

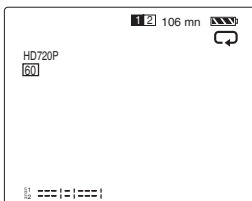
# ***Panasonic Broadcast***

## ***AG-HPG10*** ***Menu Information***

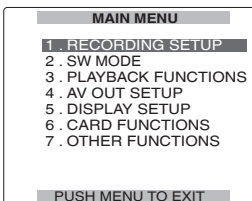
# Basic operations on the setting menus

**1** Hold down [POWER] for at least 2 seconds to turn the power on.

**2** Press [MODE] to switch to the thumbnail display off screen.

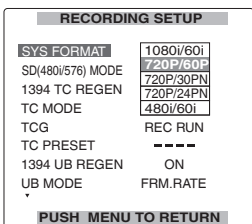


**3** Press [MENU] to display the menu.  
Example:

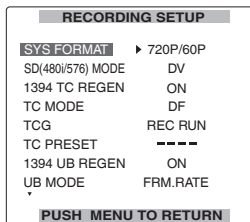


**4** Using [STOP] and [PLAY], move the highlighting to the function to be set.

**5** Press [STILL] to display the setting item.  
Example:



**6** Using [STOP] and [PLAY], move to the item to be set.



**7** Press [STILL] to set the item.

To change a numerical value, etc., use [FF] and [REW] to change the setting.

**8** To change other items, repeat steps 6 and 7.  
To exit the settings, press [MENU] and return to the thumbnail display off screen.

**9** To change another function, repeat steps 4 to 7.  
To exit the settings, press [MENU] and return to the thumbnail display off screen.

## Initializing the setting menu

You can return (initialize) the setting menu user files to the factory status.

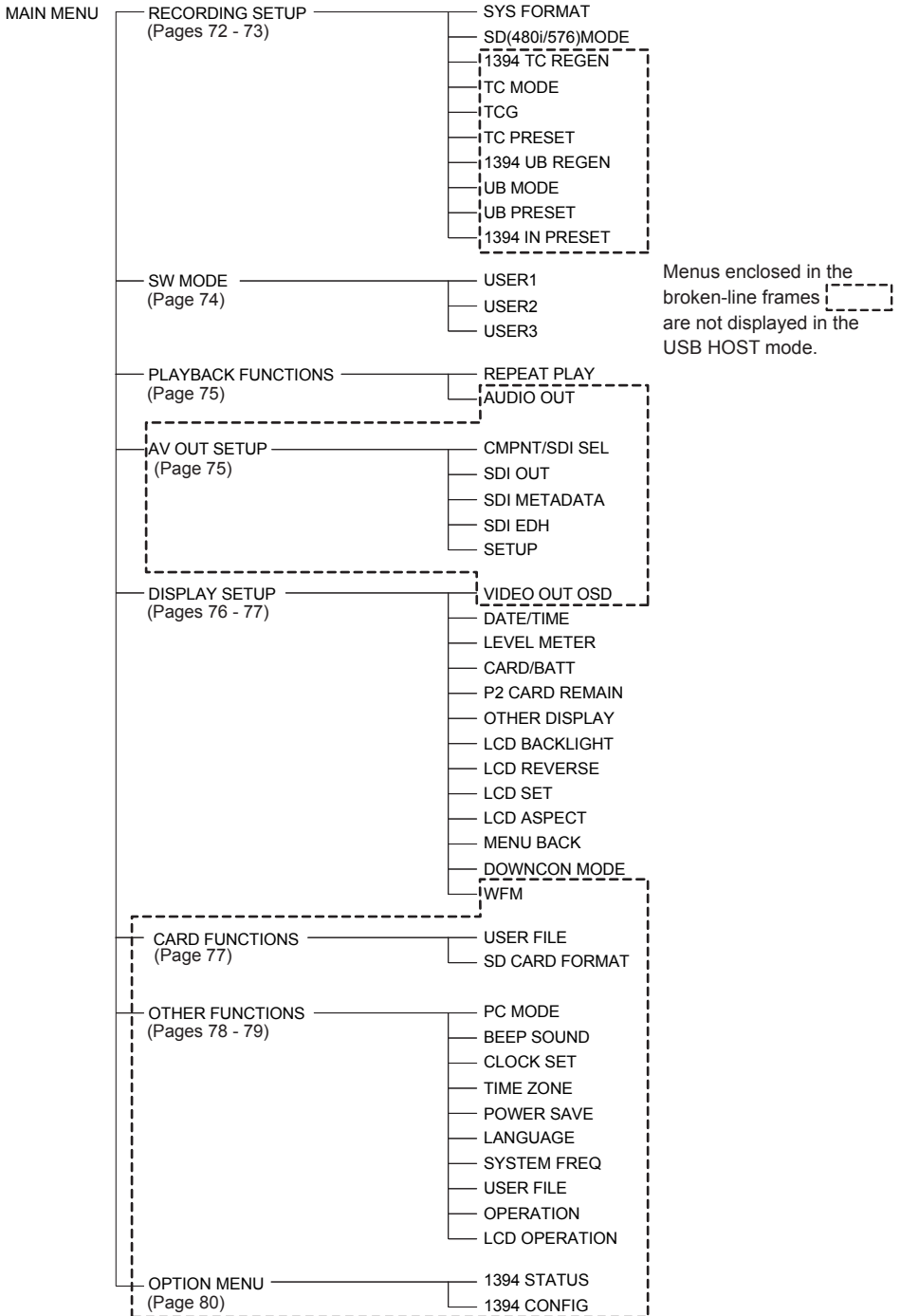
**1** Switch the display to the thumbnail display off screen.

