

Panasonic Broadcast

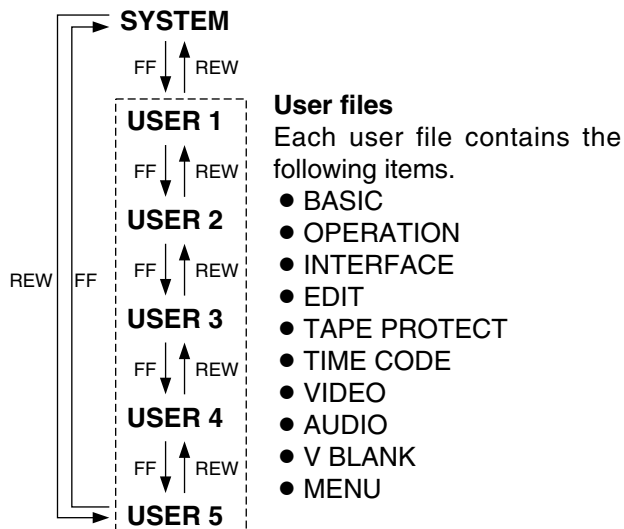
AJ-SD965 ***Menu Information***

Setup menus

This VTR 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** (SHIFT+RECORDER).
- 2 When the FF button is pressed while holding down the SHIFT button, the next user file is selected; conversely, when the REW button is pressed while holding down the SHIFT button, the previous user file is selected.



- 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. 30 (MENU LOCK) and for the user files by using setup menu No. A03 (MENU LOCK).

- 1 Press the **MENU** (SHIFT+RECORDER).
- 2 Press the REW button or FF button while holding down the SHIFT button to select the file for which the lock mode is to be set or released.
- 3 Turn the search dial to move the cursor (*) on the menu screen to No. 30 (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 lit.

```
SETUP-MENU   LOCKED
<USER2>     NO.000-0005
*000 P-ROLL TIME   5s
001 LOCAL ENA     ST&EJ
002 TAPE TIMER    ±12h
003 REMAIN SEL    OFF
004 SETUP NUMBER  OFF
005 METER SELECT  CUE
006 SYNCHRONIZE  ON
007 SUPER        ON
008 DISPLAY SEL  T&STA
```

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

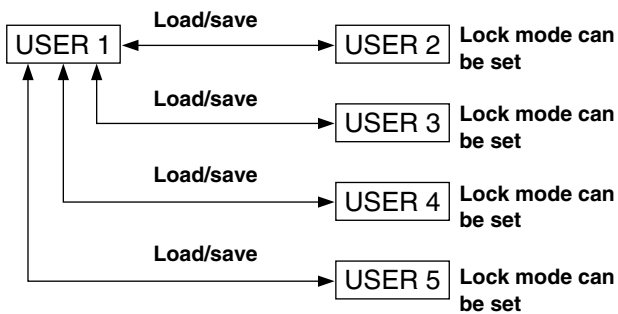
<Notes>

- 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.



1 Press the **MENU** (SHIFT+RECORDER).

2 Press the REW button or FF button while holding down the SHIFT button to select the 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
    804 BLANK LINE BLANK
    *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.

Setup menus (continued)

Saving user files

- 1 Press the **MENU** (SHIFT+RECORDER).
- 2 Press the REW button or FF button while holding down the SHIFT button to select the 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  
804 BLANK LINE BLANK  
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 01 ) 02
```

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																		
00 WFM SEL	<p>This selects the signal to output from the VIDEO OUT 2 connector.</p> <p>0000 CTL: The CTL signal is output. 0001 TC: The TIME CODE signal is output. 0002 VIDEO: The VIDEO OUT signal is output. 0003 RF_L: The PB L RF signal is output. 0004 RF_R: The PB R RF signal is output. 0005 ENV_L: The PB L ENV signal is output. 0006 ENV_R: The PB R ENV signal is output.</p> <p><Notes></p> <ul style="list-style-type: none"> The settings can be changed at any time regardless of the setup menu item No. 40 (MENU LOCK) setting. During normal playback, the output signals have levels which are virtually identical to the values given below under a 75Ω termination. CTL: 0.1 to 0.3 Vp-p TC: 0.6 Vp-p VIDEO: 1.0 Vp-p 																		
11 SYS SC COAR.	<p>Coarse adjustment of system phase: 90° units</p> <table> <tr><td>0000</td><td>0</td><td></td></tr> <tr><td>0001</td><td>90</td><td><Note></td></tr> <tr><td>0002</td><td>180</td><td>If setting operation is</td></tr> <tr><td>0003</td><td>270</td><td>performed, the setting value</td></tr> <tr><td></td><td></td><td>does not return to factory</td></tr> <tr><td></td><td></td><td>(default) setting.</td></tr> </table>	0000	0		0001	90	<Note>	0002	180	If setting operation is	0003	270	performed, the setting value			does not return to factory			(default) setting.
0000	0																		
0001	90	<Note>																	
0002	180	If setting operation is																	
0003	270	performed, the setting value																	
		does not return to factory																	
		(default) setting.																	
12 SYS SC FINE	<p>Fine adjustment of system phase: Variable range ±45° or more --: Advanced, +: Delayed</p> <table> <tr><td>0000</td><td>-128</td><td><Note></td></tr> <tr><td>:</td><td>:</td><td>If setting operation is</td></tr> <tr><td>0128</td><td>0</td><td>performed, the setting value</td></tr> <tr><td>:</td><td>:</td><td>does not return to factory</td></tr> <tr><td>0255</td><td>127</td><td>(default) setting.</td></tr> </table>	0000	-128	<Note>	:	:	If setting operation is	0128	0	performed, the setting value	:	:	does not return to factory	0255	127	(default) setting.			
0000	-128	<Note>																	
:	:	If setting operation is																	
0128	0	performed, the setting value																	
:	:	does not return to factory																	
0255	127	(default) setting.																	
13 SYS H	<p>System phase adjustment: 74 ns steps --: Advanced, +: Delayed</p> <table> <tr><td>0000</td><td>-128</td><td><Note></td></tr> <tr><td>:</td><td>:</td><td>If setting operation is</td></tr> <tr><td>0108</td><td>0</td><td>performed, the setting value</td></tr> <tr><td>:</td><td>:</td><td>does not return to factory</td></tr> <tr><td>0216</td><td>127</td><td>(default) setting.</td></tr> </table>	0000	-128	<Note>	:	:	If setting operation is	0108	0	performed, the setting value	:	:	does not return to factory	0216	127	(default) setting.			
0000	-128	<Note>																	
:	:	If setting operation is																	
0108	0	performed, the setting value																	
:	:	does not return to factory																	
0216	127	(default) setting.																	

No./Item	Description										
14 SCH COARSE	<p>SCH phase adjustment: 90° units (The SC phase changes but the H phase does not change.) --: Advanced, +: Delayed</p> <table> <tr><td>0000</td><td>0</td></tr> <tr><td>0001</td><td>90</td></tr> <tr><td>0002</td><td>180</td></tr> <tr><td>0003</td><td>270</td></tr> </table>	0000	0	0001	90	0002	180	0003	270		
0000	0										
0001	90										
0002	180										
0003	270										
15 SCH FINE	<p>SCH phase adjustment: Total variable range: ±45° or more (The SC phase changes but the H phase does not change.) --: Advanced, +: Delayed</p> <table> <tr><td>0000</td><td>-32</td></tr> <tr><td>:</td><td>:</td></tr> <tr><td>0032</td><td>0</td></tr> <tr><td>:</td><td>:</td></tr> <tr><td>0064</td><td>32</td></tr> </table>	0000	-32	:	:	0032	0	:	:	0064	32
0000	-32										
:	:										
0032	0										
:	:										
0064	32										
16 AV PHASE	<p>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.</p> <table> <tr><td>0000</td><td>-128</td></tr> <tr><td>:</td><td>:</td></tr> <tr><td>0128</td><td>0</td></tr> <tr><td>:</td><td>:</td></tr> <tr><td>0255</td><td>127</td></tr> </table>	0000	-128	:	:	0128	0	:	:	0255	127
0000	-128										
:	:										
0128	0										
:	:										
0255	127										

The underlined items indicates the initial setting.

Setup menus (continued)

SYSTEM menu

No./Item	Description														
18	System phase adjustment.														
SYS H OFFSET	<table border="0"> <tr><td><u>0000</u></td><td>-3 : -13.4 μsec</td></tr> <tr><td>0001</td><td>-2 : -8.96 μsec</td></tr> <tr><td>0002</td><td>-1 : -4.52 μsec</td></tr> <tr><td><u>0003</u></td><td>0 : 0 sec</td></tr> <tr><td>0004</td><td>1 : +4.52 μsec</td></tr> <tr><td>0005</td><td>2 : +8.96 μsec</td></tr> <tr><td>0006</td><td>3 : +13.4 μsec</td></tr> </table> <p><Note> Factory settings will remain unchanged even if an attempt is</p>	<u>0000</u>	-3 : -13.4 μsec	0001	-2 : -8.96 μsec	0002	-1 : -4.52 μsec	<u>0003</u>	0 : 0 sec	0004	1 : +4.52 μsec	0005	2 : +8.96 μsec	0006	3 : +13.4 μsec
<u>0000</u>	-3 : -13.4 μsec														
0001	-2 : -8.96 μsec														
0002	-1 : -4.52 μsec														
<u>0003</u>	0 : 0 sec														
0004	1 : +4.52 μsec														
0005	2 : +8.96 μsec														
0006	3 : +13.4 μsec														
19	This sets whether the system phase is to be adjusted by the unit or from the external encoder remote controller.														
SYS SC/H	<p><u>0000</u> REMOTE : The system phase is adjusted from the external encoder remote controller.</p> <p>0001 LOCAL : The system phase is adjusted by the unit.</p> <p><Note> The setting of this menu item has no effect when the ENC CONTROL switch is at the LOCAL setting.</p>														

The underlined items indicates the initial setting.

