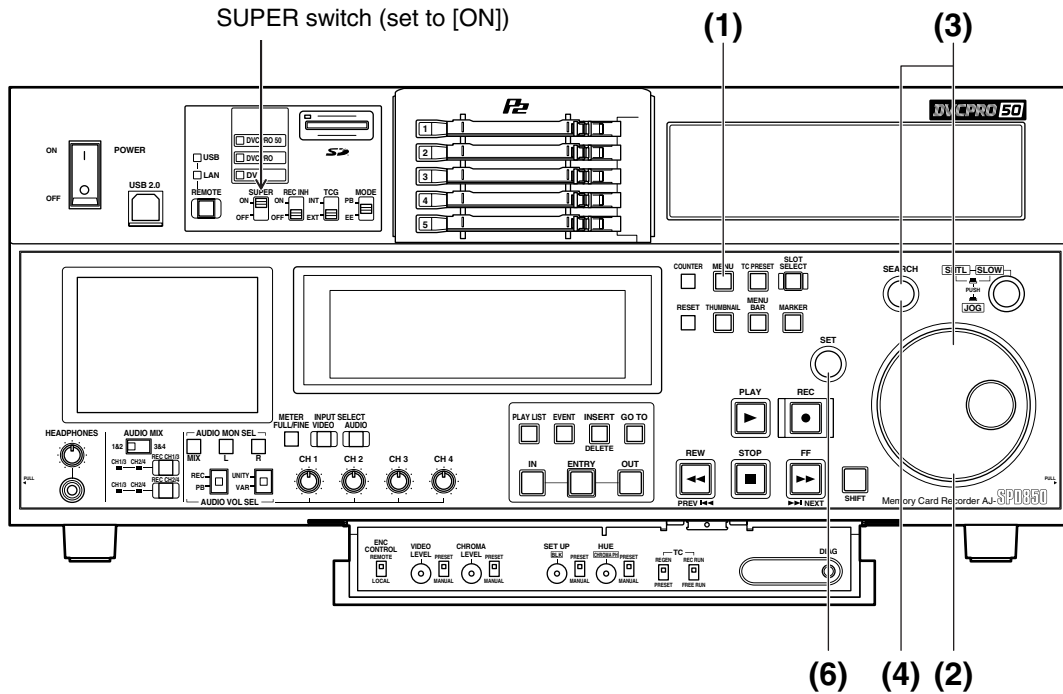# Panasonic Broadcast

AJ-SPD850p
Menu Information

Setup (Initial settings)

The memory card recorder's main settings are performed while making selections using a system of menus.
If a TV monitor has been connected to the VIDEO OUT 3 connector or SDI OUT 3 connector (optional) on the rear panel and the SUPER switch is set to [ON], the setting menus are displayed on the TV monitor.

SUPER switch (set to [ON])

(1)   (3)

(6)   (4) (2)

■Changing the settings

(1) Press the MENU button
The setup menu screen appears on the TV monitor, and the setup menu item number appears on the counter display.

Each time the FF button is pressed (for about 1.5 seconds), the item number and item name are displayed alternately.

(If a setup was performed previously, the screen on which the last change was made is displayed.)

(2) Turn the search dial to select the item to be set
The menu screen cursor (∗) moves, and the item number on the display flashes.

- When the dial is turned clockwise, the item number is incremented from 001 → 002 → 003 → 004 and so on; conversely, when it is turned counterclockwise, the item number is decremented.
- When the FF button or REW button is pressed while holding down the PLAY button, the next or previous item is selected.
- Whenever possible, limit the use of the search dial to the JOG mode.

(3) At the position where the change is to be made, turn the search dial while holding down the SEARCH button
The settings on the menu screen and display now flash. When the dial is turned clockwise, the setting number is incremented; conversely, when it is turned counterclockwise, it is decremented.

(4) Upon completion of the setting, release the SEARCH button
- When the search dial is in the SHTL mode, the item will move unless the dial is set to the center position.

(5) When other items are to be changed, repeat steps (2) to (4)

(6) Press the SET button
The changes are stored in the memory.
To disregard the new settings and restore the old settings instead, press the MENU button.
- To return the setup contents to the factory settings (initial settings), press the RESET button while the menu is displayed. The following message is displayed.

SETUP - MENU INIT SET
YES<PLAY> / NO<STOP>

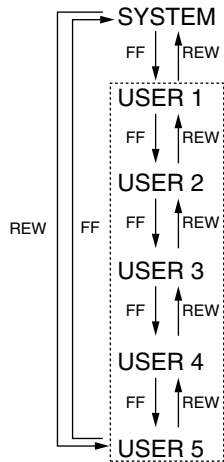If the PLAY button is now pressed, the factory settings are reinstated.

Notes:
- If the RESET button is pressed to restore the factory settings, only the user files currently in use are restored. The other user files remain unaffected.
- The changes made to the SYSTEM menu contents are recorded even by pressing the MENU button to close the menu screen.

Setup menus

The memory card recorder can hold five user files, each of which has its own specific menu settings, and one of these files can be selected for use.

■ Changing the file

(1) Press the MENU button

(2) Press the FF button while holding down the DIAG (or SHIFT) button to switch to the next user file or press the REW button while holding down the DIAG (or SHIFT) button to return to the previous user file

SYSTEM
FF ↓ ↑ REW
USER 1
FF ↓ ↑ REW
USER 2
REW ‖ FF   FF ↓ ↑ REW
USER 3
FF ↓ ↑ REW
USER 4
FF ↓ ↑ REW
USER 5

User files
Each user file contains the following items.
- BASIC
- OPERATION
- INTERFACE
- EDIT
- TIME CODE
- VIDEO
- AUDIO
- V BLANK
- LCD
- MENU

(3) To enter the selection made in step (2) for the user file which is to be used, press the SET button
The user file is changed and stored in the memory.

Note:
Since the SYSTEM menu items are not included in user files 1 through 5, first select the user file and switch to the SYSTEM file, and then set the SYSTEM menu items.

■ Setting and releasing the lock mode

The lock mode can be set to protect the system file and user file (USER2 to USER5) settings. Once the lock mode is set, no further changes can be made to the settings.

Setting and releasing the lock mode can be set for the system file by using setup menu No. 40 (MENU LOCK) and for the user files by using setup menu No.A03 (MENU LOCK).

(1) Press the MENU button

(2) Press the REW or FF button while holding down the DIAG (or SHIFT) button and select the file for which the lock mode is to be set or released

(3) Turn the search dial

The cursor (∗) on the menu screen is moved to No. 40 (MENU LOCK) for the system file or to No. A03 (MENU LOCK) for a user file.

(4) Turn the search dial while holding down the SEARCH button to select whether the lock mode is to be set or released

To set the lock mode:
Set 0001 (ON) as the setting.
To release the lock mode:
Set 0000 (OFF) as the setting.
When the lock mode has been set, "LOCKED" flashes on the menu screen. The counter display stops flashing and remains lighted.

```
SETUP-MENU      LOCKED
<USER2>        NO .000-0005
∗000  P-ROLL TIME           5s
 001  LOCAL ENA           STOP
 002  CTL DISP           ±12h
 003  REMAIN SEL            2L
 008  DISPLAY SEL        T&STA
 009  CHARA H-POS           4
 010  CHARA V-POS          18
 011  CHARA TYPE        WHITE
 012  SYS FORMAT          50M
```

(5) Press the SET button
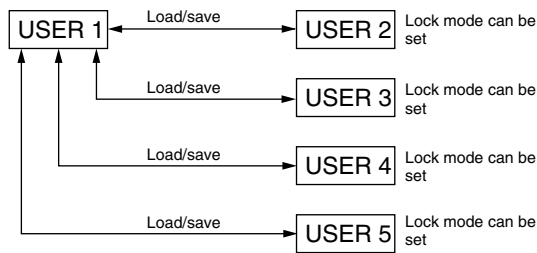The setting is stored in the memory.

Notes:
- The lock mode cannot be set for the USER1 file.
- Once set to the lock mode, a file cannot be reset to the factory settings even by pressing the RESET button.

