the.mdb file). In order to check the validity of the video sources, the Check DataBase function compares the clips recorded on the disks of the XT Series Server and the clips listed in the database of the AirEdit PC. The two lists must be identical to be valid. It is recommended to proceed with this checking process on a regular basis to identify/remove unavailable clips from the database. Indeed, when deleting clips from the server, the operator can select to keep the reference to these clips inside the database. When selecting this option, the following window appears:

Check DB					×
Datal	base Mas	ter's total clips :	39		
- Total SDTI -					
		Warning Clips :		_	
		Not available :		_	
			,		
- Local					
2000			Local		
	N	lumber of clips :	39] [
		Valid Clips :	39	_ [
			0	- r	
		Not available :	0	- '	
		Hot arailable .	1-		
Namo	Number	Status		Cline	
*EVS DEMO	2	Checked		39 Cli	p(s)
					.,
Action :	Checker	t			
	,				Evit
			1		
Check All		Check Local			Clear Unavailable

The following buttons are available at the bottom of the window:

- Check all: check all servers present on the SDTI network.
- Check required: check only the required servers. When a new server appears on the network, a database check must be performed before using its clips.
- Check Local: check only the local server. The local server is the one directely connected to the AirEdit PC through the RS422 connection.
- Stop: stop the database check process.
- Exit : exit the database check window

Important note : the AirEdit application can work with an XT Series Server that is part of an XNet SDTI network, but only local clips can be used in the timeline. The **Archive** item sets the archiving status for the selected clip(s) to export them to an EVS XFile or XStore system.

Change clip ID Change TimeCode Lock UnLock Delete Search Check DataBase Remove from filter(s)	
Archive	Reset Archived Status Send To Archive
Edit Copy Database Filter Reset DB Filter	Cancel Archive

The **Rating** items is used to change the rating of the selected clip(s). Rating can be – (none) or 1, 2 or 3 stars.



The Edit item opens the clip parameters dialog box for modification.

The **Copy** item copies the selected clip(s) to the clipboard in order to paste it (them) later in a playlist. Several clips can be selected by holding the SHIFT key when clicking.

Filters

In the clips database, filters are available to refine the selection. It is possible to associate a clip to various filters and then use these filters to sort the database and quickly locate the desired clips.

Rst Flt	ok	guard	bad	4	5	6	7	10 sec	🗌 And
---------	----	-------	-----	---	---	---	---	--------	-------

To view the entire database without applying any filter, click on the Rst Flt button ("Reset Filters")

To assciate a clip to a filter, drag&drop this clip to the desired filter button. The clip is not duplicated, it is only associated to the corresponding filter inside the database. So you can create filters for Sports, Jingles, Ads, ...

Each filter button can be renamed: right-click on the filter button to rename, and select the Rename option. A dialog box appears where the new name of the filter can be typed.

To view only the clips associated to a filter, click on the corresponding filter button.

The AND checkbox:

If the AND checkbox is <u>unchecked</u>, the database area displays the sum of all clips contained in each of the filters currently applied.

Example: If Clip0001 is associated to filter 1, it will be displayed when viewing the database even when filter 1 and filter 2 are applied simultaneously.

While the AND box is <u>checked</u>, the database field displays a crossselection of clips contained in the selected filters. (i.e. clips present in filter 1 AND filter 2).

Example: If Clip0002 is associated to filter 1 and filter 2, it will be displayed when viewing the database with filter 1 and filter 2 applied. If Clip0002 is associated to filter 1 but <u>not</u> to filter 2, it will not be displayed.

Keywords

eywords List					
1	2	3	4	5	
action_1	player A1	player B1			
action_2	player_A2	player_B2			
action_3	player_A3	player_B3			
action_4	player_A4	player_B4			
action_5	player_A5	player_B5			
action_6	player_A6	player_B6			
action_7	player_A7	player_B7			
action_8	player_A8	player_B8			
action_9	player_A9	player_B9			
action_10	player_A10	player_B10			
action_11	player_A11	player_B11			
action_12	player_A12	player_B12			
action_13	player_A13	player_B13			
action_14	player_A14	player_B14			
action_15	player_A15	player_B15			
action_16	player_A16	player_B16			
action_17	player_A17	player_B17			
action_18	player_A18	player_B18			
action_19	player_A19	player_B19			
action_20	player_A20	player_B20			
Keyword 1	Keyword 2	Keyword 3			
action_1	player_A1	player_B1		OK	Cancel

To import the keywords into the system, we first need to create a document with the .kwd extension that will look like the example shown below.