No./Item	Description										
30	This adjusts the brightness of the LCD monitor on the front panel.										
BRIGHT	<table border="0"> <tr><td>0000</td><td>-7</td></tr> <tr><td>:</td><td>:</td></tr> <tr><td><u>0007</u></td><td><u>0</u></td></tr> <tr><td>:</td><td>:</td></tr> <tr><td>0014</td><td>7</td></tr> </table> <p><Note> If setting operation is performed, the setting value does not return to factory (default) setting.</p>	0000	-7	:	:	<u>0007</u>	<u>0</u>	:	:	0014	7
0000	-7										
:	:										
<u>0007</u>	<u>0</u>										
:	:										
0014	7										
31	This adjusts the contrast of the LCD monitor on the front panel.										
CONTRAST	<table border="0"> <tr><td>0000</td><td>-7</td></tr> <tr><td>:</td><td>:</td></tr> <tr><td><u>0007</u></td><td><u>0</u></td></tr> <tr><td>:</td><td>:</td></tr> <tr><td>0014</td><td>7</td></tr> </table> <p><Note> If setting operation is performed, the setting value does not return to factory (default) setting.</p>	0000	-7	:	:	<u>0007</u>	<u>0</u>	:	:	0014	7
0000	-7										
:	:										
<u>0007</u>	<u>0</u>										
:	:										
0014	7										
40	This selects whether the system file lock mode is to be engaged or released.										
MENU LOCK	<table border="0"> <tr><td><u>0000</u></td><td>OFF : The lock is released (file data can be changed).</td></tr> <tr><td>0001</td><td>ON : The lock is engaged (file data cannot be changed).</td></tr> </table> <p><Note> Setup menu No. 00 (WFM SEL) can be changed at any time regardless of the setting selected for this menu item.</p>	<u>0000</u>	OFF : The lock is released (file data can be changed).	0001	ON : The lock is engaged (file data cannot be changed).						
<u>0000</u>	OFF : The lock is released (file data can be changed).										
0001	ON : The lock is engaged (file data cannot be changed).										

Video output signal adjustments

The video output signals are adjusted using combinations of the ENC CONTROL switch position and SYSTEM menu item No.19 (SYS SC/H) setting.

These adjustments can be used for analog component, analog composite and SDI signal output.

A control matrix of the adjustments is shown below.

Setting		Item adjusted	
ENC CONTROL switch position	SYSTEM menu item 19: SYS SC/H	SYSTEM menu item 11: SYS SC COAR. 12: SYS SC FINE 13: SYS H	Bottom of front panel VIDEO LEVEL CHROMA LEVEL SET UP/BLC HUE/CHROMA PH
LOCAL	LOCAL	Unit	Unit
	REMOTE		
REMOTE	LOCAL	Unit	External encoder remote controller
	REMOTE	External encoder remote controller	

Setup menus (continued)

USER menu <BASIC>

No./Item	Description
000 P-ROLL TIME	<p>This sets the preroll time. The preroll time can be set from 0 to 15 seconds in 1-second increments.</p> <p><u>0000</u> 0s <Note> : : : When the automatic editing <u>0005</u> 5s : : mode [PREVIEW, AUTO : : : EDIT] is set, the unit will not 0015 15s operate if the preroll time is set to 0 seconds.</p>
001 LOCAL ENA	<p>This selects the buttons on the front panel which can be operated when the REMOTE button is set to the remote mode (REMOTE lamp ON).</p> <p>0000 DIS : No buttons can be operated. <u>0001</u> ST&EJ : Only the STOP and EJECT buttons can be operated. 0002 ENA : All buttons except for the RECORDER and PLAYER buttons can be operated.</p>
002 TAPE TIMER	<p>This selects the 12 or 24 hour display for the CTL counter.</p> <p><u>0000</u> ±12h : 12 hour display 0001 24h : 24 hour display</p>
003 REMAIN SEL	<p>This selects whether the remaining tape time and total tape length are to be displayed in the superimposed display of the VIDEO OUT 3/SDI OUT 3 connector signals.</p> <p>0000 OFF : No display. <u>0001</u> 2L : The remaining tape time is displayed on the second line. 0002 1L : The remaining tape time is displayed on the first line. 0003 R/TTL : The remaining tape time is displayed on the first line, and the total tape length is displayed in the second line.</p> <p><Notes> ● When "2L" is selected, the remaining tape 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 tape length is not displayed if "TIME" has been selected as the setup menu item No.008 (DISPLAY SEL) setting.</p>

No./Item	Description
006 SYNCHRONIZE	<p>This selects whether or not to synchronize between two VTRs.</p> <p>0000 OFF : No synchronization. The editing points deviate several frames, but editing can be started quickly. <u>0001</u> ON : Synchronization. Allows for error-free editing.</p>
008 DISPLAY SEL	<p>This selects what information is to be provided by the time code and other super displays output to the VIDEO OUT 3/SDI OUT 3 connector.</p> <p>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 in the VAUX area are displayed.</p> <p><Notes> ● Mode display: DVCPRO 50 (50 Mbps) = DVCPRO_50, DVCPRO (25 Mbps) = DVCPRO, DV = DV, DVCAM = DVCAM ● An error message appears if a warning or error has occurred when "T&S&M" has been selected as this setting. ● REC TIME and REC DATE are displayed during DV/DVCAM, playback only. With the DVCPRO50 (50 Mbps) or DVCPRO (25 Mbps) format, the operating mode is displayed.</p>

The underlined items indicates the initial setting.

Setup menus (continued)

USER menu <BASIC>

No./Item	Description
009 CHARA H-POS	<p>This sets the position of the characters on the horizontal plane for the time code and other super displays output to the VIDEO OUT 3/SDI OUT 3 connector.</p> <p>0000 0 : : <u>0004</u> 4 : : 0016 16</p>
010 CHARA V-POS	<p>This sets the position of the characters on the vertical plane for the time code and other super displays output to the VIDEO OUT 3/SDI OUT 3 connector.</p> <p>[625i system] [525i system] 0000 0 0000 0 : : : : <u>0023</u> 23 <u>0018</u> 18 : : : : 0028 28 0022 22</p> <p><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.</p>
011 CHARA TYPE	<p>This selects the display type for the super display output to the VIDEO OUT 3/SDI OUT 3 connector as well as for displays such as the setting menu, etc.</p> <p>0000 <u>WHITE</u>: White characters against a black background. 0001 <u>W/OUT</u>: White characters with a black border.</p>
012 SYS FORMAT	<p>This sets the VTR's recording and playback format.</p> <p>0000 <u>50M</u>: DVCPRO50 (50 Mbps) is selected. 0001 <u>25M</u>: DVCPRO (25 Mbps) is selected.</p> <p><Note> The format complies with the setting of this menu item when the tape is ejected.</p>

No./Item	Description
013 PB FORMAT	<p>This sets the format in which the tape is to be played back.</p> <p>0000 <u>MANUAL</u>: The format complies with the setting of setup menu No. 012 (SYS FORMAT) when a DVCPRO cassette is inserted. The format complies to the format recorded on the tape when a DV or DVCAM cassette is inserted. 0001 <u>AUTO</u>: The format complies with the format recorded on the tape.</p> <p><Notes> ● When an editing mode has been selected, the "MANUAL" setting is forcibly established for internal operations. ● When AUTO has been selected, the picture and sound may be disturbed until the format is detected after a tape is loaded.</p>
015 MONI CONTROL	<p>This sets whether the recorder is to be forcibly set to the EE mode and the player's playback signals are to be output to the monitor by pressing the recorder's PLAYER button when a monitor has been connected only to the recorder during deck-to-deck editing.</p> <p>0000 <u>MANU</u>: The recorder is not forcibly set to the EE mode. 0001 <u>AUTO</u>: The recorder is forcibly set to the EE mode, and the player's playback signals are output.</p>
017 CHARA SIZE	<p>This selects the size of the characters for the superimposed display output from the VIDEO OUT 3 or SDI OUT 3 connector.</p> <p>0000 <u>NORMAL</u>: Standard size 0001 <u>LARGE</u>: 4 times larger than the standard size</p> <p><Note> When LARGE has been selected, only time data is displayed, regardless of the setup menu No.008 (DISPLAY SEL) setting.</p>
070 TV SYSTEM	<p>This selects the TV system.</p> <p>0000 <u>525</u>: The 525 interlace/59.94 Hz system is selected. 0001 <u>625</u>: The 625 interlace/50 Hz system is selected.</p> <p><Note> After this setting is changed, turn off and back on the power again to take it effect.</p>

The underlined items indicates the initial setting.

Setup menus (continued)

USER menu <OPERATION>

No./Item	Description
100 SEARCH ENA	<p>This selects the direct search dial operation.</p> <p><u>0000</u> DIAL : For direct search dial operations. <u>0001</u> KEY : Operation is not transferred to the search mode unless the search button is pressed.</p>
101 SHTL MAX	<p>This sets the maximum speed for shuttle operations.</p> <p><u>0000</u> ×8.4 : 8.4× normal speed <u>0001</u> ×16 : 16× normal speed <u>0002</u> ×32 : 32× normal speed</p>
102 FF. REW MAX	<p>This sets the maximum speed for FF and REW operations.</p> <p><u>0000</u> ×16 : 16 (32)× normal speed <u>0001</u> ×32 : 32 (60)× normal speed <u>0002</u> ×50 : 50 (100)× normal speed</p> <p><Notes></p> <ul style="list-style-type: none"> • The speeds given in the parentheses apply in the DVCPRO (25 Mbps), DV and DVCAM mode. • With mini DV or mini DVCAM cassette, the maximum speed is set to 32× regardless of this item's settings.