Setup menus (continued)

■Loading user files

The contents of the USER2, USER3, USER4 or USER5 file can be copied (loaded) into the USER1 file. Also, the contents of the USER1 file can be copied (saved) into the USER2, USER3, USER4 or USER5 file.

```
USER 1 ◄── Load/save ──► USER 2    Lock mode can be set

          ◄── Load/save ──► USER 3    Lock mode can be set

          ◄── Load/save ──► USER 4    Lock mode can be set

          ◄── Load/save ──► USER 5    Lock mode can be set
```

(1) Press the MENU button

(2) Press the REW or FF button while holding down the DIAG (or SHIFT) button and select USER1 file

(3) Turn the search dial to move the cursor (∗) on the menu screen to No. A00 (LOAD)

```
SETUP-MENU      MENU
<USER1>          NO .A00-0000
 902  GUI OUTPUT        OFF
∗A00  LOAD             USER2
 A01  SAVE             USER2
 A02  P. ON LOAD        OFF
 END
```

(4) Turn the search dial while holding down the SEARCH button to select the user file whose contents are to be loaded into USER1

(5) Press the SET button

The following message appears on the menu screen and counter display.

Menu screen

```
SETUP-MENU      LOAD

USER2 ➜ USER1 OK?
YES<PLAY>/NO<STOP>
```

Counter display

```
L   U2  >  U1
```

The number of the user file selected in step (4) is displayed at ▮.

(6) Press the PLAY button

The settings of the user file selected in step (4) are loaded, and the USER1 menu display appears. If the STOP button is pressed instead, the settings are not changed, and the USER1 menu display appears.

(7) Turn the search dial to move the cursor (∗) on the menu screen to a number other than No. A00 (LOAD) or No. A01 (SAVE)

(8) Press the SET button

The USER1 settings are stored in the memory.
If the USER1 settings are not to be stored in the memory, do not press the SET button but press the MENU button instead.

■Saving user files

(1) Press the MENU button

(2) Press the REW or FF button while holding down the DIAG (or SHIFT) button and select USER1 file

(3) Turn the search dial to move the cursor (∗) on the menu screen to No. A01 (SAVE)

```
SETUP-MENU      MENU
<USER1>          NO .A00-0000
 902  GUI OUTPUT        OFF
 A00  LOAD             USER2
∗A01  SAVE             USER2
 A02  P. ON LOAD        OFF
 END
```

(4) Turn the search dial while holding down the SEARCH button to select the user file in which the contents of USER1 are to be saved

Those user files which have been set to the lock mode do not appear on the display. If all the user files have been set to the lock mode, the "LOCKED" display appears, and the contents of USER1 cannot be saved into any of the user files.
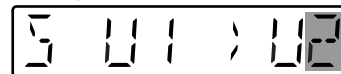
(5) Press the SET button

The following message appears on the menu screen and counter display.

Menu screen

```
SETUP-MENU      SAVE

USER1 ➜ USER2 OK?
YES<PLAY>/NO<STOP>
```

Counter display

```
5   U1  >  U2
```

The number of the user file selected in step (4) is displayed at ▮.

(6) Press the PLAY button

The settings of USER1 are saved in the user file selected in step (4) and stored in the memory. If the STOP button is pressed instead, the settings are not changed, and the USER1 menu display appears.

(7) Turn the search dial to move the cursor (∗) on the menu screen to a number other than No. A00 (LOAD) or No. A01 (SAVE)

(8) Press the SET button

The USER1 settings are stored in the memory.
If the USER1 settings are not to be stored in the memory, do not press the SET button but press the MENU button instead.

■Automatically recalling a user file when turning on the power

If the user file to be loaded is selected in advance using setup menu No. A02 (P. ON LOAD), the file will be automatically loaded into USER1 when the power is turned on.

Setup menus (continued)

■SYSTEM menu

No./Item	Description
11 **SYS SC COAR.**	**Coarse adjustment of system phase:** 90 ° units **0000** **0** **Note:** **0001** 90 If setting operation is **0002** 180 performed, the setting **0003** 270 value does not return to factory (default) setting.
12 **SYS SC FINE**	**Fine adjustment of system phase:** Variable range ±45 ° or more –: Advanced, +: Delayed **0000** **−128** **Note:** : : If setting operation is **0128** **0** performed, the setting : : value does not return to **0255** 127 factory (default) setting.
13 **SYS H**	**System phase adjustment:** 74 ns steps –: Advanced, +: Delayed **0000** **−128** **Note:** : : If setting operation is **0128** **0** performed, the setting : : value does not return to **0216** 127 factory (default) setting.
14 **SCH COARSE**	**SCH phase adjustment:** 90 ° units (The SC phase changes but the H phase does not change.) –: Advanced, +: Delayed **0000** **0** **0001** 90 **0002** 180 **0003** 270
15 **SCH FINE**	**SCH phase adjustment:** Total variable range: ±45 ° or more (The SC phase changes but the H phase does not change.) –: Advanced, +: Delayed **0000** **−32** : : **0032** **0** : : **0064** 32

No./Item	Description
16 **AV PHASE**	**This adjusts the audio output phase with respect to the video output:** 20.8 µs steps –: The audio output phase is advanced with respect to the video output. +: The audio output phase is delayed with respect to the video output. **0000** **−100** : : **0100** **0** : : **0200** 100
18 **SYS H OFFSET**	**System phase adjustment.** **0000** **−3 :** −13.4 µsec **0001** **−2 :** −8.96 µsec **0002** **−1 :** −4.52 µsec **0003** **0 :** 0 sec **0004** **1 :** +4.52 µsec **0005** **2 :** +8.96 µsec **0006** **3 :** +13.4 µsec **Note:** If setting operation is performed, the setting value does not return to factory (default) setting.

19
 	
SYS SC/H
	This sets whether the system phase is to be adjusted by the memory card recorder or from the external encoder remote controller.
	
	0000 REMOTE :
	   The system phase is adjusted from the external encoder remote controller.
	0001 LOCAL :
	   The system phase is adjusted by the memory card recorder.
	Note:
	This setting does not take effect when LOCAL has been selected by the ENC CONTROL switch on the front panel.

The underlined items indicates the initial setting.

Video output signal adjustments
The video output signal adjustments are made by using the ENC CONTROL switch on the front panel and selecting the SYSTEM menu item No. 19 (SYS SC/H) settings. A control matrix of the adjustments is shown below.

Setting		Item adjusted	
ENC CONTROL	SYSTEM menu item 19: SYS SC/H	SYSTEM menu item 11: SYS SC COAR. 12: SYS SC FINE 13: SYS H	Front panel (under section) VIDEO LEVEL CHROMA LEVEL SET UP/BLACK HUE/CHROMA PHASE
LOCAL	LOCAL	The memory card recorder	The memory card recorder
	REMOTE		
REMOTE	LOCAL	The memory card recorder	External encoder remote controller
	REMOTE	External encoder remote controller	

Setup menus (continued)

■SYSTEM menu

No./Item	Description

30
 	
BRIGHT
	This adjusts the brightness of the LCD monitor on the front panel.
	
	0000 –7
	  : :
	<u>0007</u> <u>0</u>
	  : :
	0014 7
	Note:
	If setting operation is performed, the setting value does not return to factory (default) setting.

31
 	
CONTRAST
	This adjusts the contrast of the LCD monitor on the front panel.
	
	0000 –7
	  : :
	<u>0007</u> <u>0</u>
	  : :
	0014 7
	Note:
	If setting operation is performed, the setting value does not return to factory (default) setting.

40 **MENU LOCK**	**This selects whether the system file lock mode is to be engaged or released.** <u>0000</u> **OFF :** The lock is released (file data can be changed). 0001 **ON :** The lock is engaged (file data cannot be changed).

■USER menu \<BASIC>

No./Item	Description

000
 	
P-ROLL TIME
	This sets the preroll time.
	The preroll time can be set from 0 to 15 seconds in 1-second increments.
	0000 0s
	  : :
	<u>0005</u> <u>5s</u>
	  : :
	0015 15s

001
 	
LOCAL ENA
	This selects the buttons which can be operated on the front panel when the REMOTE button is lit.
	