**2** Press [MENU].

**3** Using [STOP], [PLAY] and [STILL], select "OTHER FUNCTIONS" – "USER FILE" – "INITIAL".

**4** Press [STILL].  
The menu settings of the user files currently being used are returned to the factory status.

# Setting menu configuration



# List of setting menus

## RECORDING SETUP screen

When the settings are changed using the "SYSTEM FREQ" item (page 79) on the "OTHER FUNCTIONS" screen, whatever has been set on the "RECORDING SETUP" screen will be changed to the initial setting.

Item	Description of settings
<b>SYS FORMAT</b>	This is used to set the 1394 input recording format and playback format. (60 Hz) <u>1080/60i</u> , <u>720/60P</u> , <u>720/30PN</u> , <u>720/24PN</u> , <u>480/60i</u> (50 Hz) <u>1080/50i</u> , <u>720/50P</u> , <u>720/25PN</u> , <u>576/50i</u>
<b>SD(480i/576) MODE</b>	This is used to set the 1394 input recording video compression format and playback format. <u>DVCPRO50</u> , <u>DVCPRO</u> , <u>DV</u>
<b>1394 TC REGEN</b>	This is used to select the time code to be recorded when recording signals from a device which is connected to the 1394 connector. <b>ON:</b> The data is recorded using the time code of the signals supplied to the 1394 connector. <b>OFF:</b> The data is recorded using the time code set using the TC MODE item or TCG item.
<b>TC MODE (60 Hz regions only)</b>	This is used to select the time code compensation mode when recording the time codes of the internal time code generator. <b>DF:</b> The drop frame mode is used. <b>NDF:</b> The non-drop frame mode is used.
<b>TCG</b>	This is used to set the operation mode for running the time code of the internal time code generator. <b>FREE RUN:</b> The time code runs no matter what operating mode is established. <b>REC RUN:</b> The time code runs only during recording.
<b>TC PRESET</b>	This is used to set the initial value of the time code to be recorded.
<b>1394 UB REGEN</b>	This is used to set the recording of the user's bit when recording input signals from a device which is connected to the 1394 connector. <b>ON:</b> The signals are recorded using the user's bit of the signals supplied to the 1394 connector. <b>OFF:</b> The signals are recorded using the user's bit selected by the UM MODE item. When this item has been set to ON, it takes priority over the UB MODE item.