1=R.Madrid 2=Luxemburgo 3=Raul 4=Zidanne

Leave empty spaces to organize the grid. We then save the file into a disk or a USB memory pen that later we will insert into the XT. Before running the Multicam, we go to the Advanced Parameters (F9) in the EVS Maintenance Menu and choosing the option: import/export keywords.

Video server window:

	Application Window	Title E	Bar	Configuration	Window	
	Application 00 LSM Custor 01 LSM 1CAM 02 LSM 1CAM 03 LSM 2CAM 04 LSM 2CAM 05 LSM 3CAM 06 LSM 3CAM 06 LSM 3CAM 07 Triple LSI 08 LSM 4CAM 09 LSM 4CAM 10 Super LSM 11 Super LSM 13 Super LSM	s Thist F m 8 (CUT) 7 (FX) 6 (CUT) 6 (CUT) 7 (FX) 6 (CUT) 4 (CUT) 3 (FX) 3 (CUT) 1 (FX) 1 (CUT) 1 (FX)	EVS 00.14.11 Hardware Revision HCTX Rev A2 Audio Codec Anal Audio In/Out 16 XLR A #Video Ch 6 COHX HD COHX HD COHX HD Genlock MTPC Rev A1/R2 Software Releases SM:07.00.37 CT: 27.56, 23/05/	May 24,200 IS Vetwork SDTI Log RevA2 Net Na Net Ni Type DB Siz Video Std I Aspect SD Mor Audio Ref Ty 05 Sync N Genloc TC in Phase	05 16:36:35 Z ork OFF off OFF umber 1 Server server 16:000 clips ce 16000 clips 6 bé Audio 080i 59.94 NTSC ce Ratio 4:3 L Box 0N ON 0N ce Phase	
Message Wir	idow					
	F9>Maintena Task Bar	nce <f8>Paramet</f8>	ters †↓ Sel	.ect <f7> Def App</f7>	> <alt-q>Qui</alt-q>	.t

Start the application and then press SHIFT + F2 to open the following window:

SH+ESC:UGA EXPLORER (SH)F3:F	RESET(ALL) F6:KW1 F7:KW2	F8:SRCH F9:CLIP F10:PLST
GPI In Setting Channel/Device Port GPI 1 : PGM1 GPI 2 : PGM2 GPI 3 : PGM3 GPI 4 : PGM4 GPI 5 : RMT1 GPI 6 : RMT1	System InfoFunctionPlayPlayPlayPlayPlayPlayPlayPlayPlayPlayPlayDate: 30/11/05 -	56/4096 117/16000 540Mbps Relay Master # 03 1.01 / 30.27 IX 609 L Time: 10:15:03
GPI 2 : MMI1 GPI 8 : RMT1 GPI Delay : Disable OSD Settings	akip Pause Clip Management Autoname clip : Disable	UGA Settings UGA & RMT Sync : No Channel Names
Genlock error : Yes Disk error : Yes Network error : Yes Keyword Info : Yes Audio meters on OSD : Yes Audio meters adj.(db): 00	Call Ch. UGA : Disable Keyword file : sample Date format : dd/mm/yy Dft Xfile : XFile #29 Reset archive sts [ENTER] Record Trains	PGM 1 : PGM1 PGM 2 : PGM2 CAM A : CAM B :
Network Settings Clip edit by network : Yes	Continuous loop rec : ON Resync to TC ref [ENTER]	RS422 Protocols ID Type : ID LSM
TAB:SELECT ITEM <-/->:CHANGE	OPTION F4:SAVE AS F5:LOA	D

Then select the keyword file to use from the clip management area.

For more information regarding the settings of the video server, please refer to Technical reference manual.

Database Filter

Using the Database Filter allows us to search media by their position on the XTs and, their camera angle, the different keywords already associated to the clips, the rating, TC, or even by a date interval in one or more Servers of the XNet.