	0000 DIS :
	     No buttons can be operated.
	<u>0001</u> <u>STOP</u> :
	     Only the STOP button can be operated.
	0002 ENA :
	     All buttons can be operated.

002 **CTL DISP**	**This selects the 12 or 24 hour display for the CTL counter.** <u>0000</u> <u>±12h</u> **:** 12 hour display 0001 24h **:** 24 hour display

003
 	
REMAIN SEL
	This selects whether the remaining time or total time is to be displayed in the superimposed display of the VIDEO OUT 3/ SDI OUT 3 connector (optional) signals.
	
	0000 **OFF:** No display.
	0001 **2L :**
	     The remaining time is displayed on the second line.
	<u>0002</u> <u>1L</u> **:**
	     The remaining time is displayed on the first line.
	0003 R/TTL :
	     The remaining time is displayed on the first line, and the total time is displayed in the second line.
	Notes:
	•When "2L" is selected, the remaining time is not displayed if "TIME" has been selected as the setup menu item No. 008 (DISPLAY SEL) setting.
	•When "R/TTL" is selected, the total time is not displayed if "TIME" has been selected as the setup menu item No. 008 (DISPLAY SEL) setting.

The underlined items indicates the initial setting.

Setup menus (continued)

■USER menu <BASIC>

No./Item	Description

008
 	
DISPLAY SEL
	This selects what information is to be provided by the time code and other superimposed displays output from the VIDEO OUT 3/SDI OUT 3 connector (optional).
	
	0000 TIME : Data only.
	  (The data indicates the value for whichever of CTL, TC or UB currently selected by the COUNTER button.)
	0001 T&STA :
	  Data and operation status.
	0002 T&S&M :
	  Data, operation status and mode.
	0003 T&RT : Data and REC TIME
	0004 T&YMD :
	  Data and REC DATE (year/month/day)
	0005 T&MDY :
	  Data and REC DATE (month/day/year)
	0006 T&DMY :
	  Data and REC DATE (day/month/year)
	0007 T&UB :
	  Data and user bit.
	  However, when UB has been selected with the COUNTER button, the time code is displayed after the user bit.
	0008 T&CTL :
	  Data and CTL data.
	  However, when CTL has been selected with the COUNTER button, the time code is displayed after the CTL data.
	0009 T&T : Data and time code.
	0010 VITC:
	  The time code and user bit recorded on the card are displayed.
	Notes:
	• Mode display:
	  DVCPRO 50 (50 Mbps) = DVCPRO_50,
	  DVCPRO (25 Mbps) = DVCPRO,
	  DV = DV
	• An error message appears if a warning or error has occurred when "T&S&M" has been selected as this setting.
	• The recording duration and recording time and date are displayed when the DV format applies. The operating status is displayed instead when the DVCPRO50 (50 Mbps) or DVCPRO (25 Mbps) format applies.

No./Item	Description
009 **CHARA H-POS**	**This sets the position of the characters on the horizontal plane for the time code and other superimposed displays output from the VIDEO OUT 3/ SDI OUT 3 connector (optional).** 0000 0 : : <u>0004</u> <u>4</u> : : 0016 16 **Note:** Characters may extend beyond the edges of the screen.
010 **CHARA V-POS**	**This sets the position of the characters on the vertical plane for the time code and other superimposed displays output from the VIDEO OUT 3/ SDI OUT 3 connector (optional).** [525i system] [625i system] 0000 0 0000 0 : : : : <u>0018</u> <u>18</u> <u>0023</u> <u>23</u> : : : : 0022 22 0028 28 **Note:** When the DISPLAY SEL setting causes characters to extend beyond the edges of the screen, the setting value is changed so that the characters are automatically displayed in a position on the screen.

011
 	
CHARA TYPE
	This selects the display type for the superimposed display output from the VIDEO OUT 3/SDI OUT 3 connector (optional) as well as for displays such as the setup menu, etc.
	
	0000 WHITE :
	  White characters against a black background.
	0001 W/OUT :
	  White characters with a black border.

The underlined items indicates the initial setting.

Setup menus (continued)

■USER menu <BASIC>

No./Item	Description

012
 	
SYS FORMAT
	This sets the memory card recorder's recording and playback format.
	
	0000 50M :
	    DVCPRO50 (50 Mbps) is selected.
	0001 25M :
	    DVCPRO (25 Mbps) is selected.
	0002 DV :
	    DV (25 Mbps) is selected.
	Note:
	The format complies with the setting of this menu item when the card is ejected.

017 CHARA SIZE	**This selects the size of the characters for the superimposed display output from the VIDEO OUT 3/SDI OUT 3 connector (optional).** **0000 NORMAL :** Standard size **0001 LARGE :** 4 times larger than the standard size **Note:** When LARGE has been selected, only time data is displayed, regardless of the setup menu No.008 (DISPLAY SEL) setting.

No./Item	Description
069 CLOCK SET	**Sets the internal clock time.** **Note:** Press the STOP button to display a sub-screen for selecting the line to be recorded. Press the STOP button again to return from the sub-screen.
Sub-screen	

00
 	
YEAR
	Sets the year.
	
	0000 2000
	    : :
	0004 2004
	    : :
	0030 2030

01 MONTH	**Sets the month.** **0001 JAN** : : **0012 DEC** **Note:** If a nonexistent day is set while setting Feb, April, June, September, or November, it is set as the first day of the following month.
02 DAY	**Sets the day.** **0001 1** : : **0031 31** **Note:** If a nonexistent day is set while setting Feb, April, June, September, or November, it is set as the first day of the following month.
03 HOUR	**Sets the hour value.** Set the value based on 24-hour clock time. **0000 0** : : **0023 23**
04 MINUTE	**Sets the minute value.** **0000 0** : : **0059 59**

The underlined items indicates the initial setting.

Setup menus (continued)

■ USER menu <BASIC>

No./Item	Description
05 TIME ZONE	**Sets the time difference from the world standard time.** 0000 00:00 0001 +00:30 0002 +01:00 : : 0050 −00:30 Refer to the table below, and select the setting which corresponds to the local time.

Time difference	City/region	Time difference	City/region
00:00	Greenwich	+ 13:00	
- 00:30		+ 10:30	Lord Howe Island
- 01:00	Azores	+ 12:00	New Zealand
- 01:30		+ 09:30	Darwin Islands
- 02:00	Central Atlantic time	+ 11:00	Solomon Islands
- 02:30		+ 08:30	
- 03:00	Buenos Aires	+ 10:00	Guam
- 03:30	Newfoundland	+ 07:30	
- 04:00	Halifax	+ 09:00	Tokyo
- 04:30		+ 06:30	Rangoon
- 05:00	New York	+ 08:00	Beijing
- 05:30		+ 05:30	Bombay
- 06:00	Chicago	+ 07:00	Bangkok
- 06:30		+ 04:30	Kabul
- 07:00	Denver	+ 06:00	Dacca
- 07:30		+ 03:30	Teheran
- 08:00	Los Angeles	+ 05:00	Islamabad
- 08:30		+ 02:30	
- 09:00	Alaska	+ 04:00	Abu Dhabi
- 09:30	Marquesas Islands	+ 01:30	
- 10:00	Hawaii	+ 03:00	Moscow
- 10:30		+ 00:30	
- 11:00	Midway Islands	+ 02:00	Eastern Europe
- 11:30		+ 12:45	Chatham Islands
- 12:00	Kwajalein Atoll	+ 01:00	Central Europe
+ 11:30	Norfolk Islands		

Note:
The clock has an accuracy equivalent to a monthly error of ±30 seconds with the power OFF. When the precise time is required, check the time and reset it while the power is ON.

No./Item	Description

070
 	
TV SYSTEM
	This selects the TV system.
	