\_\_\_\_ The underlined settings are the factory mode settings.

## RECORDING SETUP screen (continued)

Item	Description of settings
<b>UB MODE</b>	<p>This is used to set what is to be recorded as the user's bit.</p> <p><b>USER:</b> The user information is recorded.</p> <p><b>TIME:</b> The time of the recording is recorded.</p> <p><b>DATE:</b> The date/time of the recording are recorded.</p> <p><b>TCG:</b> The value generated by the time code generator is recorded.</p> <p><b>FRM. RATE:</b> The information of the frame rate after frame conversion is recorded.</p> <div style="text-align: center;"> <pre> * * 0 * * * * *                   a   b   c   d           </pre> </div> <p>a: Information on the verification of the user's bit value</p> <p><b>b: Frame sequence number</b> • "F" is displayed in the 60i/30P mode.</p> <p><b>c: Frame rate information</b></p> <ul style="list-style-type: none"> <li>• Frame rate (60, 30 or 24)</li> <li>• I/P identification information</li> <li>• Conversion information</li> <li>• Frame rate factor</li> </ul> <p><b>d: Recording control information</b></p> <ul style="list-style-type: none"> <li>• Update frame information</li> <li>• REC START/STOP information</li> </ul> <p>Note</p> <p><b>When playing back native recorded clips</b> To set the 1394 output user's bit as the frame rate information, select FRM. RATE for this setting, and play back the clips. If this is the case, the user's bit displayed on the screen will also be changed to the frame rate information.</p>
<b>UB PRESET</b>	<p>This is used to set the user's bit. However, USER must be selected as the UB MODE item setting.</p>
<b>1394 IN PRESET</b>	<p>When [RESET/TC SET] is pressed, the value generated by the internal time code generator is synchronized with the 1394 input time code.</p> <p><b>ON:</b> The 1394 input synchronization setting mode is established.</p> <p><b>OFF:</b> The 1394 input synchronization setting mode is released.</p>

\_\_\_ The underlined settings are the factory mode settings.

## List of setting menus (continued)

### SW MODE screen

Item	Description of settings
<b>USER1</b>	<p>This is used to set which function is to be assigned to the USER1 button.</p> <p><b><u>SYS FORMAT:</u></b> System format (page 72)</p> <p><b>SD MODE :</b> SD mode (page 72)</p> <p><b>SHOT MARK :</b> A shot mark is recorded on the clip. (Page 39)</p> <p><b>TEXT MEMO :</b> A text memo is recorded. (Page 38)</p> <p><b>LCD BL :</b> LCD backlight (page 76)</p> <p><b>V OUT OSD :</b> Video output on-screen display (page 76)</p> <p><b>AUDIO OUT :</b> Audio output (page 75)</p> <p><b>SLOT SEL :</b> P2 card slot selection (page 49)</p> <p><b>LCD RVS :</b> LCD reverse (page 76)</p> <p><b>WFM :</b> Waveform monitor (page 49)</p>
<b>USER2</b>	<p>This is used to set which function is to be assigned to the USER2 button. The settings of this item are the same as the USER1 item settings.</p> <p><b><u>SHOT MARK</u></b></p>
<b>USER3</b>	<p>This is used to set which function is to be assigned to the USER3 button. The settings of this item are the same as the USER1 item settings.</p> <p><b><u>TEXT MEMO</u></b></p>

\_\_\_\_ The underlined settings are the factory mode settings.

