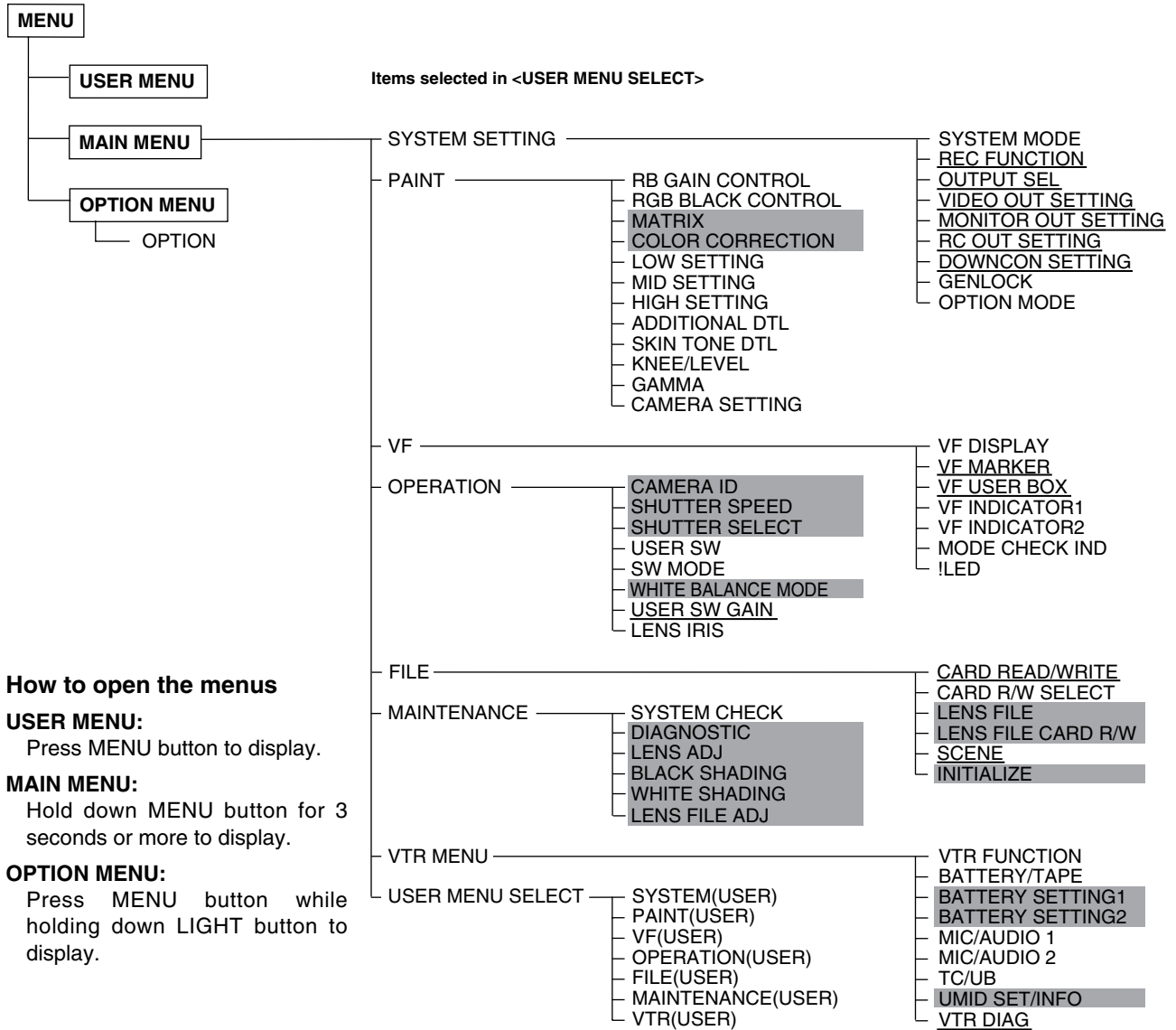


# ***Panasonic Broadcast***

## ***AJ-HDX900*** ***Menu Information***

# Chapter 7 Menu description tables

## 7-1 Menu configuration



### How to open the menus

#### USER MENU:

Press MENU button to display.