104 REF ALARM	<p>This selects whether to warn the operator when the REF. VIDEO signal has not been connected.</p> <p><u>0000</u> OFF : Warning is not given. <u>0001</u> ON : Warning is given by the flashing STOP lamp.</p> <p><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.</p>

No./Item	Description
105 AUTO EE SEL	<p>This selects the VTR mode in which the EE status is established when the MODE switch is set to EE.</p> <p><u>0000</u> S/F/R : EE status is established in STOP, FF, REW and EJECT modes. <u>0001</u> STOP : EE status is established in STOP and EJECT modes. <u>0002</u> BLACK : EE status is established in STOP and EJECT modes. However, if the MODE switch is set to TAPE, the picture becomes black and the sound is muted when the tape is ejected. <u>0003</u> BLACK1 : EE status is established in STOP, FF, REW and EJECT modes. However, if the MODE switch is set to TAPE, the picture becomes black and the sound is muted when the tape is ejected. <u>0004</u> GRAY : EE status is established in STOP and EJECT modes. However, if the MODE switch is set to TAPE, the picture becomes gray and the sound is muted when the tape is ejected. <u>0005</u> GRAY1 : EE status is established in STOP, FF, REW and EJECT modes. However, if the MODE switch is set to TAPE, the picture becomes gray and the sound is muted when the tape is ejected.</p>
106 EE MODE SEL	<p>This selects the EE mode output signals.</p> <p><u>0000</u> NORMAL : Signals are output with a delay equivalent to the length of internal signal processing. <u>0001</u> THRU : Signals are output directly, without internal processing, and so are output with no delay.</p> <p><Note> When the unit is in edit mode and 1394 or SG has been selected for the input signals by the INPUT SELECT button, internal operations are forcibly set to NORMAL.</p>
107 PLAY DELAY	<p>This set the play delay time in frame increments.</p> <p><u>0000</u> <u>0</u> : : 0015 15</p>
108 CAP. LOCK	<p>This selects the CAPSTAN LOCK mode.</p> <p>[625i system] <u>0000</u> <u>2F</u> : 2F mode <u>0001</u> <u>4F</u> : 4F mode <u>0002</u> <u>8F</u> : 8F mode</p> <p>[525i system] <u>0000</u> <u>2F</u> : 2F mode <u>0001</u> <u>4F</u> : 4F mode</p>

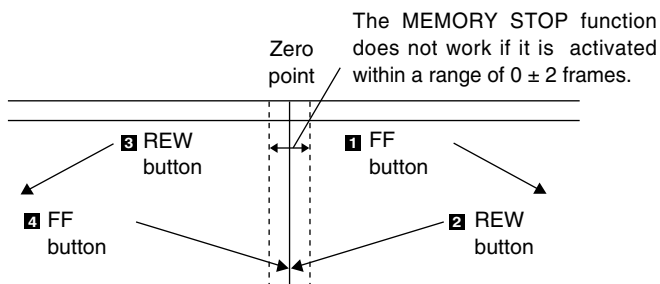
The underlined items indicates the initial setting.

Setup menus (continued)

USER menu <OPERATION>

No./Item	Description
109 AUTO REW	<p>This selects whether to rewind the tape automatically to the tape start when the tape end is detected.</p> <p><u>0000</u> OFF : The tape stops at the tape end. 0001 ON : The tape is rewound to the tape start.</p>
110 MEMORY STOP	<p>This selects whether the VTR is to stop automatically when the counter value reaches "0" during a fast forwarding or rewinding operation in the CTL mode.</p> <p><u>0000</u> OFF : The VTR does not stop. 0001 ON : The VTR stops automatically.</p> <p><Notes></p> <ul style="list-style-type: none"> • The stop mode concerned is either the stop or the still-picture (SHTL STILL or SLOW STILL) mode depending on the setup menu No. 315 (AFTER CUE-UP) setting. • When both the AUTO REW function and MEMORY function have been selected at the same time, the AUTO REW function takes precedence.

Memory stop function



- 1 When the FF button is pressed, the VTR performs the regular fast forward operation since the zero point is not located in the direction of operation.
- 2 When the REW button is pressed, the PREROLL lamp lights (the SHTL lamp lights as well), the VTR proceeds with the preroll operation, and it automatically stops when it reaches the position where the counter reads "0."
- 3 When the REW button is pressed, the VTR performs the regular rewinding operation since the zero point is not located in the direction of operation.
- 4 When the FF button is pressed, the PREROLL lamp lights (the SHTL lamp lights as well), the VTR proceeds with the preroll operation, and it automatically stops when it reaches the position where the counter reads "0."

No./Item	Description
111 FRZ MODE SEL	<p>This selects the output picture in the STANDBY OFF (HALF LOADING) and EJECT modes.</p> <p><u>0000</u> DIS : The video output is muted. 0001 STB OFF : When the STANDBY OFF (HALF LOADING) mode is established, the picture being played back at the time is frozen and output. 0002 SOF&EJ : When the STANDBY OFF (HALF LOADING) or EJECT mode is established, the picture being played back at the time is frozen and output.</p> <p><Notes></p> <ul style="list-style-type: none"> • Freeze status complies with the setup menu item No. 605 (FREEZE SEL) setting. • In the EJECT mode, freeze is output only when BLACK, BLACK1, GRAY or GRAY1 is selected as the setup menu item No. 105 (AUTO EE SEL) setting.
112 V IN SEL INH	<p>This selects whether video input switching using the INPUT SELECT button is to be enabled or disabled.</p> <p><u>0000</u> 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 unit has been transferred to a recording (but not editing) mode is disabled.</p>
113 A IN SEL INH	<p>This selects whether audio input switching using the INPUT SELECT button is to be enabled or disabled.</p> <p><u>0000</u> 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 unit has been transferred to a recording (but not editing) mode is disabled.</p> <p><Note></p> <p>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).</p>

The underlined items indicates the initial setting.

Setup menus (continued)

USER menu <OPERATION>

No./Item	Description
114 REC INH LAMP	<p>This selects whether to cause the REC INH lamp to flash or light up when the cassette has been set to the accidental erasure prevention status.</p> <p><u>0000</u> <u>LIGHT</u> : The lamp lights up. 0001 FLASH : The lamp flashes.</p> <p><Note> When the REC INH switch is set to ON, the REC INH lamp always lights regardless of the general setting status.</p>
115 EJECT SW INH	<p>This selects whether to enable or disable the operation of the EJECT button on the front panel.</p> <p><u>0000</u> <u>REC</u> : Operation is disabled while the unit is in the recording mode. 0001 OFF : Operation is enabled in all modes.</p>
116 EJECT LAMP	<p>This selects whether the EJECT lamp is to remain lighted or be turned off in the cassette out status.</p> <p><u>0000</u> <u>MODE1</u> : The EJECT lamp remains lit. 0001 <u>MODE2</u> : The EJECT lamp goes off.</p>

The underlined items indicates the initial setting.

Setup menus (continued)

USER menu <INTERFACE>

No./Item	Description
200 PARA RUN	<p>This selects whether two or more VTRs are to be operated in synchronization.</p> <p><u>0000</u> DIS : No operation in synchronization 0001 ENA : Operation in synchronization</p> <p><Note> When operating two or more VTRs in synchronization, set all the VTRs to ENA.</p>
201 9P SEL	<p>This selects whether the 9P connector is to function when the REMOTE button is set to the remote mode (REMOTE lamp ON).</p> <p>0000 OFF : Connector does not function. <u>0001</u> ON : Connector functions.</p>
202 ID SEL	<p>This sets the ID information to be returned to the controller.</p> <p>0000 OTHER <u>0001</u> DVCPRO 0002 ORIG</p> <p><Notes></p> <ul style="list-style-type: none"> • ID information of any VTR except for the DVCPRO's is set in OTHER. • The ORIG setting should only be used when a Panasonic controller (AG-A850 etc. sold separately) is connected.