## PLAYBACK FUNCTIONS screen

Item	Description of settings
<b>REPEAT PLAY</b>	This is used to set repeat playback.(Page 43) <b>ON:</b> Playback is repeated. <b>OFF:</b> Playback is not repeated.
<b>AUDIO OUT</b>	This is used to set the audio signals to be output from the AUDIO OUT connectors (pin jacks) during playback. <b>CH1 · CH2:</b> CH1 connector = CH1 signal, CH2 connector = CH2 signal, <b>CH1:</b> CH1 connector = CH1 signal, CH2 connector = CH1 signal, <b>CH2:</b> CH1 connector = CH2 signal, CH2 connector = CH2 signal, <b>CH3 · CH4:</b> CH1 connector = CH3 signal, CH2 connector = CH4 signal, <b>CH3:</b> CH1 connector = CH3 signal, CH2 connector = CH3 signal, <b>CH4:</b> CH1 connector = CH4 signal, CH2 connector = CH4 signal,

## AV OUT SETUP screen

Item	Description of settings
<b>COMPNT/SDI SEL</b>	This is used to set the format when D connector signals and HD/SD-SDI signals are output. (60 Hz regions) <b>AUTO:</b> Operation reflects the setting selected for the SYS FORMAT item on the RECORDING SETUP screen. <b>1080i, 480i</b> (50 Hz regions) <b>AUTO:</b> Operation reflects the setting selected for the SYS FORMAT item on the RECORDING SETUP screen. <b>1080i, 576i</b>
<b>SDI OUT</b>	This is used to set the SDI output. <b>ON:</b> SDI signals are output. <b>OFF:</b> SDI signals are not output.
<b>SDI METADATA</b>	This is used to set whether to superimpose the meta-data when HD-SDI signals are output. <b>ON:</b> The meta-data is superimposed. <b>OFF:</b> The meta-data is not superimposed.
<b>SDI EDH</b>	This is used to set whether to superimpose error detection handling (EDH) when SD-SDI signals are output. <b>ON:</b> EDH is superimposed. <b>OFF:</b> EDH is not superimposed.
<b>SETUP (60 Hz regions only)</b>	The setup level of the video signals during playback is set. <b>0%:</b> 0% is set as the output setup level. <b><u>7.5%A:</u></b> 7.5%A is set as the output setup level.

\_\_\_ The underlined settings are the factory mode settings.

## List of setting menus (continued)

### DISPLAY SETUP screen

Item	Description of settings
<b>VIDEO OUT OSD</b>	When ON is selected as this item's setting, the information displayed on the LCD monitor is output as a video output signal together with the video signals. (Component output signals, VIDEO output signals, SDI output signals) <b>ON, OFF</b>
<b>DATA/TIME</b>	This is used to select the setting for displaying the date and time on the LCD monitor and video output signals. <b>OFF:</b> The date and time are not displayed. <b>TIME:</b> The time is displayed. <b>DATE:</b> The date is displayed. <b>TIME&amp;DATE:</b> The date and time are displayed.
<b>LEVEL METER</b>	This is used to set the audio level meter display to ON or OFF. <b>ON, OFF</b>
<b>CARD/BATT</b>	This is used to set the amount of memory remaining on the card and charge level remaining in the battery to ON or OFF. <b>ON, OFF</b>
<b>P2 CARD REMAIN</b>	This is used to set how the amount of memory remaining on the P2 card is to be calculated. <b>ONE-CARD:</b> The amount of memory remaining on the P2 card in the selected slot is calculated. <b>TOTAL:</b> The amount of memory remaining on the P2 cards in both slots is calculated.
<b>OTHER DISPLAY</b>	This is used to set the amount of information to be displayed on the LCD monitor. (Page 73) <b>OFF, PARTIAL, ALL</b>
<b>LCD BACKLIGHT</b>	This is used to adjust the backlight of the LCD monitor. The backlight becomes brighter than usual when HIGH is selected. <b>HIGH, NORMAL</b>
<b>LCD SET</b>	This is used to adjust the display level of the images on the LCD monitor. (Page 22) <b>LCD COLOR LEVEL</b> <b>LCD BRIGHTNESS</b> <b>LCD CONTRAST</b>
<b>LCD REVERSE</b>	This is used to set the function for reversing the top/bottom and left/right of the images displayed on the LCD monitor. <b>NORM:</b> The images are displayed normally. <b>REVERSE:</b> The images are displayed with their top/bottom and left/right reversed. • The direction in which the menu highlighting moves and the direction of the cursor movement on the thumbnail display screen cannot be reversed in either the up/down or left/right direction.
<b>DOWNCON MODE</b>	This is used to set the down-converter output signal mode. <b>SIDE CROP, LETTER-BOX, SQUEEZE</b>