#### MAIN MENU:

Hold down MENU button for 3 seconds or more to display.

#### OPTION MENU:

Press MENU button while holding down LIGHT button to display.

### <Notes>

- There is a total of 42 camera-related items on three pages (14 items per page) and 14 VTR-related items on one page which can be set.
- The items with the shading cannot be selected using <USER MENU SELECT>.
- The items with the underlining can be selected only using <USER MENU SELECT> on condition that all the items (equivalent to the number of items on one page) are selected together. Individual items cannot be selected.

### How to interpret the menu lists

The following abbreviations indicate whether the menu changes are stored (written) in the corresponding data or loaded (read) from the data. The changes cannot be stored or loaded when “/” is indicated.

**S:** The changes can be stored or loaded as scene file data.  
**C:** The changes can be stored or loaded using CARD READ/WRITE. Refer to sections “7-6-4 SCENE” and “7-6-5 INITIALIZE.”  
**U:** The changes can be stored or loaded as user data. Refer to section “7-6-5 INITIALIZE.”  
**F:** The changes can be stored or loaded as READ FACTORY DATA. Refer to section “7-6-5 INITIALIZE.”  
**R:** The changes can be stored or loaded using RC DATA SAVE. Refer to section “5-10 Connection of the remote control unit (AJ-RC10G).”

Item	Variable range	Remarks
SYSTEM MODE	1080-50i 1080-59.94i 720-50P 720-59.94P	For setting the system frequency and the recording format of the unit. When this item is switched, turn “OFF” the POWER switch on the unit and then turn it “ON” again.
C U F		

This column indicates the variable range in which the item can be set and the choice of the settings which can be selected for the item.

Described in this column are the operations which can be expected to result when the item’s settings are selected.

# Chapter 7 Menu description tables (continued)

## 7-2 SYSTEM SETTING

### 7-2-1 SYSTEM MODE

Item	Variable range	Remarks
SYSTEM MODE For AJ-HDX900E For AJ-HDX900P	<u>1080-50i</u> <u>1080-59.94i</u> 720-50P 720-59.94P	For setting the system frequency and the recording format of the unit. When this item is switched, turn "OFF" the POWER switch on the unit and then turn it "ON" again. <ul style="list-style-type: none"> <li>When the remote control unit (AJ-RC10G) is connected, this item is not displayed.</li> <li>To switch this item, operate the main unit independently.</li> </ul>
<u>C</u> <u>U</u> <u>F</u> <u>R</u>		
CAMERA MODE For AJ-HDX900E  For AJ-HDX900P	(1080-50i) <u>50i</u> 25P (1080-59.94i) <u>60i</u> 30P 24P 24PA (720-50P) 50P 25P (720-59.94P) 60P 30P 24P	For setting the video system for shooting.
<u>C</u> <u>U</u> <u>F</u> <u>R</u>		

#### <Note>

If the SYSTEM MODE item is changed while the time code is advanced in the free-run mode (the TCG switch is set to the F-RUN position.), the time code may not record properly. When the SYTEM MODE item is changed and the power of the unit is turned on again, check the time code and set it again if necessary.

### 7-2-2 REC FUNCTION

Item	Variable range	Remarks
INTERVAL REC MODE	ON ONE SHOT <u>OFF</u>	For setting the INTERVAL REC function. <b>ON:</b> For executing the interval recording. It is possible to record in intervals in increments of one frame. <b>ONE SHOT:</b> Recording is performed only once for the time set in the REC TIME item, after which it stops. <b>OFF:</b> Interval recording is not performed. For details, refer to "3-5 Recording in intervals (INTERVAL REC function)."
<u>C</u> <u>U</u> <u>F</u> <u>R</u>		
INTERVAL REC HOLD	ON <u>OFF</u>	For setting whether the settings in the INTERVAL REC MODE item are retained or released, when the power is turned OFF. <b>ON:</b> For retaining the settings in the INTERVAL REC MODE item. <b>OFF:</b> For releasing the settings in the INTERVAL REC MODE item.
<u>C</u> <u>U</u> <u>F</u> <u>R</u>		