	[525i system] [625i system]
	0000 525 0000 525
	0001 625 0001 625
	
	0000:
	   The 525 interlace/59.94 Hz system is selected.
	0001:
	   The 625 interlace/50 Hz system is selected.
	Notes:
	• After this setting is changed, turn off and back on the power again to take it effect.
	• Analog video signals cannot be selected using INPUT SELECT once the TV system has been changed from the factory setting.
	• When the setting is changed, the play list is reset.

Setup menus (continued)

■USER menu <OPERATION>

No./Item	Description
100 **SEARCH ENA**	**This selects the direct search dial operation.** <u>**0000**</u> <u>**DIAL :**</u> For direct search dial operations. **0001** **KEY :** Operation is not transferred to the search mode unless the search button is pressed.
101 **SHTL MAX**	**This sets the maximum speed for shuttle operations.** **0000** **x8 :** 8x normal speed **0001** **x16 :** 16x normal speed <u>**0002**</u> <u>**x32 :**</u> 32x normal speed **0003** **x60 :** 60x normal speed **0004** **x100 :** 100x normal speed
102 **FF. REW MAX**	**This sets the maximum speed for FF and REW operations.** **0000** **x32 :** 32x normal speed **0001** **x60 :** 60x normal speed <u>**0002**</u> <u>**x100 :**</u> 100x normal speed
104 **REF ALARM**	**This selects whether to warn the operator when the REF. VIDEO signal has not been connected.** **0000 OFF :** Warning is not given. <u>**0001**</u> <u>**ON :**</u> Warning is given by the flashing STOP lamp. **Note:** Video and audio output may be disturbed when the reference video signal is not input, so it is recommended that a system which inputs the reference video signal be used.

No./Item	Description
105 **AUTO EE SEL**	**This selects the memory card recorder mode in which the EE status is established when the MODE switch is set to EE.** **0000 S/F/R :** EE status is established in STOP, FF and REW modes. However, EE status is established at all times when the card is ejected, regardless of the MODE switch setting. <u>**0001**</u> <u>**STOP :**</u> EE status is established in STOP mode. However, EE status is established at all times when the card is ejected, regardless of the MODE switch setting. **0002 BLACK :** EE status is established in STOP mode. However, when the card is ejected, if the MODE switch is set to; **EE:** EE status is established. **PB:** The picture becomes black and the sound is muted. **0003 BLACK1 :** EE status is established in STOP, FF and REW modes. However, when the card is ejected, if the MODE switch is set to; **EE:** EE status is established. **PB:** The picture becomes black and the sound is muted. **0004 GRAY :** EE status is established in STOP mode. However, when the card is ejected, if the MODE switch is set to; **EE:** EE status is established. **PB:** The picture becomes gray and the sound is muted. **0005 GRAY1 :** EE status is established in STOP, FF and REW modes. However, when the card is ejected, if the MODE switch is set to; **EE:** EE status is established. **PB:** The picture becomes gray and the sound is muted.

The underlined items indicates the initial setting.

Setup menus (continued)

■USER menu <OPERATION>

No./Item	Description
106 **EE MODE SEL**	**This selects the EE mode output signals.** **0000 NORMAL :** Signals are output with a delay equivalent to the length of internal signal processing. **0001 THRU :** Signals are output directly, without internal processing, and so are output with no delay. **Note:** When 1394 has been selected for the video input signals or when INT SG has been selected for video or audio, internal operations are forcibly set to NORMAL.
107 **PLAY DELAY**	**This set the play delay time in frame increments.** **0000 0** : : **0015 15**
112 **V IN SEL INH**	**This selects whether video input switching using the INPUT SELECT button is to be enabled or disabled.** **0000 OFF :** Video input switching using the INPUT SELECT button is enabled. **0001 ON :** Video input switching using the INPUT SELECT button is disabled. **0002 REC :** Video input switching using the INPUT SELECT button after the memory card recorder has been transferred to a recording mode is disabled.

No./Item	Description
113 **A IN SEL INH**	**This selects whether audio input switching using the INPUT SELECT button is to be enabled or disabled.** **0000 OFF :** Audio input switching using the INPUT SELECT button is enabled. **0001 ON :** Audio input switching using the INPUT SELECT button is disabled. **0002 REC :** Audio input switching using the INPUT SELECT button after the memory card recorder has been transferred to a recording mode is disabled. **Note:** Even when the ON or REC setting is selected to disable audio input switching using the INPUT SELECT button, it is still possible to set the setup menu items No. 715 (CH1 IN SEL), No. 716 (CH2 IN SEL), No. 717 (CH3 IN SEL), No. 718 (CH4 IN SEL), No. 719 (D IN SEL12) and No. 720 (D IN SEL34).

The underlined items indicates the initial setting.

Setup menus (continued)

■USER menu <INTERFACE>

No./Item	Description
201 **9P SEL**	**This selects whether the REMOTE (9P) connector functions when the REMOTE button is lit.** **0000 OFF :** Connector does not function. **0001 ON :** Connector functions.
202 **ID SEL**	**This sets the ID information to be returned to the controller.** **0000 OTHER** **0001 DVCPRO** **0002 ORIG** **Notes:** •ID information of any VTR except for the DVCPRO's is set in OTHER. •Select ORIG only when the unit has been connected to the specified controller.
204 **RS232C SEL**	**This selects whether the RS-232C connector functions when the REMOTE button is lit.** **0000 OFF :** Connector does not function. **0001 ON :** Connector functions.
205 **BAUD RATE**	**These settings are for selecting the RS-232C communication speed (baud rate).** (Unit: Bps) **0000 300** **0001 600** **0002 1200** **0003 2400** **0004 4800** **0005 9600**
206 **DATA LENGTH**	**These settings are for selecting the RS-232C data length.** (Unit: bit) **0000 7** **0001 8**
207 **STOP BIT**	**These settings are for selecting the RS-232C stop bit length.** (Unit: bit) **0000 1** **0001 2**

No./Item	Description

208
 	
PARITY
	These settings are for selecting the none, odd or even for the RS-232C parity bit.
	
	0000 NON :
	    Parity bit is not used.
	0001 ODD:
	    An odd number of bits is used for the parity system.
	0002 EVEN:
	    An even number of bits is used for the parity system.

209 **RETURN ACK**	**These settings are for selecting whether the ACK code is to be returned when a command is received from RS-232C.** **0000 OFF :** ACK code is not returned. **0001 ON :** ACK code is returned.

The underlined items indicates the initial setting.

50

Setup menus (continued)

■USER menu <EDIT>

No./Item	Description
303 **STD/NON-STD**	**This selects STD or NON-STD in accordance with the composite input signal.** **0000 AUTO :** Standard/non-standard signals are automatically identified and processed. **0001 STD :** Standard signals are processed. (Forced STD) **0002 N-STD :** Non-standard signals are processed. (Forced NON-STD) **Notes:** •Use the non-standard (NON-STD) setting when video or audio trouble occurs with signals from laser discs or a satellite. •At the NON-STD setting, the images shown on the front panel's LCD monitor will be significantly disrupted when the unit's operation is transferred from the play mode to EE mode: this is normal and not indicative of malfunctioning.
304 **REF LOCK**	**This selects the REF LOCK mode.** **0000 AUTO :** Servo is synchronized with the input signal during recording, or with the REF signal during playback. **0001 EXT :** Servo is synchronized at all times with the REF signal. **0002 AUTO1 :** Servo is synchronized with the input signal during recording, or with the REF signal during playback. When there is no reference (REF) signal, the EE output is synchronized with the internal reference signal at the AUTO setting or with the STD input signal at the AUTO1 setting. The AUTO1 setting is selected when the STD signal is to be used. **Note:** At the AUTO setting, the images shown on the front panel's LCD monitor will be significantly disrupted when the unit's operation is transferred from the play mode to EE mode: this is normal and not indicative of malfunctioning.