203 25P SEL	<p>This selects whether the PARALLEL (25P) connector is to function when the REMOTE button is set to the remote mode (REMOTE lamp ON).</p> <p>0000 OFF : Connector does not function. <u>0001</u> ON : Connector functions.</p>
204 RS232C SEL	<p>This selects whether the RS-232C connector is to function when the REMOTE button is set to the remote mode (REMOTE lamp ON).</p> <p><u>0000</u> OFF : Connector does not function. 0001 ON : Connector functions.</p>
205 BAUD RATE	<p>These settings are for selecting the RS-232C communication speed (baud rate).</p> <p>0000 300 0001 600 0002 1200 0003 2400 0004 4800 <u>0005</u> 9600</p>
206 DATA LENGTH	<p>These settings are for selecting the RS-232C data length. (Unit: bit)</p> <p>0000 7 <u>0001</u> 8</p>
207 STOP BIT	<p>These settings are for selecting the RS-232C stop bit length. (Unit: bit)</p> <p>0000 1 <u>0001</u> 2</p>

No./Item	Description
208 PARITY	<p>These settings are for selecting the none, odd or even for the RS-232C parity bit.</p> <p><u>0000</u> 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.</p>
209 RETURN ACK	<p>These settings are for selecting whether the ACK code is to be returned when a command is received from RS-232C.</p> <p>0000 OFF : ACK code is not returned. <u>0001</u> ON : ACK code is returned.</p>
210 25P STBY CMD	<p>For selecting the method used to detect the STANDBY COMMAND signal input at the PARALLEL (25P) connector.</p> <p><u>0000</u> OFF/ON : Each time active signals are detected, the STANDBY ON or STANDBY OFF mode is selected alternately. 0001 ON : When active signals are detected in the STANDBY OFF mode, the unit is transferred to the STANDBY ON mode. Nothing happens if they are detected during an operation in the STANDBY ON mode.</p>
211 LOCAL 25P	<p>This selects whether the PARALLEL (25P) connector is to function when the REMOTE button is set to the local mode (REMOTE lamp OFF).</p> <p><u>0000</u> OFF : Connector does not function. 0001 ON : Connector functions.</p>
212 MASTER PORT	<p>For selecting the remote control connector to control the slave when the unit is used as the master during deck-to-deck operations.</p> <p><u>0000</u> IN/OUT : The IN/OUT connector is used. 0001 OUT : The OUT connector is used.</p> <p><Note> This setting takes effect only when the REMOTE button is set to the local mode (REMOTE lamp OFF).</p>

The underlined items indicates the initial setting.

Setup menus (continued)

USER menu <EDIT>

No./Item	Description
301 IN/OUT DEL	<p>This selects the operation to be performed when an edit point has been set incorrectly (when the OUT point is before the IN point).</p> <p><u>0000</u> MANU : Editing is not executed unless the illegal edit point is cleared or set again properly.</p> <p><u>0001</u> AUTO : The edit points already input are automatically cleared.</p>
303 STD/ NON-STD	<p>This selects STD or NON-STD in accordance with the composite input signal.</p> <p><u>0000</u> AUTO : Standard/non-standard signals are automatically identified and processed.</p> <p>0001 STD : Standard signals are processed. (Forced STD)</p> <p>0002 N-STD : Non-standard signals are processed. (Forced NON-STD)</p> <p><Note> Use the non-standard (N-STD) setting when video or audio trouble occurs with signals from laser discs or a satellite.</p>
304 SERVO REF	<p>This selects the video signal processing.</p> <p><u>0000</u> AUTO : Servo is synchronized with the input signal during recording and editing, or with the REF signal during playback. With the EE output, the servo is synchronized with the internal reference signal when there is no REF signal.</p> <p>0001 EXT : Servo is synchronized at all times with the REF signal.</p> <p>0002 AUTO1 : Select this setting to use a standard signal as the input signal. The servo is synchronized with the input signal during recording or editing and with the REF signal during playback. With the EE output, the servo is synchronized with the input signal when there is no REF signal.</p>

No./Item	Description
305 EDIT RPLCE1	<p>This sets the channel assignments for the controller's analog audio preset when editing the digital audio of the VTR using a controller which does not have a digital audio edit preset control function.</p> <p>This selects the channel concerned when the VTR CH1 edit preset is set in compliance with the ON or OFF presetting for the analog audio signals designated by the controller.</p> <p>0000 N-DEF : Not set.</p> <p><u>0001</u> CH1 : Compliance with analog CH1 edit preset.</p> <p>0002 CH2 : Compliance with analog CH2 edit preset.</p> <p>0003 CH1+2 : Compliance with either analog CH1 or CH2 edit preset.</p>
306 EDIT RPLCE2	<p>The same type of setting as setup menu No. 305. This selects the channel concerned when the CH2 edit preset is set in compliance with the ON or OFF presetting for the analog audio signals designated by the controller.</p> <p>0000 N-DEF : Not set.</p> <p>0001 CH1 : Compliance with analog CH1 edit preset.</p> <p><u>0002</u> CH2 : Compliance with analog CH2 edit preset.</p> <p>0003 CH1+2 : Compliance with either analog CH1 or CH2 edit preset.</p>
307 EDIT RPLCE3	<p>The same type of setting as setup menu No. 305. This selects the channel concerned when the CH3 edit preset is set in compliance with the ON or OFF presetting for the analog audio signals designated by the controller.</p> <p>0000 N-DEF : Not set.</p> <p>0001 CH1 : Compliance with analog CH1 edit preset.</p> <p>0002 CH2 : Compliance with analog CH2 edit preset.</p> <p>0003 CH1+2 : Compliance with either analog CH1 or CH2 edit preset.</p>

The underlined items indicates the initial setting.

Setup menus (continued)

USER menu <EDIT>

No./Item	Description	No./Item	Description
308 EDIT RPLCE4	<p>The same type of setting as setup menu No. 305. This selects the channel concerned when the CH4 edit preset is set in compliance with the ON or OFF presetting for the analog audio signals designated by the controller.</p> <p><u>0000</u> N-DEF : Not set.</p> <p>0001 CH1 : Compliance with analog CH1 edit preset.</p> <p>0002 CH2 : Compliance with analog CH2 edit preset.</p> <p>0003 CH1+2 : Compliance with analog CH1 or CH2 edit preset.</p>	314 CF ADJ SEL	<p>This selects the CF adjustment deck with deck-to-deck editing.</p> <p><u>0000</u> PLAYER : The player's edit IN/OUT points are adjusted. (reference as the RECORDER side)</p> <p>0001 RECORD : The recorder's edit IN/OUT points are adjusted. (reference as the PLAYER side)</p>
309 EDIT RPLCEC	<p>The same type of setting as setup menu No. 305. This selects the channel concerned when the CUE edit preset is set in compliance with the ON or OFF presetting for the analog audio signals designated by the controller.</p> <p><u>0000</u> N-DEF : Not set.</p> <p>0001 CH1 : Compliance with analog CH1 edit preset.</p> <p>0002 CH2 : Compliance with analog CH2 edit preset.</p> <p>0003 CH1+2 : Compliance with either analog CH1 or CH2 edit preset.</p>	315 AFTER CUE-UP	<p>This selects the mode after cue-up operation is complete.</p> <p><u>0000</u> STOP : STOP mode</p> <p>0001 STILL : SHTL STILL mode</p> <p>0002 STILL2 : SLOW STILL mode</p>
310 CONFI EDIT	<p>This selects whether to conduct simultaneous playback while editing is in progress.</p> <p><u>0000</u> OFF : No simultaneous playback</p> <p>0001 ON : Simultaneous playback</p> <p><Note> Simultaneous playback is valid when the MODE switch is set to TAPE.</p>	320 VAR FWD MAX	<p>This sets the maximum SLOW FWD speed.</p> <p><u>0000</u> +4.1 : +4.1 (+3.1)× speed</p> <p>0001 +1.85 : +1.85× speed</p> <p>0002 +1 : +1× speed</p> <p><Notes></p> <ul style="list-style-type: none"> • The value for the DV/DVCAM tape is shown in parenthesis (). • At any speed setting other than +4.1, the phase cannot be synchronized from the editing controller.
311 AUD EDIT IN	<p>This selects the connection method for the digital audio edit IN point.</p> <p><u>0000</u> CUT : Cut processing</p> <p>0001 FADE : V Fade processing</p>	321 VAR REV MAX	<p>This sets the maximum SLOW REV speed.</p> <p><u>0000</u> -4.1 : -4.1 (-3.1)× speed</p> <p>0001 -1.85 : -1.85× speed</p> <p>0002 -1 : -1× speed</p> <p>0003 -0.43 : -0.43× speed</p> <p><Note> The value for the DV/DVCAM tape is shown in parenthesis ().</p>
312 AUD EDIT OUT	<p>This selects the connection method for the digital audio edit OUT point.</p> <p><u>0000</u> CUT : Cut processing</p> <p>0001 FADE : V Fade processing</p>	323 JOG FWD MAX	<p>This sets the maximum JOG FWD speed.</p> <p><u>0000</u> +4.1 : +4.1 (+3.1)× speed</p> <p>0001 +1.85 : +1.85× speed</p> <p>0002 +1 : +1× speed</p> <p><Notes></p> <ul style="list-style-type: none"> • The value for the DV/DVCAM tape is shown in parenthesis (). • The maximum speed is set to +1× when the dial on the front panel is operated. • At any speed setting other than +4.1, the phase cannot be synchronized from an editing controller which synchronizes the phase using the JOG command.
313 AUTO ENTRY	<p>This selects whether the IN point is to be entered using the PREROLL button when it has not been entered.</p> <p><u>0000</u> DIS : IN point is not entered.</p> <p>0001 ENA : IN point is entered.</p>		

The underlined items indicates the initial setting.

Setup menus (continued)

USER menu <EDIT>

No./Item	Description
324 JOG REV MAX	<p>This sets the maximum JOG REV speed.</p> <p>0000 <u>-4.1</u> : -4.1 (-3.1) × speed 0001 -1.85 : -1.85 × speed 0002 -1 : -1 × speed 0003 <u>-0.43</u> : -0.43 (-0.5) × speed</p> <p><Notes></p> <ul style="list-style-type: none"> • The value for the DV/DVCAM tape is shown in parenthesis (). • The maximum speed is set to -1 × when the dial on the front panel is operated.