\_\_\_\_ The underlined settings are the factory mode settings.

## DISPLAY SETUP screen (continued)

Item	Description of settings
<b>LCD ASPECT</b>	<p>This is used to select the aspect ratio for the LCD monitor.</p> <p><b><u>AUTO:</u></b> The aspect ratio is automatically selected based on the recording mode, playback mode and other information.</p> <p><b><u>4:3:</u></b> The aspect ratio is fixed at 4:3.</p> <p>Note When images are displayed with the 16:9 aspect ratio, black bands appear at the top and bottom of the screen. No parts of the images are missing.</p>
<b>MENU BACK</b>	<p><b>This is used to reduce the transmittance of the background behind the menu display screen so that the menu characters can be seen more easily.</b></p> <p><b><u>ON:</u></b> The background transmittance is reduced.</p> <ul style="list-style-type: none"><li>• This transmittance is not reduced while the LCD SET item on the DISPLAY SETUP screen is being set.</li></ul> <p><b><u>OFF:</u></b> The background transmittance is 100%.</p>
<b>WFM</b>	<p>This is used to select what is to be displayed on the waveform monitor.</p> <p><b><u>OFF:</u></b> No display</p> <p><b><u>WAVE:</u></b> Waveforms are displayed.</p> <p><b><u>VECTOR:</u></b> Vectors are displayed.</p>

## CARD FUNCTIONS screen

Item	Description of settings
<b>USER FILE</b>	Up to four sets of menu item settings can be saved on the SD memory card. Titles can be given to the files which have been saved.
<b>SD CARD FORMAT</b>	This is used to format SD memory cards.

\_\_\_ The underlined settings are the factory mode settings.