Item	Variable range	Remarks
REC TIME For 59.94 Hz	<u>00s01f</u> : 59s29f	For setting the recording time (one cut). When the CAMERA MODE item is set to 24P or 24PA, the value is set in increments of 5 frames.
For 50 Hz	<u>00s01f</u> : 59s24f	
<u>C</u> <u>U</u> <u>F</u> <u>R</u>		
PAUSE TIME For 59.94 Hz	<u>00h00m00s01f</u> : <u>00h04m59s29f</u> : 23h59m59s29f	For setting the recording pause time. When the CAMERA MODE item is set to 24P or 24PA, the value is set in increments of 5 frames.
For 50 Hz	<u>00h00m00s01f</u> : <u>00h04m59s24f</u> : 23h59m59s24f	
<u>C</u> <u>U</u> <u>F</u> <u>R</u>		
TAKE TOTAL TIME	<u>NONE</u> : 5day	For setting the time required for shooting. Select a setting from NONE (shooting continues until it is stopped manually) to 5DAY (5 days).
<u>C</u> <u>U</u> <u>F</u> <u>R</u>		
TOTAL REC TIME	<u>00m00s01f</u> : 99m59s29f OVER 100min <u>NONE</u>	For displaying the total recording time. The setting for this time cannot be changed. The total time yielded by adding the REC TIME, PAUSE TIME and TOTAL TAKE TIME is displayed. <ul style="list-style-type: none"> <li>This indication is just a guide for the recording time. It is impossible to record for a period longer than the recording time of the tape.</li> </ul>
<u>C</u> <u>U</u> <u>F</u> <u>R</u>		
AUDIO REC	<u>OFF</u> ON	For setting the availability of audio records during INTERVAL REC.
<u>C</u> <u>U</u> <u>F</u> <u>R</u>		
START DELAY	<u>0SEC</u> : 10SEC	For setting the time taken until recording is to start after the REC START button is pressed in the INTERVAL REC mode.
<u>C</u> <u>U</u> <u>F</u> <u>R</u>		
PRE REC MODE	OFF <u>ON</u>	For setting the PRE RECORDING function. <b>OFF:</b> Recording starts about 0.4 seconds after pressing the REC START button or the VTR button on the lens. <b>ON:</b> The PRE RECORDING function is activated. For details, refer to "3-4 To record video signals of a few seconds before starting recording (PRE-RECORDING function)."
<u>C</u> <u>U</u> <u>F</u> <u>R</u>		
PRE REC TIME	<u>0SEC</u> : 7SEC	For setting the length of time for which the video and audio signals can be recorded before the REC START button is pressed in PRE RECORDING.
<u>C</u> <u>U</u> <u>F</u> <u>R</u>		
RETAKE MODE	ON <u>OFF</u>	For setting the RETAKE function. <b>ON:</b> The RETAKE function is activated. <b>OFF:</b> The RETAKE function is not activated. It returns to OFF once the power is turned off. For details, refer to "3-6 To take the previous cut again (RETAKE function)."
<u>C</u> <u>U</u> <u>F</u> <u>R</u>		



The underlining in the variable range column indicates the setting in the preset mode.

# Chapter 7 Menu description tables (continued)

## 7-2-3 OUTPUT SEL

Item	Variable range	Remarks
OUTPUT ITEM	TC STATUS MENU ONLY	For setting the characters superimposed on the output signals from the VIDEO OUT connector. <b>TC:</b> Time codes are superimposed (when the menu is accessed, the menu screen is superimposed.) <b>STATUS:</b> The characters that are the same as the characters superimposed in the viewfinder screen are superimposed. (When the menu is accessed, the menu screen is superimposed.) <b>MENU ONLY:</b> The menu screen is superimposed only when the menu is accessed. This normally displays nothing. For details, refer to "4-8-1 Settings of signals output from VIDEO OUT connector."
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
MONI OUT	HD-SDI HD-Y	For setting video signals output from the MON OUT connector. <b>HD-SDI:</b> For outputting the HD SDI signals <b>HD-Y:</b> For outputting the analog HD-Y signals For details, refer to "4-8-2 Settings of signals output from MON OUT connector."
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
MONI OUT CHARA	ON OFF	For superimposing characters on the HD SDI output signals from the MON OUT connector. <b>ON:</b> To superimpose <b>OFF:</b> Not to superimpose <Note> This does not link with the VIDEO OUT CHARACTER switch.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
MONI OUT MODE	CAM VTR	For switching the signals output from the MON OUT connector. <b>CAM:</b> The camera images are output at all times. <b>VTR:</b> In the recording or other EE mode, camera images are output from the connector; in playback mode, the VTR's playback signals are output.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
VF MODE	CAM VTR	For switching the display mode of the viewfinder screen. <b>CAM:</b> The camera images are output at all times. <b>VTR:</b> In the recording or other EE mode, camera images are displayed; in playback mode, the VTR's playback images are displayed.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		