No./Item	Description
315 **AFTER CUE-UP**	**This selects the mode after cue-up operation is complete.** **0000 STOP :** STOP mode **0001 STILL :** SHTL STILL mode
320 **VAR FWD MAX**	**This sets the maximum SLOW FWD speed.** **0000 +4 :** +4x speed **0001 +2 :** +2x speed **0002 +1 :** +1x speed **Note:** At any speed setting other than 0 (+4), the phase cannot be synchronized from the editing controller.
321 **VAR REV MAX**	**This sets the maximum SLOW REV speed.** **0000 –4 :** –4x speed **0001 –2 :** –2x speed **0002 –1 :** –1x speed
323 **JOG FWD MAX**	**This sets the maximum JOG FWD speed.** **0000 +4 :** +4x speed **0001 +2 :** +2x speed **0002 +1 :** +1x speed **Notes:** •The maximum speed is set to +1 x when the dial on the front panel is operated. •At any speed setting other than 0 (+4), the phase cannot be synchronized from an editing controller which synchronizes the phase using the JOG command.
324 **JOG REV MAX**	**This sets the maximum JOG REV speed.** **0000 –4 :** –4x speed **0001 –2 :** –2x speed **0002 –1 :** –1x speed **Note:** The maximum speed is set to –1 x when the dial on the front panel is operated.

The underlined items indicates the initial setting.

Setup menus (continued)

■USER menu <TIME CODE>

No./Item	Description
500 VITC BLANK	This selects whether to output the VITC signal at the positions selected by setup menu items No. 501 (VITC POS-1) and No. 502 (VITC POS-2). **0000　BLANK :** 　VITC signals are not output. **0001　THRU :** 　VITC signals are output.
501 VITC POS-1	This sets the position where the VITC signal is to be inserted. [525i system]　　[625i system] **0000　10L**　　**0000　　7L** 　:　　:　　　:　　: **0006　16L**　　**0004　11L** 　:　　:　　　:　　: **0010　20L**　　**0015　22L** **Note:** The same line as the one used for the setup menu items No. 502 (VITC POS-2) and No. 662 (UMID POS) setting cannot be set.
502 VITC POS-2	This sets the position where the VITC signal is to be inserted. [525i system]　　[625i system] **0000　10L**　　**0000　　7L** 　:　　:　　　:　　: **0008　18L**　　**0006　13L** 　:　　:　　　:　　: **0010　20L**　　**0015　22L** **Note:** The same line as the one used for the setup menu items No. 501 (VITC POS-1) and No. 662(UMID POS) setting cannot be set.
503 TCG REGEN	This selects the signal to be regenerated when the time code generator (TCG) in the REGEN mode. **0000　TC&UB :** 　Both the time code and user bit are regenerated. **0001　　TC :** 　Only the time code is regenerated. **0002　　UB :** 　Only the user bit is regenerated.

No./Item	Description
505 EXT TC SEL	This selects the time code to be used when an external time code is to be used. **0000　LTC :** The LTC of the TIME CODE IN connector is used. **0001　VITC :** The VITC of the input video signal is used. **Note:** During recording, there is a discrepancy in the picture and superimposed TC value displayed, but the actual recording is not adversely affected in any way.
506 BINARY GP	This sets the usage status of the user bit of the time code generated by the TCG. **0000　000 :** 　NOT SPECIFIED (character set not specified) **0001　001 :** 　ISO CHARACTER (8 bits character set based on ISO646, ISO2022) **0002　010 :** UNASSIGNED 1 (undefined) **0003　011 :** UNASSIGNED 2 (undefined) **0004　100 :** UNASSIGNED 3 (undefined) **0005　101 :** PAGE/LINE **0006　110 :** UNASSIGNED 4 (undefined) **0007　111 :** UNASSIGNED 5 (undefined)
507 PHASE CORR	This selects whether to control the phase correction of the LTC which is output from the TIME CODE OUT connector. **0000　OFF :** 　Phase correction control is not performed. **0001　ON :** 　Phase correction control is performed.
508 TCG CF FLAG	This selects whether the CF flag of the TCG is to ON. **0000　OFF :** CF flag is OFF. **0001　ON :** CF flag is ON.
509 DF MODE	This selects the DF or NDF mode for CTL and TCG. **0000　DF :** 　The drop frame mode is used. **0001 NDF :** 　The non-drop frame mode is used. **Notes:** •Drop frame mode is valid only when the REMOTE button is lit or the setup menu No. 001 (LOCAL ENA) is set to ENA. •This menu option is not displayed in the 625i system.

The underlined items indicates the initial setting.

Setup menus (continued)

■USER menu \<TIME CODE>

No./Item	Description
510 **TC OUT REF**	**This is used to switch the phase of the time code, which is output from the TIME CODE OUT connector, for the external LTC input when the TCG switch is at the "EXT" position.** **0000 V OUT :** Time code is synchronized with output video signal. **0001 TC_IN :** Time code is synchronized with external time code input.
511 **VITC OUT**	**This selects how the VITC which is to be superimposed onto the output video signal during playback is to be output.** **0000 SBC :** The time code recorded in the sub code area is output as the VITC. **0001 VAUX :** The time code recorded in the VAUX area is output as the VITC.
514 **VITC GEN**	**This selects whether or not to record the internal time code generator value in the VAUX area.** **0000 OFF :** The internal time code generator value is not recorded in the VAUX area. When video signals on which the time code has been recorded are input, the time code of the input signals is recorded in the VAUX area. **0001 ON :** The internal time code generator value is recorded in the VAUX area. **Note:** If 1394 has been selected as the input signals, the time code on the input compressed signals will be recorded regardless of this menu's setting.

Sub code area:
This area is separate from the video and audio data area on the P2 card. The time code complying with SMPTE/EBU standards is stored here.

VAUX area:
This area is to be found in the video data area on the P2 card. The additional information relating to the video data is stored here.

The underlined items indicates the initial setting.

■USER menu \<VIDEO>

No./Item	Description
600 **INT SG**	**This selects the internal signal.** **0001 BB :** The black burst is generated. **0002 CB100 :** 100% color bars are generated. **0003 CB75 :** 75% color bars are generated.
601 **OUT VSYNC**	**This selects whether to float the vertical sync position of the video output in order to align the video output phase with the input in the EE/record/edit modes.** **0000 N-VF :** Signals are not floated. **0001 VF :** Signals are floated.
603 **CC (F1)** **BLANK**	**This selects ON or OFF for the closed caption signal of the first field.** **0000 BLANK :** Signal is forcibly blanked. **0001 THRU :** Signal is not blanked. **Note:** This menu option is not displayed in the 625i system.
604 **CC (F2)** **BLANK**	**This selects ON or OFF for the closed caption signal of the second field.** **0000 BLANK :** Signal is forcibly blanked. **0001 THRU :** Signal is not blanked. **Note:** This menu option is not displayed in the 625i system.
605 **FREEZE SEL**	**This selects the freeze mode for still pictures.** **0000 FIELD :** Field freeze. **0001 FRAME :** Frame freeze. **Notes:** •When frame freeze has been selected, the frame slow status is established with the slow setting. •This setting is also followed when there is a freeze command from the RS-422A connector, but the picture displayed on the LCD monitor screen shown at this time will not be frozen.
606 **OUT C KILL**	**This selects chroma color killer processing for the video output signals.** **0000 B/W :** No color signals are output. **0001 COLOR :** Color signals are output.

53

Setup menus (continued)

■USER menu <VIDEO>

No./Item	Description
609 **EDH**	**This selects whether to superimpose EDH onto the SDI output signals.** **0000 OFF :** EDH is not superimposed. <u>**0001**</u> <u>**ON**</u> **:** EDH is superimposed. **Note:** Even when ON is selected for this setting, EDH is not superimposed onto the signals output from the SDI OUT 3 connector (optional) if the SUPER switch on the front panel is set to ON.
610 **P$_B$/P$_R$ IN LV**	**This selects the analog component input level.** **0000 M II :** M II level <u>**0001**</u> <u>**B-CAM**</u> **:** ß-CAM level **Note:** This menu option is not displayed in the 625i system.
611 **YC SEP MODE**	**This selects Y/C separation processing for the composite input signals.** **0000 B/W :** The signals are processed as B/W signals. <u>**0001**</u> <u>**AUTO**</u> **:** The signals are automatically detected.
614 **P$_B$/P$_R$ OUT LV**	**This selects the analog component output level.** **0000 M II :** M II level <u>**0001**</u> <u>**B-CAM**</u> **:** ß-CAM level **Note:** This menu option is not displayed in the 625i system.
618 **INTERPOLATE**	**This selects the interpolation operation.** Vertical interpolation is conducted automatically during slow-motion playback to reduce the vertical movement of the playback pictures. However, this menu item enables the interpolation operation to be forcibly turned off. **0000 OFF :** Interpolation is forcibly turned off. <u>**0001**</u> <u>**AUTO**</u> **:** Interpolation is automatically turned on during slow-motion playback.