Database Filter				×
🔽 Machine	🔽 Bank	🔽 Page	🔽 Camera	ОК
SERV1 (1) SERV2 (2) AGENCIAS (3)	Bank 1 Bank 2 Bank 3 Bank 4 Bank 5 Bank 6	Page 0 Page 1 Page 2 Page 3 Page 4 Page 5	Cam A A Cam B Cam C Cam D Cam E Cam F	Cancel Reset
✓ Keywords	✓ Rating	₩ TC 00:00:00.00	1	
	XXX	All Text Noticias		
🔽 Date				
From: 31/10/05	_			
To: 31/10/05	•			

The Playlist Database

Num	Playlist Name	Duration	Comment 🔺
63	verndredi 07/07/	00:00:00:00	
64	mix samedi 08	00:00:00:00	
67	mix lundi 10	00:00:00:00	
65	cut 04 samedi 08	00:00:00:00	
68	cut 04 lundi 10	00:00:00:00	
66	cut 03 samedi 08	00:00:00:00	
69	cut 03 lundi 10	00.00.00.00	v

Note: The playlist duration is displayed when its duration (clips duration + transition effects) can be calculated. If one parameter (GPI, Break, Loop,...) makes the exact calculation impossible, the playlist duration is nil.

The attributes of playlists can be re-organized. The operator can hide, show and re-order selected columns. In order to open the List ordering window for Playlists, right-click into the title bar of the database

O	#
1	Mode
2	Effect
3	On Air Time
4	Date
5	Name
6	Duration
7	Event

This window works similarly to the List ordering window for Clips, already described in this manual.

Into the Playlist Database area, right-click on a playlist in order to call the playlist contextual menu

New	
Duplicate	
Delete	
Rename	
Refresh	

The **New** item opens a new playlist 01 in a player module. If no channel is available, the system will warn the user.

The **Duplicate** item copies the selected playlist with the automatic naming: playlist_name-copy. A dialog box opens to change the playlist name.

The **Delete** item removes the selected playlist(s) from the database. Multiple selections can be performed by holding the Shift key while clicking.

The Rename item to rename the selected playlist.

The Player

Concluster

Playout Area

■ ■ ■ Rem □ 01:0	Our Cur Event Rem Dur To Train 00:00;00. :;;	Next Skip 🕑 🖪 🔓		
01:09:58;27 1	00:09:58;27 DELAY		01:00:00;00	

This area displayed the On Air time line and the next clip loaded.

Depending on the mode used the first Remaining Duration field can also display the DELAY time.

The PLAY, PAUSE, NEXT, SKIP buttons affect the current time line. The playback can be locked to ensure the broadcasting in time.

The SET DELAY button (clock icon) displays the SET DELAY module. Default delay is set to 10 seconds.

 ${\sf R}$: enables the redundancy between the timeline of the main AirEdit and the timeline of the backup AirEdit. All changes in the timeline of the main system will be replicated to the timeline of the backup system.

Set Delay
Enter New Delay
00:00:10:00.
Ok Cancel
WARNING : this action will reset the Time Line

Important Note: This function clears all items previously inserted in the time line playlist.

The new delay will take effect one second after the operator has confirmed the command by OK. The minimum delay possible is 2 seconds.

The Time line area

TimeLine PlayList							
ON AIR	#	Tc In	Event	Delay	GPI	D	
10:10:45:13	1	10:09:24:21	DELAY	00:01:20:19		0(
10:20:06:01	2	08:52:00:00	INSERT rlisteli, 00:00:	-:-:-:-		0(
10:20:09:01	3	08:56:25:16	INSERT Clip0067, 00:	-:-:-:-		0(
10:20:15:10	4	08:56:28:21	INSERT Clip0068, 00:	-:-:-:-		0(
10:20:20:21	5	08:56:36:21	INSERT Clip0069, 00:	-:-:-:-		0(
10:20:26:23	6	08:56:45:02	INSERT Clip0070, 00:	-:-:-:-		0(
10:20:36:12	7	10:18:45:09	DELAY	00:01:51:05		-:	
L							
•						►	

The Time Line area displays the list of items coming soon. As soon as the the playback of an items is completed, this item will disappear from the time line.