325 POSTROLL TM	<p>This sets the postroll time. Any time from 0 to 5 seconds can be set in 1-second units.</p> <p>0000 0s 0001 1s 0002 2s 0003 3s 0004 4s 0005 5s</p>

USER menu <TAPE PROTECT>

No./Item	Description
400 STILL TIMER	<p>This selects the time to be taken until the unit goes into the tape protection mode when it is left standing in the stop or search still (JOG/SLOW/SHTL) mode. (Unit: s = second, min = minute)</p> <p>0000 0.5s <Notes> 0001 5s • STEP FWD and HALF 0002 10s LOADING are provided in 0003 20s the tape protection mode. 0004 30s Either of these can be set 0005 40s for STOP and SEARCH 0006 50s STILL. 0007 1min • The cumulative standby 0008 2min time at the same tape position increases when transmitting programs or otherwise using identical materials repeatedly. In order to protect the tape, it is recommended that the shortest possible setting for the standby time in the same tape location is used. • When a DV/DVCAM tape is used, any setting above 10 seconds will be treated as 10 seconds.</p>

No./Item	Description
401 SRC PROTECT	<p>When the time selected as the setup menu item No. 400 (STILL TIMER) setting elapses while the unit is in the search STILL (JOG/SLOW/SHTL) mode, the unit automatically enters one of the tape protection modes. This menu item is for selecting which tape protection mode the unit is to enter.</p> <p>0000 <u>STEP</u> : STEP FWD 0001 <u>HALF</u> : HALF LOADING</p> <p><Note></p> <p>When STEP FWD is selected, the unit automatically goes into the STANDBY OFF (HALF LOADING) mode when the total time for which the unit is left standing in the still status reaches 30 minutes (or 1 minute for a DV/DVCAM tape).</p>
402 DRUM STDBY	<p>This selects the drum operation in the STANDBY OFF (HALF LOADING) mode.</p> <p>0000 <u>OFF</u> : The drum stops rotating. 0001 <u>ON</u> : The drum continues rotating.</p>
403 STOP PROTECT	<p>When the time selected as the setup menu item No. 400 (STILL TIMER) setting elapses while the unit is in the STOP mode, the unit automatically enters one of the tape protection modes. This menu item is for selecting which tape protection mode the unit is to enter.</p> <p>0000 <u>STEP</u> : STEP FWD 0001 <u>HALF</u> : HALF LOADING</p> <p><Note></p> <p>When STEP FWD is selected, the unit is automatically transferred to the STANDBY OFF (HALF LOADING) mode when the total time during which it has been left standing in the STOP mode reaches 30 minutes (or 1 minute for a DV/DVCAM tape).</p>

The underlined items indicates the initial setting.

Setup menus (continued)

USER menu <TIME CODE>

No./Item	Description												
500 VITC BLANK	<p>For selecting 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).</p> <p>0000 BLANK : VITC signals are not output. 0001 THRU : VITC signals are output.</p>												
501 VITC POS-1	<p>This sets the position where the VITC signal is to be inserted.</p> <table border="0"> <tr> <td>[625i system]</td> <td>[525i system]</td> </tr> <tr> <td>0000 7L</td> <td>0000 10L</td> </tr> <tr> <td>:</td> <td>:</td> </tr> <tr> <td><u>0004</u> 11L</td> <td><u>0006</u> 16L</td> </tr> <tr> <td>:</td> <td>:</td> </tr> <tr> <td>0015 22L</td> <td>0010 20L</td> </tr> </table> <p><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.</p>	[625i system]	[525i system]	0000 7L	0000 10L	:	:	<u>0004</u> 11L	<u>0006</u> 16L	:	:	0015 22L	0010 20L
[625i system]	[525i system]												
0000 7L	0000 10L												
:	:												
<u>0004</u> 11L	<u>0006</u> 16L												
:	:												
0015 22L	0010 20L												
502 VITC POS-2	<p>This sets the position where the VITC signal is to be inserted.</p> <table border="0"> <tr> <td>[625i system]</td> <td>[525i system]</td> </tr> <tr> <td>0000 7L</td> <td>0000 10L</td> </tr> <tr> <td>:</td> <td>:</td> </tr> <tr> <td><u>0006</u> 13L</td> <td><u>0008</u> 18L</td> </tr> <tr> <td>:</td> <td>:</td> </tr> <tr> <td>0015 22L</td> <td>0010 20L</td> </tr> </table> <p><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.</p>	[625i system]	[525i system]	0000 7L	0000 10L	:	:	<u>0006</u> 13L	<u>0008</u> 18L	:	:	0015 22L	0010 20L
[625i system]	[525i system]												
0000 7L	0000 10L												
:	:												
<u>0006</u> 13L	<u>0008</u> 18L												
:	:												
0015 22L	0010 20L												
503 TCG REGEN	<p>This selects the signal to be regenerated when the time code generator (TCG) in the REGEN mode.</p> <p>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.</p>												
504 REGEN MODE	<p>This selects whether the time code is to be regenerated during automatic editing using the unit's control panel.</p> <p>0000 AS&IN : Time code is regenerated with assemble or insert editing. 0001 ASSEM : Time code is regenerated with assemble editing. 0002 INSRT : Time code is regenerated with insert editing. 0003 SW : Setting complies with TC (REGEN/PRESET) switch setting.</p>												

No./Item	Description
505 EXT TC SEL	<p>This selects the time code to be used when an external time code is to be used.</p> <p>0000 LTC : The LTC of the TIME CODE IN connector is used. 0001 VITC : The VITC of the input video signal is used.</p>
506 BINARY GP	<p>This sets the usage status of the user bit of the time code generated by the TCG.</p> <p>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)</p>
507 PHASE CORR	<p>This selects whether to control the phase correction of the LTC which is output from the TIME CODE OUT connector.</p> <p>0000 OFF : Phase correction control is not performed. 0001 ON : Phase correction control is performed.</p>
508 TCG CF FLAG	<p>This selects whether the CF flag of the TCG is to ON.</p> <p>0000 OFF : CF flag is OFF. 0001 ON : CF flag is ON.</p>
509 DF MODE	<p>This selects the DF or NDF mode for CTL and TCG.</p> <p>0000 DF : The drop frame mode is used. 0001 NDF : The non-drop frame mode is used.</p> <p><Notes></p> <ul style="list-style-type: none"> The drop frame mode takes effect when the REMOTE button is set to the local mode (REMOTE lamp OFF) or when ENA has been selected as the setup menu item No.001 (LOCAL ENA). This setup menu is not displayed in the 625i system.
510 TC OUT REF	<p>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.</p> <p>0000 V OUT : Time code is synchronized with output video signal. 0001 TC_IN : Time code is synchronized with external time code input.</p>

The underlined items indicates the initial setting.

Setup menus (continued)

USER menu <TIME CODE>

No./Item	Description
511 VITC OUT	<p>This selects how the VITC which is to be superimposed onto the output video signal is to be output.</p> <p><u>0000</u> SBC : During recording: The input time code, which was selected by the setup menu No. 505 (EXT TC SEL) setting and TCG switch, is output as the VITC. During playback: The time code recorded in the SBC area is output as the VITC.</p> <p>0001 VAUX : During recording: The time code detected from the input video signal is output as the VITC. During playback: The time code recorded in the VAUX area is output as the VITC.</p> <p><Note> The time code detected from the input video signal is automatically recorded in the VAUX area while pictures are being recorded.</p>
512 TC OUT ADV	<p>This selects how the phase alignment for the time code output from the TIME CODE OUT connector is to be handled.</p> <p>Usually, it is aligned with the output video and audio signals. However, when external components are to be connected, it is possible to align the phase with the input signal.</p> <p><u>0000</u> OFF : Phase alignment is not performed. The time code output from the TIME CODE OUT connector is aligned with the output video and audio signals.</p> <p>0001 EDIT : When editing mode has been selected, the time code output from the TIME CODE OUT connector is aligned with the input video and audio signals during playback and editing operations. In all other modes it is aligned with the output video and audio signals.</p>

No./Item	Description
514 VITC GEN	<p>This selects whether or not to record the internal time code generator value in the VAUX area.</p> <p><u>0000</u> 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.</p> <p>0001 ON : The internal time code generator value is recorded in the VAUX area.</p> <p><Note> If 1394 has been selected as the input signals using the INPUT SELECT button, the time code on the input signals will be recorded regardless of this menu's setting.</p>

SBC (sub code data) area:

This area is separate from the video and audio data area on the helical track. The time code complying with SMPTE/EBU standards is stored here. As with the conventional LTC (linear time code), the time code can be read even during rewinding or fast forwarding. It can also be read out when the tape has stopped.

VAUX (video auxiliary data) area:

This area is to be found in the video data area on the helical track. The additional information relating to the video data is stored here.

<Note>

The time code and user bit are controlled during tape playback by the data which has been recorded in the SBC area. This means that all the data recorded in the SBC area alone is used as the data which is to be indicated on the counter display section in the middle of the front panel or in the superimposed display, or as the data which is to be transmitted to the editing controller or other unit.

The underlined items indicates the initial setting.

Setup menus (continued)

USER menu <VIDEO>

No./Item	Description
600 INT SG	This selects the internal reference signal. 0001 <u>BB</u> : The black burst is generated. 0002 <u>CB100</u> : 100% color bars are generated. 0003 <u>CB75</u> : 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 <u>N-VF</u> : Signals are not floated. 0001 <u>VF</u> : Signals are floated.
602 V-MUTE SEL	This selects whether to mute the video output signals when a blank on the tape has been detected during playback. 0000 <u>N-MUTE</u> : No muting. (Freeze) 0001 <u>LOW RF</u> : Muting. (Set to gray.)
603 CC (F1) BLANK	This selects ON or OFF for the closed caption signal of the first field. 0000 <u>BLANK</u> : Signal is forcibly blanked. 0001 <u>THRU</u> : Signal is not blanked. <Note> This setup menu 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 <u>BLANK</u> : Signal is forcibly blanked. 0001 <u>THRU</u> : Signal is not blanked. <Note> This setup menu is not displayed in the 625i system.