No./Item	Description
620 **ESR MODE**	**This selects the operation mode for edge subcarrier reduction (ESR) in the playback circuit.** **0000 OFF :** The mode is forcibly set to OFF. <u>**0001**</u> <u>**AUTO**</u> **:** The mode is automatically set to ON or OFF depending on the memory card recorder operation.
621 **CCR MODE**	**This selects the cross color processing during playback.** <u>**0000**</u> <u>**OFF**</u> **:** The cross color is output with no changes made. **0001 ON :** The cross color can be reduced. **Note:** This menu option is not displayed in the 625i system.
624 **CC REC**	**This selects whether to record the closed caption signals multiplexed on the input signals on the card.** <u>**0000**</u> <u>**OFF**</u> **:** No closed caption signal is recorded. In addition, the EE output signals are blanked. **0001 ON :** When a closed caption signal is detected from the selected input signal, it can be recorded on the card. **Notes:** •This menu option is not displayed in the 625i system. •If 1394 has been selected as the input signals, the closed caption signal on the input compressed signals will be recorded regardless of this menu's setting.
645 **WIDE SELECT**	**This selects whether to record the WIDE information on the card.** **0001 WIDE :** The information is recorded. <u>**0002**</u> <u>**NORMAL**</u> **:** No information is recorded. **Note:** If 1394 has been selected as the input signals, the input information will be recorded.

The underlined items indicates the initial setting.

Setup menus (continued)

■ USER menu <VIDEO>

No./Item	Description
622 **SETUP 25** **(For AJ-SPD850P)**	**For setting 7.5% setup processing to be performed on input and output signals in the DVCPRO (25 Mbps) mode.** When the STOP button is pressed, operation is transferred to the sub-screen, and the setup level is set for each output. To return from the sub-screen, press the STOP button again. **Note:** This setup menu is not displayed in the 625i system.
Sub-screen	
00 **CMPST IN**	**This selects the 7.5% setup processing for the input composite signal.** **0000 THRU :** The signal is recorded in its original form. **0001 CUT :** The signal is recorded with the 7.5% setup removed.
01 **CMPST OUT**	**This selects the 7.5% setup processing for the output composite signal.** **0000 THRU :** The signal is output in its original form. **0001 ADD :** The signal is output with the 7.5% setup added. **Note:** Bear in mind the setting for sub-screen item No. 03 (CMPNT OUT) of setup menu item No. 622 (SETUP 25).
02 **CMPNT IN**	**This selects the 7.5% setup processing for the input component signal.** **0000 THRU :** The signal is recorded in its original form. **0001 CUT :** The signal is recorded with the 7.5% setup removed.
03 **CMPNT OUT**	**This selects the 7.5% setup processing for the output composite, component and serial (digital) signal.** **0000 THRU :** The signal is output in its original form. **0001 CUT :** The signal is output with the 7.5% setup removed. **0002 ADD :** The signal is output with the 7.5% setup added.

No./Item	Description
623 **SETUP 50** **(For AJ-SPD850P)**	**For setting 7.5% setup processing to be performed on input and output signals in the DVCPRO50 (50 Mbps) mode.** When the STOP button is pressed, operation is transferred to the sub-screen, and the setup level is set for each output. To return from the sub-screen, press the STOP button again. **Note:** This setup menu is not displayed in the 625i system.
Sub-screen	
00 **CMPST IN**	**This selects the 7.5% setup processing for the input composite signal.** **0000 THRU :** The signal is recorded in its original form. **0001 CUT :** The signal is recorded with the 7.5% setup removed.
01 **CMPST OUT**	**This selects the 7.5% setup processing for the output composite signal.** **0000 THRU :** The signal is output in its original form. **0001 ADD :** The signal is output with the 7.5% setup added. **Note:** Bear in mind the setting for sub-screen item No. 03 (CMPNT OUT) of setup menu item No. 623 (SETUP 50).
02 **CMPNT IN**	**This selects the 7.5% setup processing for the input component signal.** **0000 THRU :** The signal is recorded in its original form. **0001 CUT :** The signal is recorded with the 7.5% setup removed.
03 **CMPNT OUT**	**This selects the 7.5% setup processing for the output composite, component and serial (digital) signal.** **0000 THRU :** The signal is output in its original form. **0001 CUT :** The signal is output with the 7.5% setup removed. **0002 ADD :** The signal is output with the 7.5% setup added.

The underlined items indicates the initial setting.

Setup menus (continued)

■USER menu <VIDEO>

No./Item	Description
660 UMID REC	**This selects whether or not to record the UMID information on the card.** 0000　OFF : 　UMID information is not recorded on the card. In addition, EE output signals are blanked. **0001**　**ON :** 　UMID information is recorded on the card. **Note:** If THRU has been selected as the setup menu item No. 106 (EE MODE SEL) setting, UMID information of the EE output signals will be blanked.
661 UMID GEN	**This selects the UMID information to be recorded on the card when ON has been selected as the setup menu item No. 660 (UMID REC) setting.** 0000　INT : 　Newly created UMID information of this unit is always recorded. **0001**　**EXT :** 　The UMID information of the input signals is recorded. 　Newly created UMID information of this unit is recorded if there is no UMID information on the input signals.
662 UMID POS	**This sets the line on which the UMID information is to be superimposed.** [525i system]　　　[625i system] 0000　**BLANK**　0000　**BLANK** 0001　　**12L**　0001　　**18L** 　:　　　:　　　:　　　: **0006**　　**17L**　**0010**　　**17L** 　:　　　:　　　:　　　: 0008　　19L　0015　　22L **Note:** The line selected for the setup menu item No. 501 (VITC POS-1) and No. 502 (VITC POS-2) settings cannot be selected for this item.

■USER menu <AUDIO>

No./Item	Description
701 CH1 IN LV	**This selects the audio input (CH1) reference level switching.** 0000　　4dB **0001**　　**0dB** 0002　−20dB
702 CH2 IN LV	**This selects the audio input (CH2) reference level switching.** 0000　　4dB **0001**　　**0dB** 0002　−20dB
703 CH3 IN LV	**This selects the audio input (CH3) reference level switching.** 0000　　4dB **0001**　　**0dB** 0002　−20dB
704 CH4 IN LV	**This selects the audio input (CH4) reference level switching.** 0000　　4dB **0001**　　**0dB** 0002　−20dB
706 CH1 OUT LV	**This selects the audio output (CH1) reference level switching.** 0000　　4dB **0001**　　**0dB** 0002　−20dB
707 CH2 OUT LV	**This selects the audio output (CH2) reference level switching.** 0000　　4dB **0001**　　**0dB** 0002　−20dB
708 CH3 OUT LV	**This selects the audio output (CH3) reference level switching.** 0000　　4dB **0001**　　**0dB** 0002　−20dB
709 CH4 OUT LV	**This selects the audio output (CH4) reference level switching.** 0000　　4dB **0001**　　**0dB** 0002　−20dB

The underlined items indicates the initial setting.