<u>The Playlist Area</u>

TimeLine PlayList							
Playlist Name test Duration 00:00:31:08.							
#	Clip Name	Tc In	Duration	Acc.Dur.			
1	rlisteli	08:52:00:00	00:00:03:00	00:00:03:00			
2	Clip0066	08:56:22:11	00:00:00:22	00:00:03:22			
3	Clip0067	08:56:25:16	00:00:06:09	00:00:10:06			
4	Clip0068	08:56:28:21	00:00:05:11	00:00:15:17			
5	Clip0069	08:56:36:21	00:00:06:02	00:00:21:19			
6	Clip0070	08:56:45:02	00:00:09:14	00:00:31:08			

The playlist area allows you to compose a screenplay with different clips available from the Clips database.

Creating a playlist

Select the New Playlist item from the pop-up menu (right button into the Playlist Name square)

New Playlist
Save
Save As
Clear Broadcast List

Or drag & drop a clip from the clip database to the clip field: a new playlist is automatically created. Add other clips with drag&drop facility or use the Copy/paste function.

Select SAVE item to enter the new playlist into the playlist DB

The edition module

The Edition field allows you to REMOVE, REPLACE, MUTE, HIDE, INSERT, PAUSE (PGM), BROWSE (list), to modify the In and OUT points of a clip (CLIP mode), and to select the IN/OUT position to insert a clip/Playlist.

Use the Drag & Drop facility to enter the selected clip/Playlist into the edition module (Item to Insert)

Item to Insert	poisson		K Clip	Duration 00:00	:30;00.	PRV	MARK NEXT
	_		Edit II. TimeCoo			rt GPI Out in TI	
IN M		Live	01:10:24;	26.	2	234	CUT OUT
REMOVE F1	CLIP REPL F2	MUTE F3	HIDE F4	INSERT F5	PGM PAUSE F6	BROWSE F7	CLIP F8

Remove

Images from LIVE can be removed. Enter the IN and OUT points to define the section to remove. The operation is taken into account as soon as the OUT point is entered.

Remove			
ln Out	00:00:00;00.		
Press 'IN' key to define the first image you want to remove			

Replace

This command combines the "REMOVE" and "INSERT" commands. The selection of the clip to insert and the IN position for insertion are available in the same window.

There are 2 "REPLACE" modes that can be selected by right-clicking on the REPLACE button :



Replace based on Clip Duration

Select the clip to insert and mark an IN point in the timeline to define where the clip should be inserted. The whole clip will be inserted and the equivalent duration in removed from the timeline, starting at the IN point.

Clip Replace				
In	02:15:52;08.			
Name Type Dur.	poisson Clip 00:00:30;00.			
Press 'IN' key to perform the replacement from this image				

Replace based on Timeline In-Out

Select the clip to insert and mark an IN and OUT points in the timeline to define where the clip should be inserted. The clip will be inserted and its OUT point automatically trimmed to match the IN-OUT interval defined in the timeline. The section between the IN and OUT points is removed from the timeline.

TL Replace				
In Out	00:00:00;00.			
Name Type	poisson Clip			
Dur.	00:00:30;00.			
Press 'IN' key to define the first image you want to replace				

Comment: As the period to remove from the LIVE equals the item duration to insert, the Delay time remains unchanged after a REPLACE function.

Mute

This command mutes the Audio channel for a defined period. Only the video images are displayed during this period.

Mute				
In Out	00:00:00;00. 00:00:00;00.			
Press 'IN' key to define the first image you want to mute				

Hide

This command hides the video channel for a defined period. Only the audio channel is played back, a black pattern replaces the video images during this period. The HIDE window is similar to the MUTE window.

Insert

The Insert mode allows the user to insert a defined clip/playlist into the timeline and to select the position where this clip/playlist is inserted.

Insert				
In Out	00:00:00;00.			
Name Type Dur.	poisson Clip 00:00:30;00.			
Press 'IN' key to define the point where you want to insert				

IN point only:

The delayed PGM is shifted after the new clip inserted.