605 FREEZE SEL	This selects the freeze mode for still pictures. 0000 <u>FIELD</u> : Field freeze. 0001 <u>FRAME</u> : Frame freeze. <Note> When frame freeze has been selected, the frame slow status is established with the slow setting.
606 OUT C KILL	This selects chroma color killer processing for the video output signals. 0000 <u>B/W</u> : No color signals are output. 0001 <u>COLOR</u> : Color signals are output.

No./Item	Description
609 EDH	This selects whether to superimpose EDH onto the SDI output signals. 0000 <u>OFF</u> : EDH is not superimposed. 0001 <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 if the SUPER switch on the front panel of the unit is set to ON.
610 Pb/Pr IN LV	This selects the analog component input level. 0000 <u>M II</u> : M II level 0001 <u>B-CAM</u> : B-CAM level <Notes> • This setup menu is not displayed in the 625i system. • When no optional board (AJ-YA931G) has been installed, setup menu No. 610 is not displayed.
611 YC SEP MODE	This selects Y/C separation processing for the composite input signals. 0000 <u>B/W</u> : The signals are processed as B/W signals. 0001 <u>AUTO</u> : The signals are automatically detected. <Note> When no optional board (AJ-YA931G) has been installed, setup menu No. 611 is not displayed.
614 Pb/Pr OUT LV	This selects the analog component output level. 0000 <u>M II</u> : M II level 0001 <u>B-CAM</u> : B-CAM level <Note> This setup menu 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 <u>OFF</u> : Interpolation is forcibly turned off. 0001 <u>AUTO</u> : Interpolation is automatically turned on during slow-motion playback.

The underlined items indicates the initial setting.

Setup menus (continued)

USER menu <VIDEO>

No./Item	Description
620 ESR MODE	<p>This selects the operation mode for edge subcarrier reduction (ESR) in the playback circuit.</p> <p><u>0000</u> OFF: The mode is forcibly set to OFF.</p> <p><u>0001</u> AUTO: The mode is automatically set to ON or OFF depending on the VTR operation.</p>
621 CCR MODE	<p>This selects the cross color processing during playback.</p> <p><u>0000</u> OFF: The cross color is output with no changes made.</p> <p><u>0001</u> ON: The cross color can be reduced.</p> <p><Note> This setup menu is not displayed in the 625i system.</p>

No./Item	Description
622 SETUP 25	<p>For setting 7.5% setup processing to be performed on input and output signals in the DVCPRO (25 Mbps) mode.</p> <p>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.</p> <p><Note> This setup menu is not displayed in the 625i system.</p>
Sub-screen	
00 CMPST IN	<p>This selects the 7.5% setup processing for the input composite signal.</p> <p><u>0000</u> THRU: The signal is recorded in its original form.</p> <p><u>0001</u> CUT: The signal is recorded with the 7.5% setup removed.</p>
01 CMPST OUT	<p>This selects the 7.5% setup processing for the output composite signal.</p> <p><u>0000</u> THRU: The signal is output in its original form.</p> <p><u>0001</u> ADD: The signal is output with the 7.5% setup added.</p> <p><Note> Bear in mind the setting for sub-screen item No. 03 (CMPNT OUT) of setup menu item No. 622 (SETUP 25).</p>
02 CMPNT IN	<p>This selects the 7.5% setup processing for the input component signal.</p> <p><u>0000</u> THRU: The signal is recorded in its original form.</p> <p><u>0001</u> CUT: The signal is recorded with the 7.5% setup removed.</p>
03 CMPNT OUT	<p>This selects the 7.5% setup processing for the output composite, component and serial (digital) signal.</p> <p><u>0000</u> THRU: The signal is output in its original form.</p> <p><u>0001</u> CUT: The signal is output with the 7.5% setup removed.</p> <p><u>0002</u> ADD: The signal is output with the 7.5% setup added.</p>

The underlined items indicates the initial setting.

Setup menus (continued)

USER menu <VIDEO>

No./Item	Description
623 SETUP 50	<p>For setting 7.5% setup processing to be performed on input and output signals in the DVCPRO50 (50 Mbps) mode.</p> <p>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.</p> <p><Note> This setup menu is not displayed in the 625i system.</p>
Sub-screen	
00 CMPST IN	<p>This selects the 7.5% setup processing for the input composite signal.</p> <p><u>0000</u> THRU : The signal is recorded in its original form.</p> <p><u>0001</u> CUT : The signal is recorded with the 7.5% setup removed.</p>
01 CMPST OUT	<p>This selects the 7.5% setup processing for the output composite signal.</p> <p><u>0000</u> THRU : The signal is output in its original form.</p> <p><u>0001</u> ADD : The signal is output with the 7.5% setup added.</p> <p><Note> Bear in mind the setting for sub-screen item No. 03 (CMPNT OUT) of setup menu item No. 623 (SETUP 50).</p>
02 CMPNT IN	<p>This selects the 7.5% setup processing for the input component signal.</p> <p><u>0000</u> THRU : The signal is recorded in its original form.</p> <p><u>0001</u> CUT : The signal is recorded with the 7.5% setup removed.</p>
03 CMPNT OUT	<p>This selects the 7.5% setup processing for the output composite, component and serial (digital) signal.</p> <p><u>0000</u> THRU : The signal is output in its original form.</p> <p><u>0001</u> CUT : The signal is output with the 7.5% setup removed.</p> <p><u>0002</u> ADD : The signal is output with the 7.5% setup added.</p>

No./Item	Description
624 CC REC	<p>For selecting whether to record the closed caption signals multiplexed on the input signals on the tape.</p> <p><u>0000</u> OFF : No closed caption signal is recorded. In addition, the EE output signals are blanked.</p> <p><u>0001</u> ON : When a closed caption signal is detected from the selected input signal, it can be recorded.</p> <p><Notes></p> <ul style="list-style-type: none"> ● If 1394 signals have been selected as the input signals, the closed caption signals which have been multiplexed onto the input signals will be recorded on the tape regardless of the setting. ● This setup menu is not displayed in the 625i system.
645 WIDE SELECT	<p>This selects whether or not to record the wide-screen information on the tape.</p> <p><u>0001</u> WIDE : The wide-screen information is recorded on the tape.</p> <p><u>0002</u> NORMAL : The wide-screen information is not recorded on the tape.</p> <p><Notes></p> <ul style="list-style-type: none"> ● If 1394 has been selected as the input signals using the INPUT SELECT button, the wide-screen information on the input signals will be recorded regardless of this menu's setting. ● The aspect ratio cannot be changed by this unit.

The underlined items indicates the initial setting.

Setup menus (continued)

USER menu <VIDEO>

No./Item	Description														
660 UMID REC	<p>This selects whether or not to record the UMID information on the tape.</p> <p>0000 OFF: UMID information is not recorded on the tape. In addition, EE output signals are blanked.</p> <p>0001 ON: UMID information is recorded on the tape.</p> <p><Notes></p> <ul style="list-style-type: none"> • If 1394 has been selected as the input signals using the INPUT SELECT button, the UMID information on the input signals will be recorded regardless of this menu's setting. • 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. • The UMID information cannot be rewritten by this unit. 														
661 UMID GEN	<p>This selects the basic UMID information to be recorded on the tape when ON has been selected as the setup menu item No. 660 (UMID REC) setting.</p> <p>0000 INT: Newly created basic UMID information of this unit is always recorded.</p> <p>0001 EXT: The basic UMID information of the input signals is recorded. Newly created basic UMID information of this unit is recorded if there is no basic UMID information on the input signals.</p> <p><Notes></p> <ul style="list-style-type: none"> • The source pack (of the UMID information) of the input signal will be recorded on the tape, regardless of this menu's setting. • The UMID information cannot be rewritten by this unit. 														
662 UMID POS	<p>This sets the line on which the UMID information is to be superimposed.</p> <table> <tr> <td>[625i system]</td> <td>[525i system]</td> </tr> <tr> <td>0000 BLANK</td> <td>0000 BLANK</td> </tr> <tr> <td>0001 8L</td> <td>0001 12L</td> </tr> <tr> <td>:</td> <td>:</td> </tr> <tr> <td>0010 17L</td> <td>0006 17L</td> </tr> <tr> <td>:</td> <td>:</td> </tr> <tr> <td>0015 22L</td> <td>0008 19L</td> </tr> </table> <p><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.</p>	[625i system]	[525i system]	0000 BLANK	0000 BLANK	0001 8L	0001 12L	:	:	0010 17L	0006 17L	:	:	0015 22L	0008 19L
[625i system]	[525i system]														
0000 BLANK	0000 BLANK														
0001 8L	0001 12L														
:	:														
0010 17L	0006 17L														
:	:														
0015 22L	0008 19L														

The underlined items indicates the initial setting.

Setup menus (continued)

USER menu <AUDIO>

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

No./Item	Description
711 MONIL OUT LV	This selects the audio monitor output (Lch) reference level switching. 0000 4dB <u>0001</u> 0dB 0002 -20dB
712 MONIR OUT LV	This selects the audio monitor output (Rch) reference level switching. 0000 4dB <u>0001</u> 0dB 0002 -20dB
713 MONI OUT	This selects whether or not to couple the volume level of the audio monitor output with the volume control of the headphone jack. 0000 <u>UNITY</u> : Volume is output at a fixed level, regardless of the position of the volume control. 0001 <u>VAR</u> : Audio monitor output volume is coupled to the volume control.