Setup menus (continued)

■ USER menu <AUDIO>

No./Item	Description	No./Item	Description
711 **MONIL OUT LV**	This selects the audio monitor output (Lch) reference level switching. 0000 4dB <u>0001</u> <u>0dB</u> 0002 −20dB	**719** **D IN SEL12**	This selects the CH1 and CH2 digital input when USER SET has been selected by pressing the memory card recorder's AUDIO INPUT SELECT button. <u>0000</u> <u>AES</u> : AES input 0001 SIF : SDI input
712 **MONIR OUT LV**	This selects the audio monitor output (Rch) reference level switching. 0000 4dB <u>0001</u> <u>0dB</u> 0002 −20dB	**720** **D IN SEL34**	This selects the CH3 and CH4 digital input when USER SET has been selected by pressing the memory card recorder's AUDIO INPUT SELECT button. <u>0000</u> <u>AES</u> : AES input 0001 SIF : SDI input

713
 	
MONI OUT
	This selects whether to link the volume level of the audio monitor output to the setting of the headphone volume control.
	
	0000 UNITY :
	    The sound is output at a fixed level regardless of the position of the volume control.
	<u>0001</u> <u>VAR</u> :
	    The volume level is linked to the setting of the volume control.
		727
		
		PB FADE
			This selects the processing method for the audio edit points (IN point, OUT point) during playback etc.
			
			<u>0000</u> <u>AUTO</u> :
			    The processing method accords with the status established during recording.
			0001 CUT : Forced CUT
			0002 FADE : Forced FADE

715 **CH1 IN SEL**	This selects the CH1 input when USER SET has been selected by pressing the memory card recorder's AUDIO INPUT SELECT button. <u>0000</u> <u>ANA</u> : Analog input. 0001 DIGI : Digital input.	**728** **EMBEDDED AUD**	This selects whether to superimpose the audio data onto the SDI output. 0000 OFF : Data is not superimposed. <u>0001</u> <u>ON</u> : Data is superimposed.
716 **CH2 IN SEL**	This selects the CH2 input when USER SET has been selected by pressing the memory card recorder's AUDIO INPUT SELECT button. <u>0000</u> <u>ANA</u> : Analog input. 0001 DIGI : Digital input.	**734** **MONI SEL INH**	This selects whether the operation of the MONITOR SELECT button on the front panel is to be enabled or disabled. <u>0000</u> <u>OFF</u> : Operation is enabled. 0001 ON : Operation is disabled. 0002 ON1 : Operation is disabled in the FULL display mode and enabled only in the FINE display mode.

717
 	
CH3 IN SEL
	This selects the CH3 input when USER SET has been selected by pressing the memory card recorder's AUDIO INPUT SELECT button.
	
	<u>0000</u> <u>ANA</u> : Analog input.
	0001 DIGI : Digital input.
		754
		
		AMIX SEL INH
			This selects the input audio channel switching mode using the REC CH1/CH3 and REC CH2/CH4 buttons.
			
			<u>0000</u> <u>OFF</u> :
			    The audio input channels can be switched using the REC CH buttons.
			0001 ON :
			    Switching of the audio input channels using the REC CH buttons is prohibited.
			0002 REC :
			    After the unit's operation has been transferred to recording, switching of the audio input channels using the REC CH buttons is prohibited.

718 **CH4 IN SEL**	This selects the CH4 input when USER SET has been selected by pressing the memory card recorder's AUDIO INPUT SELECT button. <u>0000</u> <u>ANA</u> : Analog input. 0001 DIGI : Digital input.		

The underlined items indicates the initial setting.

Setup menus (continued)

No./Item	Description

755
 	
25M REC CH
	Used to select the number of AUDIO channels for DVCPRO (25 Mbps) or DV (25 Mbps) recording.
	
	<u>0000</u> <u>2CH</u>:
	    Records on two channels.
	0001 4CH :
	    Records on four channels.
	Note:
	Four-channel recording is always used with DVCPRO50 (50 Mbps).

800
 	
ADD LINE 25
	This selects the mode for recording signals on additional lines.
	
	0000 OFF :
	    No signals are recorded on additional lines.
	0001 YC422 :
	    The 422 mode signals are recorded on 1 line.
	<u>0002 YC411</u> :
	    The 411 mode signals are recorded on 1 line.
	0003 Y1_B/W :
	    Only the Y signal is recorded on 1 line directly.
	0004 Y1_BPF :
	    Only the Y signal is recorded on 1 line after it has been separated from the C signal.
	0005 C1 :
	    Only the C signal is recorded on 1 line.
	0006 Y2_B/W :
	    Only the Y signal is recorded on 2 lines directly.
	0007 Y2_BPF :
	    Only the Y signal is recorded on 2 lines after it has been separated from the C signal.
	0008 C2 :
	    Only the C signal is recorded on 2 lines.
	Notes:
	•When a setting from "0001 (YC422)" to "0008 (C2)" is selected and the STOP button is pressed, operation transfers to the sub-screen, and the recording line or lines can be selected.
	To return from the sub-screen, press the STOP button again.
	•The setting takes effect when the system format is 25 Mbps.

No./Item	Description
Sub-screen	

00
 	
REC LINE1
	This selects the additional line where the signals are to be recorded.
	
	[525i system] [625i system]
	0000 10L 0000 7L
	    : : : :
	0002 12L 0002 9L
	    : : : :
	0012 22L 0015 22L
	0013 263L 0016 320L
	0014 273L : :
	    : : **0031 335L**
	    : : **<u>0032 623L</u>**
	<u>0026 525L</u>

01
 	
REC LINE2
	This selects the additional line where the signals are to be recorded.
	
	[525i system] [625i system]
	0000 10L 0000 7L
	    : : : :
	0012 22L 0015 22L
	0013 263L 0016 320L
	0014 273L : :
	    : : **<u>0018 322L</u>**
	<u>0016 275L</u> : :
	    : : **0031 335L**
	0025 284L 0032 623L
	0026 525L
	Note:
	This menu option is not displayed when additional line mode setting "1" through "5" has been selected.

The underlined items indicates the initial setting.

Setup menus (continued)

■USER menu <V BLANK>

No./Item	Description
801 **ADD LINE 50**	**This selects the mode for recording signals on additional lines.** **0000 OFF :** No signals are recorded on additional lines. **<u>0001 YC422</u> :** The 422 mode signals are recorded on 2 lines. **0002 Y4_B/W :** Only the Y signal is recorded on 4 lines directly. **0003 Y4_BPF :** Only the Y signal is recorded on 4 lines after it has been separated from the C signal. **0004 C4 :** Only the C signal is recorded on 4 lines. **Notes:** •When a setting from "0001 (YC422)" to "0004 (C4)" is selected and the STOP button is pressed, operation transfers to the sub-screen, and the recording lines can be selected. To return from the sub-screen, press the STOP button again. •The setting takes effect when the system format is 50 Mbps.
Sub-screen	
00 **REC LINE1**	**This selects the additional line where the signals are to be recorded.** [525i system] [625i system] **0000 10L** **0000 7L** : : : : **0002 12L** **0002 9L** : : : : **0012 22L** **0015 22L** **0013 263L** **0016 320L** **0014 273L** : : : : **0031 335L** **0025 284L** **<u>0032 623L</u>** **<u>0026 525L</u>**
01 **REC LINE2**	**This selects the additional line where the signals are to be recorded.** [525i system] [625i system] **0000 10L** **0000 7L** : : : : **0012 22L** **0015 22L** **0013 263L** **0016 320L** **0014 273L** : : : : **<u>0018 322L</u>** **<u>0016 275L</u>** : : : : **0031 335L** **0025 284L** **0032 623L** **0026 525L**

No./Item	Description
02 **REC LINE3**	**This selects the additional line where the signals are to be recorded.** [525i system] [625i system] **0000 10L** **0000 7L** : : : : **<u>0003 13L</u>** **<u>0003 10L</u>** : : : : **0012 22L** **0015 22L** **0013 263L** **0016 320L** : : : : **0025 284L** **0032 623L** **0026 525L** **Note:** This menu option is not displayed when setting "1" has been selected as the additional line mode.
03 **REC LINE4**	**This selects the additional line where the signals are to be recorded.** [525i system] [625i system] **0000 10L** **0000 7L** : : : : **0012 22L** **0015 22L** **0013 263L** : : : : **<u>0019 323L</u>** **<u>0017 276L</u>** : : : : **0031 335L** **0025 284L** **0032 623L** **0026 525L** **Note:** This menu option is not displayed when setting "1" has been selected as the additional line mode.
802 **TELETEXT SEL** (For AJ-SPD850P)	**This selects the type of teletext signals to be recorded.** **0000 MOJI :** MOJI system **<u>0001 NABTS</u> :** NABTS system **Notes:** •This menu option is not displayed in the 625i system. •VITC signals are often mistakenly detected as teletext signals when the NABTS system has been selected. If this happens, select MANU as the setting for setup menu No. 803 (TELETEXT DET), then select the line for teletext signals.