IN and OUT points:

When the IN and OUT points are both defined, the Insert mode acts as a REMOVE+INSERT mode. But the delay duration is different from the new clip duration: it equals to the duration defined by the In and OUT points.

PGM Pause

The PGM Pause command defines a period into the time line to stop any playback. A black pattern is displayed during this period.

Pgm Pause					
In	00:00:00;00.				
Dur	00:00:00;00.				
Out	00:00:00;00.				
Ok Cancel					
Press 'IN' key to define on which image you want to do a pause					

Note: Duration pause is not yet available.

IN point only:

The delayed PGM stops at this point and waits for duration (if defined) or for user operation.

IN and OUT points:

The delayed PGM stops at the IN point and waits for the OUT point to continue

Browse

The Browse mode allows the user to browse the first frame of each clip of a playlist. This operation is done through the keyboard (arrow keys) or via the jog of the remote control panel.

Clip

Only available in Playlist tab, not in AirEdit Timeline tab. This function allows the operator to trim a clip inside the playlist.

Clip
Use IN and OUT buttons to trim selected clip

Chapter 4 – Remote control panel

The remote control panel is designed to ease the Clip creation process and the VTR control.



Remarks:

- Search entry into playlist DB : not available with this version 03.00.04
- Mark Cue Point: not available with AirEdit. For Air Edit only.

Chapter 5 – Keyboard Short Cuts

Recorder.

Shift+R: Start / Stop records.

Control VTR.

ALT+V: select control VTR. Space Bar: Pause. <- -> : Search Shift + <- -> : Search 5*. Crtl + <- -> : Search 50*. P: Play. I: Set In. O: Set Out. T: Goto In. E: Goto Out. S: Auto Edit

Clip edit:

ALT + E: select Clip Edit F9: Live 1. F10: Live 2. F11: Live 3. F12: Live 4. Space Bar: Pause. <- -> : Search Shift + <- -> : Search 5*. Crtl + <- -> : Search 50*. P: Play. I: Set In. O: Set Out. T: Goto In. E: Goto Out. S: Save. D: Duration. R: Remain. G: Goto TC.

Database:

ALT + B: select Database. <- -> : Search Shift + $\langle - \rangle$: Search 5^{*}. Crtl + <- -> : Search 50*. Del: Delete. Enter: Edit clip. Ctrl + U: Lock. Alt + U: Unlock. Ctrl + S: Search clip. Ctrl + E: Edit clip.

Playlist:

Ctrl + Enter: Preload. Alt + Space Bar: STOP. <- -> : Search Shift + $\langle - \rangle$: Search 5^{*}. Crtl + <- -> : Search 50*. P: Play. Space Bar : Pause. T: Goto In. E: Goto Out. N: Next. K: Skip. Crtl + N: New Plst. Crtl + A: Save As. Ctrl + X: Cut. Ctrl + C: Copy. Ctrl + V: Paste. Del: Delete. Ctrl + L: Loop. Ctrl + E: Effect. Ctrl + S: Speed. Ctrl + Z: Start Mode.

Playlist Edit:

ALT+M: select Playlist Edit. Enter: Playlist Edit. <- -> : Search Shift + $\langle - \rangle$: Search 5^{*}. Crtl + <- -> : Search 50*. P: Play. I: Set In. O: Set Out. T: Goto In. E: Goto Out. S: Save. N: Next.

B: Previous.

Table of contents

INTRODUCTION 1	
CHAPTER 1 - CABLING 2)
CHAPTER 2 – CONFIGURATION	}
The Menu Bar 4	ŀ
• COM configuration)
• XT Server configuration (WinCfg)	,
AirBox Configuration)
Delay Configuration11	
• Category 12)
Clip VTR Configuration	}
CHAPTER 3 – SOFTWARE MANAGEMENT 15)
The Recorders)
The Clip Edition	,
The Clips Database	}
Keywords	ŀ
The Playlist Database)
The Player27Playout Area27The Time line area28The Playlist Area29The edition module29	, , , ,
CHAPTER 4 – REMOTE CONTROL PANEL)
CHAPTER 5 – KEYBOARD SHORT CUTS)
TABLE OF CONTENTS	}

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