715 CH1 IN SEL	This selects the CH1 input when USER SET has been selected by pressing the unit's AUDIO input selector button. 0000 <u>ANA</u> : Analog input. 0001 <u>DIGI</u> : Digital input.
716 CH2 IN SEL	This selects the CH2 input when USER SET has been selected by pressing the unit's AUDIO input selector button. 0000 <u>ANA</u> : Analog input. 0001 <u>DIGI</u> : Digital input.
717 CH3 IN SEL	This selects the CH3 input when USER SET has been selected by pressing the unit's AUDIO input selector button. 0000 <u>ANA</u> : Analog input. 0001 <u>DIGI</u> : Digital input.
718 CH4 IN SEL	This selects the CH4 input when USER SET has been selected by pressing the unit's AUDIO input selector button. 0000 <u>ANA</u> : Analog input. 0001 <u>DIGI</u> : Digital input.
719 D IN SEL12	This selects the CH1 and CH2 digital input when USER SET has been selected by pressing the unit's AUDIO input selector button. 0000 <u>AES</u> : AES/EBU input 0001 <u>SIF</u> : SDI input
720 D IN SEL34	This selects the CH3 and CH4 digital input when USER SET has been selected by pressing the unit's AUDIO input selector button. 0000 <u>AES</u> : AES/EBU input 0001 <u>SIF</u> : SDI input

The underlined items indicates the initial setting.

Setup menus (continued)

USER menu <AUDIO>

No./Item	Description
721 MONI CH SEL	<p>This selects the monitor output.</p> <p><u>0000</u> MANU : The output signal is as selected in MONITOR SELECT buttons.</p> <p><u>0001</u> AUTO : PCM AUDIO output is selected within the $-0.43 (-0.5) \times$ to $+1 \times$ speed range; CUE is automatically selected for all other tape speeds.</p> <p><Note> The value for the DV/DVCAM tape is shown in parenthesis ().</p> <p><u>0002</u> PCM : The PCM AUDIO signal is output over the $-10 \times$ to $+10 \times$ range.</p> <p><Note> This setup menu's setting takes effect when CH1, CH2, CH3 or CH4 has been selected by the L and R MONITOR SELECT buttons on the front panel. (If CUE has been selected, the cue signal will be output at all the speeds regardless of the setup menu's setting.)</p>
726 REC CUE	<p>This selects the input signal recorded in CUE.</p> <p><u>0001</u> CH1 : Audio CH1 input <u>0002</u> CH2 : Audio CH2 input <u>0003</u> CH1+2 : Audio CH1 and CH2 MIX signal <u>0004</u> CH3 : Audio CH3 input <u>0005</u> CH4 : Audio CH4 input <u>0006</u> CH3+4 : Audio CH3 and CH4 MIX signal <u>0007</u> CH1~4 : Audio CH1, CH2, CH3 and CH4 mixed signals</p>
727 PB FADE	<p>This selects the processing method for the audio edit points (IN point, OUT point) during playback.</p> <p><u>0000</u> AUTO : According to the status during recording. <u>0001</u> CUT : Forced CUT <u>0002</u> FADE : Forced FADE</p>
728 EMBEDDED AUD	<p>This selects whether to superimpose the audio data onto the SDI output.</p> <p><u>0000</u> OFF : Data is not superimposed. <u>0001</u> ON : Data is superimposed.</p>

No./Item	Description
731 CUE OUT SEL	<p>This selects whether or not the cue signal is to be output to the main line output in the search mode.</p> <p><u>0000</u> OFF : CUE is not output. <u>0001</u> ON : CUE is output.</p> <p><Notes> <ul style="list-style-type: none"> This function works only when a setting other than MANU has been selected by setup menu No. 721 (MONI CH SEL). The main signal system output channels used for the CUE output differ depending on the setting selected by setup menu No. 735 (MON AUTO SEL). When L/R is selected: CUE is output to CH1 to CH4. When L is selected: CUE is output to CH1 and CH3. When R is selected: CUE is output to CH2 and CH4. <ul style="list-style-type: none"> When PCM has been selected as the setup menu No. 721 (MONI CH SEL) setting, PCM is output. </p>
733 CUE OUT	<p>This selects the timing for the output picture and CUE output when CUE has been selected for monitor output.</p> <p><u>0000</u> NORMAL : The timing is aligned with the output picture. <u>0001</u> DIRECT : Whatever has been recorded on the tape is output with no delay.</p> <p><Note> When DIRECT has been selected, the timing of the output picture and that of the cue output are not aligned properly.</p>
734 MONI SEL INH	<p>This selects whether the operation of the AUDIO MON SEL button on the front panel is to be enabled or disabled.</p> <p><u>0000</u> OFF : Operation is enabled. <u>0001</u> ON : Operation is disabled. <u>0002</u> ON1 : Operation is disabled in the FULL display mode and enabled only in the FINE display mode.</p>
735 MON AUTO SEL	<p>Although CUE is automatically output to the monitor output in accordance with the operation mode when a setting AUTO has been selected by setup menu item No. 721 (MONI CH SEL), the MON AUTO SEL setup menu item is used to select the monitor channel which is to be automatically switched to CUE.</p> <p><u>0000</u> L/R : CUE is output to both the left and right channels. <u>0001</u> L : CUE is output to the left channel only. <u>0002</u> R : CUE is output to the right channel only.</p>

The underlined items indicates the initial setting.

Setup menus (continued)

USER menu <AUDIO>

No./Item	Description
750 DV PB ATT	<p>This selects the audio output level during DV playback.</p> <p><u>0000</u> OFF: The audio output level is not attenuated.</p> <p><u>0001</u> ON: The audio output level is attenuated (reduced).</p>
751 REC PT MUTE	<p>This selects whether to mute the sound where recordings are joined during DV/DVCAM playback.</p> <p><u>0000</u> OFF: The sound is not muted.</p> <p><u>0001</u> ON: The sound is muted.</p>

The underlined items indicates the initial setting.

No./Item	Description
754 AMIX SEL INH	<p>This selects the input audio channel switching mode using the REC CH1/CH3 and REC CH2/CH4 buttons.</p> <p><u>0000</u> OFF: The audio input channels can be switched using the REC CH buttons.</p> <p><u>0001</u> ON: Switching of the audio input channels using the REC CH buttons is prohibited.</p> <p><u>0002</u> REC: After the unit's operation has been transferred to recording, switching of the audio input channels using the REC CH buttons is prohibited.</p>

<Concerning the CUE output in the search mode>

The table below shows how the CUE output to the monitor and main signal system outputs differs according to how the setup menu item (No. 721, No. 731 and No. 735) settings are combined.

731 CUE OUT SEL	721 MONI CH SEL	735 MON AUTO SEL	Monitor output		Main signal system output			
			Lch	Rch	CH1	CH2	CH3	CH4
OFF	MANU	—	PCM *1	PCM *1	PCM *1	PCM *1	PCM *1	PCM *1
	AUTO	L/R	CUE	CUE				
		L	CUE	PCM *1				
		R	PCM *1	CUE				
PCM	—	PCM *2	PCM *2	PCM *2	PCM *2	PCM *2	PCM *2	
ON	MANU	—	PCM *1	PCM *1	PCM *1	PCM *1	PCM *1	PCM *1
	AUTO	L/R	CUE	CUE	CUE	CUE	CUE	CUE
		L	CUE	PCM *1	CUE	PCM *1	CUE	PCM *1
		R	PCM *1	CUE	PCM *1	CUE	PCM *1	CUE
PCM	—	PCM *2	PCM *2	PCM *2	PCM *2	PCM *2	PCM *2	

<Notes>

*1: PCM audio signal output is muted when the VTR is played outside the -0.43 to +1 normal speed.

*2: PCM audio signal output is muted when the VTR is played outside the -10 to +10 normal speed.

When either AUTO is selected, the PCM audio signal is output within -0.43 to +1 normal speed even in the automatic CUE output mode.

Setup menus (continued)

USER menu <V BLANK>

No./Item	Description
800	For selecting the mode for recording signals on additional lines.
ADD LINE 25	<p>0000 OFF: No signals are recorded on additional lines.</p> <p>0001 <u>YC422</u>: The 422 mode signals are recorded on 1 line.</p> <p>0002 <u>YC411</u>: The 411 mode signals are recorded on 1 line.</p> <p>0003 Y1_B/W: Only the Y signal is recorded on 1 line directly.</p> <p>0004 Y1_BPF: Only the Y signal is recorded on 1 line after it has been separated from the C signal.</p> <p>0005 C1: Only the C signal is recorded on 1 line.</p> <p>0006 Y2_B/W: Only the Y signal is recorded on 2 lines directly.</p> <p>0007 Y2_BPF: Only the Y signal is recorded on 2 lines after it has been separated from the C signal.</p> <p>0008 C2: Only the C signal is recorded on 2 lines.</p> <p><Notes></p> <ul style="list-style-type: none"> 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. <p>To return from the sub-screen, press the STOP button again.</p> <ul style="list-style-type: none"> The setting takes effect when the system format is 25 Mbps.
Sub-screen	
00 REC LINE1	<p>For selecting the additional line where the signals are to be recorded.</p> <p>[625i system] [525i system]</p> <p>0000 7L 0000 10L</p> <p>: : : :</p> <p>0015 22L 0012 22L</p> <p>0016 320L 0013 263L</p> <p>: : 0014 273L</p> <p>0031 335L : :</p> <p>0032 623L 0025 284L</p> <p>0026 525L</p>

No./Item	Description
Sub-screen	
01 REC LINE2	<p>For selecting the additional line where the signals are to be recorded.</p> <p>[625i system] [525i system]</p> <p>0000 7L 0000 10L</p> <p>: : : :</p> <p>0015 22L 0012 22L</p> <p>0016 320L 0013 263L</p> <p>: : 0014 273L</p> <p>0018 322L : :</p> <p>: : 0016 275L</p> <p>0031 335L : :</p> <p>0032 623L 0025 284L</p> <p>0026 525L</p> <p><Note></p> <p>This menu item is not displayed when additional line mode setting "1" through "5" has been selected.</p>

The underlined items indicates the initial setting.