The underlined items indicates the initial setting.

Setup menus (continued)

■USER menu <V BLANK>

No./Item	Description

803
 	
TELETEXT DET
	This selects the method used to detect the lines in which the teletext signals are to be recorded.
	
	0000 OFF :
	    The teletext signals are not recorded.
	0001 AUTO :
	    The teletext signals are automatically detected and recorded.
	0002 MANU :
	    The lines in which the teletext signals are to be recorded are selected and set.
	Notes:
	•The number of lines in which the teletext signals can be recorded depends on the number of recording lines which was entered as the setup menu No. 800 (ADD LINE 25) or No. 801 (ADD LINE 50) setting. [See "Number of lines which can be set for TELETEXT."]
	•When setting "MANU" is selected and the STOP button is pressed, operation transfers to the sub-screen, and the number of recording lines can be selected.
	To return from the sub-screen, press the STOP button again.
	•When the input signal is a non-standard signal or N-STD has been selected for the setup menu No. 303 (STD/NON-STD) setting, teletext signals will not be played back correctly in EE mode.

Sub-screen	

[525i system]
00
REC LINE1
  :
12
REC LINE13
 	
[625i system]
00
REC LINE1
  :
14
REC LINE15
	This selects the lines in which the teletext signals are to be recorded.
	
	[525i system] [625i system]
	0000 OFF **0000 OFF**
	0001 10&273 0001 7&320
	0002 11&274 0002 8&321
	0003 12&275 0003 9&322
	0004 13&276 0004 10&323
	0005 14&277 0005 11&324
	0006 15&278 0006 12&325
	0007 16&279 0007 13&326
	0008 17&280 0008 14&327
	0009 18&281 0009 15&328
	0010 19&282 0010 16&329
	0011 20&283 0011 17&330
	0012 21&284 0012 18&331
	0013 22 0013 19&332
	              0014 20&333
	              0015 21&334
	              0016 22

No./Item	Description

804
 	
BLANK LINE
	This turns the blanking ON or OFF in the vertical blanking period of the video output signals.
	
	0000 BLANK :
	    Blanking is effected forcibly for all lines.
	0001 THRU :
	    No blanking is effected for any of the lines.
	0002 MANU :
	    Blanking ON or OFF is selected for each line.
	Note:
	When setting "MANU" is selected and the STOP button is pressed, operation transfers to the subscreen, and ON or OFF can be selected for each line. To return from the sub-screen, press the STOP button again.

Sub-screen	

[525i system]
00
LINE 10&273
  :
11
LINE 21&284
 	
[625i system]
00
LINE 7&320
  :
15
LINE 22&335
	0000 BLANK :
	    Blanking is forcibly effected.
	0001 THRU : No blanking is effected.

The underlined items indicates the initial setting.

Setup menus (continued)

■USER menu <V BLANK>
Number of lines which can be set for TELETEXT

• When 25 Mbps is the recording/playback format.

No. 800: ADD LINE 25 setting value	Number of lines which can be set			
	[525i system]		[625i system]	
	660: UMID REC setting value		660: UMID REC setting value	
	OFF	ON	OFF	ON
OFF	13	10	14	12
YC422	5	4	7	5
YC411	8	5	10	8
Y1_B/W	13	10	14	12
Y1_BPF				
C1				
Y2_B/W	5	4	7	5
Y2_BPF				
C2				

• When 50 Mbps is the recording/playback format.

No. 801: ADD LINE 50 setting value	Number of lines which can be set			
	[525i system]		[625i system]	
	660: UMID REC setting value		660: UMID REC setting value	
	OFF	ON	OFF	ON
OFF	10	9	15	12
YC422				
Y4_B/W				
Y4_BPF				
C4				

No./Item	Description
900 **LCD PROTECT**	**Sets LCD protect mode.** **0000** **OFF :** LCD protect mode is off. **0001** **ON :** LCD protect mode is on. **Notes:** • If no operations are performed on the front panel, or if the video is not updated for some length of time, LCD output is turned off after approximately five minutes. • To turn off LCD protect mode, operate a button or dial on the front panel, or start playback through the controller. Note that the operation performed to turn off LCD protect mode will be executed.

901
 	
BL BRIGHT
	This sets the brightness of the LCD's backlight.
	
	0000 **NORMAL:**
	    The backlight lights at the normal brightness level.
	0001 **HIGH:**
	    The backlight lights brightly.

902
 	
GUI OUTPUT
	This sets whether to output the GUI screen display to the ANALOG COMPONENT VIDEO OUT, ANALOG COMPOSITE VIDEO OUT and SERIAL DIGITAL COMPONENT VIDEO OUT connectors.
	
	0000 **OFF:**
	    The screen display is not output.
	0001 **ON:**
	    The screen display is output.

903
 	
P.ON GUI
	This sets whether to display the thumbnail screen when the power is turned on.
	
	0000 **OFF:**
	    The thumbnail screen is not displayed.
	0001 **THUMB:**
	    The thumbnail screen is displayed.

The underlined items indicates the initial setting.

Setup menus (continued)

■USER menu <MENU>

No./Item	Description

A00
 	
LOAD
	This selects the user file whose contents will be loaded into USER1.
	
	0000 __USER2 :__
	  The USER2 file contents are loaded.
	0001 USER3 :
	  The USER3 file contents are loaded.
	0002 USER4 :
	  The USER4 file contents are loaded.
	0003 USER5 :
	  The USER5 file contents are loaded.
	Note:
	When the SET button is pressed after loading, the setting will be stored in the memory. When the MENU button is pressed, the setting will not be changed.

A01
 	
SAVE
	This selects the user file into which the USER1 settings will be saved.
	
	0000 __USER2 :__
	  The settings are saved in USER2.
	0001 **USER3 :**
	  The settings are saved in USER3.
	0002 **USER4 :**
	  The settings are saved in USER4.
	0003 **USER5 :**
	  The settings are saved in USER5.
	0004 LOCKED :
	  This display appears when all the user files are in the change prohibit status.
	Notes:
	•User files whose status have been set to change prohibit cannot be selected.
	•When all the user files are in the change prohibit status, the "LOCKED" display appears and the contents cannot be saved.

No./Item	Description

A02
 	
P. ON LOAD
	This loads the contents of the selected user file into USER1 and it starts operation with the USER1 settings when the power is turned on.
	
	0000 __OFF :__
	  Operation is started with the settings of the previously set user file.
	0001 USER2 :
	  The contents of USER2 are loaded into USER1 and operation is started with the USER1 settings.
	0002 USER3 :
	  The contents of USER3 are loaded into USER1 and operation is started with the USER1 settings.
	0003 USER4 :
	  The contents of USER4 are loaded into USER1 and operation is started with the USER1 settings.
	0004 USER5 :
	  The contents of USER5 are loaded into USER1 and operation is started with the USER1 settings.

A03
 	
MENU LOCK
	This selects whether to set or release the user file (USER2-USER5) lock mode.
	
	0000 __OFF :__ The lock is released
	  (changes can be made).
	0001 **ON :** The lock is set
	  (changes are prohibited).
	Note:
	The lock cannot be set for USER1.

Notes:
•No. A00 (LOAD), No. A01 (SAVE) and No. A02 (P. ON LOAD) are the menu items which can be set only for USER1.
  They are not displayed with the USER2-USER5 files.
•No. A03 (MENU LOCK) is the menu item which can be set only for the USER2-USER5 files.
  It is not displayed with USER1.

The underlined items indicates the initial setting.