## List of setting menus (continued)

### OTHER FUNCTIONS screen

Item	Description of settings																																																																																																												
<b>PC MODE</b>	<p>This is used to select the connectors and mode to be used for data transfer. (The USB and 1394 connectors cannot be used at the same time.)</p> <p><b>USB DEVICE:</b> File transfer mode using the USB connector</p> <p><b>USB HOST:</b> In this mode, files are copied on an external hard disk from the P2 card using the USB connector.</p> <p><b>1394 DEVICE:</b> File transfer mode using the 1394 connector</p> <p><b>1394 HOST:</b> In this mode, files are copied on an external hard disk from the P2 card using the 1394 connector.</p>																																																																																																												
<b>BEEP SOUND</b>	<p>This is used to set the beep sound to ON or OFF.</p> <p><b>ON, OFF</b></p>																																																																																																												
<b>CLOCK SET</b>	This is used to set the unit's internal calendar.																																																																																																												
<b>TIME ZONE</b>	<p>The time is set in 30-minute increments from 12:00 hours behind GMT to 13:00 hours ahead of GMT (a setting of 12:45 hours ahead is also available). (Refer to the table below.)</p> <p><b>+9:00</b></p> <table border="1"> <thead> <tr> <th>Time difference (from GMT)</th> <th>Region (city)</th> <th>Time difference (from GMT)</th> <th>Region (city)</th> </tr> </thead> <tbody> <tr> <td>00:00</td> <td>Greenwich</td> <td>- 00:30</td> <td></td> </tr> <tr> <td>- 01:00</td> <td>Azores</td> <td>- 01:30</td> <td></td> </tr> <tr> <td>- 02:00</td> <td>Central Atlantic</td> <td>- 02:30</td> <td></td> </tr> <tr> <td>- 03:00</td> <td>Buenos Aires</td> <td>- 03:30</td> <td>Newfoundland</td> </tr> <tr> <td>- 04:00</td> <td>Halifax (Nova Scotia)</td> <td>- 04:30</td> <td></td> </tr> <tr> <td>- 05:00</td> <td>New York</td> <td>- 05:30</td> <td></td> </tr> <tr> <td>- 06:00</td> <td>Chicago</td> <td>- 06:30</td> <td></td> </tr> <tr> <td>- 07:00</td> <td>Denver</td> <td>- 07:30</td> <td></td> </tr> <tr> <td>- 08:00</td> <td>Los Angeles</td> <td>- 08:30</td> <td></td> </tr> <tr> <td>- 09:00</td> <td>Alaska</td> <td>- 09:30</td> <td>Marquesas Islands</td> </tr> <tr> <td>- 10:00</td> <td>Hawaii</td> <td>- 10:30</td> <td></td> </tr> <tr> <td>- 11:00</td> <td>Midway Islands</td> <td>- 11:30</td> <td></td> </tr> <tr> <td>- 12:00</td> <td>Kwajalein Atoll</td> <td>+ 11:30</td> <td>Norfolk Islands</td> </tr> <tr> <td>+ 13:00</td> <td></td> <td>+ 10:30</td> <td>Lord Howe Island</td> </tr> <tr> <td>+ 12:00</td> <td>New Zealand</td> <td>+ 09:30</td> <td>Darwin Islands</td> </tr> <tr> <td>+ 11:00</td> <td>Solomon Islands</td> <td>+ 08:30</td> <td></td> </tr> <tr> <td>+ 10:00</td> <td>Guam</td> <td>+ 07:30</td> <td></td> </tr> <tr> <td>+ 09:00</td> <td>Tokyo</td> <td>+ 06:30</td> <td>Rangoon</td> </tr> <tr> <td>+ 08:00</td> <td>Beijing</td> <td>+ 05:30</td> <td>Mumbai (Bombay)</td> </tr> <tr> <td>+ 07:00</td> <td>Bangkok</td> <td>+ 04:30</td> <td>Kabul</td> </tr> <tr> <td>+ 06:00</td> <td>Dhaka</td> <td>+ 03:30</td> <td>Teheran</td> </tr> <tr> <td>+ 05:00</td> <td>Islamabad</td> <td>+ 02:30</td> <td></td> </tr> <tr> <td>+ 04:00</td> <td>Abu Dhabi</td> <td>+ 01:30</td> <td></td> </tr> <tr> <td>+ 03:00</td> <td>Moscow</td> <td>+ 00:30</td> <td></td> </tr> <tr> <td>+ 02:00</td> <td>Eastern Europe</td> <td>+ 12:45</td> <td>Chatham Islands</td> </tr> <tr> <td>+ 01:00</td> <td>Central Europe</td> <td></td> <td></td> </tr> </tbody> </table>	Time difference (from GMT)	Region (city)	Time difference (from GMT)	Region (city)	00:00	Greenwich	- 00:30		- 01:00	Azores	- 01:30		- 02:00	Central Atlantic	- 02:30		- 03:00	Buenos Aires	- 03:30	Newfoundland	- 04:00	Halifax (Nova Scotia)	- 04:30		- 05:00	New York	- 05:30		- 06:00	Chicago	- 06:30		- 07:00	Denver	- 07:30		- 08:00	Los Angeles	- 08:30		- 09:00	Alaska	- 09:30	Marquesas Islands	- 10:00	Hawaii	- 10:30		- 11:00	Midway Islands	- 11:30		- 12:00	Kwajalein Atoll	+ 11:30	Norfolk Islands	+ 13:00		+ 10:30	Lord Howe Island	+ 12:00	New Zealand	+ 09:30	Darwin Islands	+ 11:00	Solomon Islands	+ 08:30		+ 10:00	Guam	+ 07:30		+ 09:00	Tokyo	+ 06:30	Rangoon	+ 08:00	Beijing	+ 05:30	Mumbai (Bombay)	+ 07:00	Bangkok	+ 04:30	Kabul	+ 06:00	Dhaka	+ 03:30	Teheran	+ 05:00	Islamabad	+ 02:30		+ 04:00	Abu Dhabi	+ 01:30		+ 03:00	Moscow	+ 00:30		+ 02:00	Eastern Europe	+ 12:45	Chatham Islands	+ 01:00	Central Europe		
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\_\_\_ The underlined settings are the factory mode settings.