Setup menus (continued)

USER menu <V BLANK>

No./Item	Description
801	<p>For selecting the mode for recording signals on additional lines.</p> <p>ADD LINE 50</p> <p>0000 OFF: No signals are recorded on additional lines.</p> <p>0001 <u>YC422</u>: The 422 mode signals are recorded on 2 lines.</p> <p>0002 Y4_B/W: Only the Y signal is recorded on 4 lines directly.</p> <p>0003 Y4_BPF: Only the Y signal is recorded on 4 lines after it has been separated from the C signal.</p> <p>0004 C4: Only the C signal is recorded on 4 lines.</p> <p><Notes></p> <ul style="list-style-type: none"> 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	<p>For selecting the additional line where the signals are to be recorded.</p> <p>[625i system] [525i system]</p> <p>0000 7L 0000 10L</p> <p>: : : :</p> <p>0015 22L 0012 22L</p> <p>0016 320L 0013 263L</p> <p>: : 0014 273L</p> <p>0031 335L : :</p> <p>0032 <u>623L</u> 0025 284L</p> <p>0026 525L</p>
01 REC LINE2	<p>For selecting the additional line where the signals are to be recorded.</p> <p>[625i system] [525i system]</p> <p>0000 7L 0000 10L</p> <p>: : : :</p> <p>0015 22L 0012 22L</p> <p>0016 320L 0013 263L</p> <p>: : 0014 273L</p> <p>0018 <u>322L</u> : :</p> <p>: : 0016 275L</p> <p>0031 335L : :</p> <p>0032 623L 0025 284L</p> <p>0026 525L</p>

No./Item	Description
Sub-screen	
02 REC LINE3	<p>For selecting the additional line where the signals are to be recorded.</p> <p>[625i system] [525i system]</p> <p>0000 7L 0000 10L</p> <p>: : : :</p> <p>0003 <u>10L</u> 0003 <u>13L</u></p> <p>: : : :</p> <p>0015 22L 0012 22L</p> <p>0016 320L 0013 263L</p> <p>: : 0014 273L</p> <p>0031 335L : :</p> <p>0032 623L 0025 284L</p> <p>0026 525L</p> <p><Note></p> <p>This menu item is not displayed when setting "1" has been selected as the additional line mode.</p>
03 REC LINE4	<p>For selecting the additional line where the signals are to be recorded.</p> <p>[625i system] [525i system]</p> <p>0000 7L 0000 10L</p> <p>: : : :</p> <p>0015 22L 0012 22L</p> <p>0016 320L 0013 263L</p> <p>: : 0014 273L</p> <p>0019 <u>323L</u> : :</p> <p>: : 0017 276L</p> <p>0031 335L : :</p> <p>0032 623L 0025 284L</p> <p>0026 525L</p> <p><Note></p> <p>This menu item is not displayed when setting "1" has been selected as the additional line mode.</p>
802	<p>For selecting the type of teletext signals to be recorded.</p> <p>TELETEXT SEL</p> <p>0000 MOJI: MOJI system</p> <p>0001 <u>NABTS</u>: NABTS system</p> <p><Notes></p> <ul style="list-style-type: none"> This setup menu is not displayed in the 625i system. VITC signals are often mistakenly detected as teletext signals when the NABTS system has been selected. <p>If this happens, select MANU as the setting for setup menu No. 803 (TELETEXT DET), then select the line for teletext signals.</p>

The underlined items indicates the initial setting.

Setup menus (continued)

USER menu <V BLANK>

No./Item	Description
803 TELETEXT DET	<p>For selecting the method used to detect the lines in which the teletext signals are to be recorded.</p> <p><u>0000</u> OFF: The teletext signals are not recorded.</p> <p>0001 AUTO: The teletext signals are automatically detected and recorded.</p> <p>0002 MANU: The lines in which the teletext signals are to be recorded are selected and set.</p> <p><Notes></p> <ul style="list-style-type: none"> 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/NONSTD) setting, teletext signals will not be played back correctly in EE mode.
Sub-screen	
[625i system] 00 REC LINE1 : 14 REC LINE15	<p>For selecting the lines in which the teletext signals are to be recorded.</p> <p>[625i system] [525i system] <u>0000</u> OFF 0000 OFF 0001 7&320 0001 10&273 0002 8&321 0002 11&274 0003 9&322 0003 12&275 0004 10&323 0004 13&276 0005 11&324 0005 14&277 0006 12&325 0006 15&278 0007 13&326 0007 16&279 0008 14&327 0008 17&280 0009 15&328 0009 18&281 0010 16&329 0010 19&282 0011 17&330 0011 20&283 0012 18&331 0012 21&284 0013 19&332 0013 22 0014 20&333 0015 21&334 0016 22</p>
[525i system] 00 REC LINE1 : 12 REC LINE13	<p>[525i system] <u>0000</u> OFF 0000 OFF 0001 10&273 0001 11&274 0002 11&274 0002 12&275 0003 12&275 0003 13&276 0004 13&276 0004 14&277 0005 14&277 0005 15&278 0006 15&278 0006 16&279 0007 16&279 0007 17&280 0008 17&280 0008 18&281 0009 18&281 0009 19&282 0010 19&282 0010 20&283 0011 20&283 0011 21&284 0012 21&284 0012 22 0013 22</p>

No./Item	Description
804 BLANK LINE	<p>This turns the blanking ON or OFF in the vertical blanking period of the video output signals.</p> <p><u>0000</u> BLANK: Blanking is effected forcibly for all lines.</p> <p>0001 THRU: No blanking is effected for any of the lines.</p> <p>0002 MANU: Blanking ON or OFF is selected for each line.</p> <p><Note> When setting "MANU" is selected and the STOP button is pressed, operation transfers to the sub-screen, and ON or OFF can be selected for each line. To return from the sub-screen, press the STOP button again.</p>
Sub-screen	
[625i system] 00 LINE 7&320 : 15 LINE 22&335	<p><u>0000</u> BLANK : Blanking is forcibly effected. 0001 THRU : No blanking is effected.</p>
[525i system] 00 LINE 10&273 : 11 LINE 21&284	

Number of lines which can be set for TELETEXT

The number of lines differs, depending on whether ON or OFF has been selected for the setup menu item No. 660 (UMID REC) setting.

- When 25 Mbps is the recording/playback format.

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

- When 50 Mbps is the recording/playback format.

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

The underlined items indicates the initial setting.

Setup menus (continued)

USER menu <LCD>

No./Item	Description
900 LCD PROTECT	<p>This sets the LCD monitor's saving function (see page 11).</p> <p>0000 OFF : The saving function is not established.</p> <p>0001 ON : The saving function is established.</p>
901 BL BRIGHT	<p>This sets the brightness of the LCD monitor's backlight.</p> <p>0000 NORMAL : The backlight lights at the normal brightness.</p> <p>0001 HIGH : The backlight lights more brightly than normal.</p>

USER menu <MENU>

No./Item	Description
A00 LOAD	<p>This selects the user file whose contents will be loaded into USER1.</p> <p>0000 USER2 : The USER2 file contents are loaded.</p> <p>0001 USER3 : The USER3 file contents are loaded.</p> <p>0002 USER4 : The USER4 file contents are loaded.</p> <p>0003 USER5 : The USER5 file contents are loaded.</p> <p><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.</p>
A01 SAVE	<p>This selects the user file into which the USER1 settings will be saved.</p> <p>0000 USER2 : The settings are saved in USER2.</p> <p>0001 USER3 : The settings are saved in USER3.</p> <p>0002 USER4 : The settings are saved in USER4.</p> <p>0003 USER5 : The settings are saved in USER5.</p> <p>0004 LOCKED : This display appears when all the user files are in the change prohibit status.</p> <p><Notes></p> <ul style="list-style-type: none"> ● 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	<p>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.</p> <p>0000 OFF : Operation is started with the settings of the previously set user file.</p> <p>0001 USER2 : The contents of USER2 are loaded into USER1 and operation is started with the USER1 settings.</p> <p>0002 USER3 : The contents of USER3 are loaded into USER1 and operation is started with the USER1 settings.</p> <p>0003 USER4 : The contents of USER4 are loaded into USER1 and operation is started with the USER1 settings.</p> <p>0004 USER5 : The contents of USER5 are loaded into USER1 and operation is started with the USER1 settings.</p>
A03 MENU LOCK	<p>This selects whether to set or release the user file (USER2 – USER5) lock mode.</p> <p>0000 OFF : The lock is released (changes can be made).</p> <p>0001 ON : The lock is set (changes are prohibited).</p> <p><Note> The lock cannot be set for USER1.</p>
A04 PF1 ASSIGN	<p>This registers the setup menu item in PF1 (CH1 button of INSERT button).</p>
A05 PF2 ASSIGN	<p>This registers the setup menu item in PF2 (CH2 button of INSERT button).</p>
A06 PF3 ASSIGN	<p>This registers the setup menu item in PF3 (CH3 button of INSERT button).</p>
A07 PF4 ASSIGN	<p>This registers the setup menu item in PF4 (CH4 button of INSERT button).</p>

<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.