## OTHER FUNCTIONS screen (continued)

Item	Description of settings
<b>POWER SAVE</b>	<p>This is used to select the power-saving mode which is to be established when none of the function keys or buttons have been operated for 5 or so minutes.</p> <p><b>ON:</b> The unit's power is turned off.</p> <p><b>OFF:</b> The unit remains in the stop mode without turning off its power.</p> <ul style="list-style-type: none"> <li>• While the unit is connected by an IEEE1394 cable or USB cable to an external device and communicating with it, the power will not be turned off even if the function keys or buttons have not been operated for the prescribed period of time.</li> <li>• Even when ON is selected as this item's setting, the power will not be turned off during playback (PLAY, CUE (rapid forward), REV (rapid reverse), FF, REW or STILL) or during recording.</li> </ul>
<b>LANGUAGE</b>	<p>This is used to set the language in which the menu is to be displayed.</p> <p><b>ENGLISH:</b> English <b>JAPANESE:</b> Japanese <b>CHINESE:</b> Chinese</p>
<b>SYSTEM FREQ</b>	<p>This is used to set the system frequency in line with NTSC or PAL.</p> <p><b>59.9 Hz, 50 Hz</b></p>
<b>USER FILE</b>	<p><b>LOAD:</b> The settings of the user files last saved are loaded.</p> <p><b>SAVE:</b> The settings of the user files which have been changed are stored.</p> <p><b>INITIAL:</b> The user file settings are returned to the factory settings. In order for the settings to take effect after loading or initializing, turn off the unit's power and turn it back on.</p> <ul style="list-style-type: none"> <li>• Even when initializing has been performed, the TIME ZONE item (page 80) will remain unchanged.</li> </ul>
<b>OPERATION</b>	<p>This is used to display the power-on time (using 5 digits).</p>
<b>LCD OPERATION</b>	<p>This is used to display the power-on time (using 5 digits) for the backlight of the LCD monitor.</p>

\_\_\_ The underlined settings are the factory mode settings.

## List of setting menus (continued)

### OPTION MENU screen

This screen appears when [MENU] are pressed while [STOP] is held down on the thumbnail display off screen.

Item	Description of settings
<b>1394 STATUS</b>	The 1394 status display sub-screen is displayed. <b>FORMAT:</b> Format of the input or output signals <b>RATE:</b> Transfer rate of the input or output signals <b>60/50:</b> System of input or output signals <b>CH:</b> Value of the channels whose signals are input or output <b>SPEED:</b> Transfer speed of the input or output signals <b>STATUS:</b> Status of the signals which are input or output by the IEEE1394 digital interface <b>VIDEO:</b> Status of the input or output video signals <b>AUDIO:</b> Status of the input or output audio signals
<b>1394 CONFIG</b>	The 1394 expansion menu is displayed. <b><u>DFLT:</u></b> For normal operation, keep this setting. <b>1-255</b>

\_\_\_\_ The underlined settings are the factory mode settings.