## 7-2-4 VIDEO OUT SETTING



Item	Variable range	Remarks
VIDEO OUT CENTR MARK	OFF 1 2 3 4	For setting the center marker to be superimposed on the output signals of the VIDEO OUT connector. <b>OFF:</b> The center marker is not displayed. <b>1:</b> + (large) <b>2:</b> Center blank (large) <b>3:</b> + (small) <b>4:</b> Center blank (small)
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
VIDEO OUT SAFETY MARK	OFF 1 2	For setting the type of safety marker frame to be superimposed on the output signals of the VIDEO OUT connector. <b>OFF:</b> The safety marker frame is not displayed. <b>1:</b> Box  <b>2:</b> Corner frames 
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
SAFETY AREA	80% 90% 100%	For setting the size of the safety marker. It is possible to set the size by units of 1% with a fixed ratio between of width and height.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
VIDEO OUT FRM MARK	ON OFF	For superimposing the frame marker on the output signals from the VIDEO OUT connector. <b>ON:</b> To superimpose <b>OFF:</b> Not to superimpose
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
FRM SIG	4:3 13:9 14:9 VISTA	For setting the frame marker. The VISTA setting is 16:8.65.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
VIDEO OUT USER BOX	ON OFF	For superimposing the user box on the output signals from the VIDEO OUT connector. <b>ON:</b> To superimpose <b>OFF:</b> Not to superimpose ● It is not superimposed when the VIDEO OUT switch is set to the SD-SDI or VBS position.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
USER BOX WIDTH	1 13 100	For setting the horizontal width of the user box.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
USER BOX HEIGHT	1 13 100	For setting the vertical height of the user box.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
USER BOX H POS	-50 +00 +50	For setting the horizontal position of the user box center.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
USER BOX V POS	-50 +00 +50	For setting the vertical position of the user box center.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		

- The user box can be displayed in any position as a box-type cursor.
- When the DOWNCON MODE item on the DOWNCON SETTING screen is set to LT-BOX or S-CROP, the frame marker and the safety marker are not displayed.

The underlining in the variable range column indicates the setting in the preset mode.

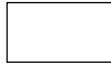

# Chapter 7 Menu description tables (continued)

## 7-2-5 MONITOR OUT SETTING

Item	Variable range	Remarks
MONI OUT CENTR MARK	<u>OFF</u> 1 2 3 4	For setting the center marker to be superimposed on the HD SDI output signals of the MON OUT connector. <b>OFF:</b> The center marker is not displayed. 1: + (large) 2: Center blank (large) 3: + (small) 4: Center blank (small)
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
MONI OUT SAFETY MARK	<u>OFF</u> 1 2	For setting the type of the safety marker frame to be superimposed on the HD SDI output signals of the MON OUT connector. <b>OFF:</b> The safety marker frame is not displayed. 1: Box  2: Corner frames 
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
SAFETY AREA	80% <u>90%</u> 100%	For setting the size of the safety marker. It is possible to set the size by units of 1% with a fixed ratio between of width and height.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
MONI OUT FRM MARK	<u>ON</u> <u>OFF</u>	For superimposing the frame marker on the HD SDI output signals from the MON OUT connector. <b>ON:</b> To superimpose <b>OFF:</b> Not to superimpose
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
FRM SIG	4:3 13:9 14:9 <u>VISTA</u>	For setting the frame marker. The VISTA setting is 16:8.65.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
MONI OUT USER BOX	<u>ON</u> <u>OFF</u>	For superimposing the user box on the HD SDI output signals from the MON OUT connector. <b>ON:</b> To superimpose <b>OFF:</b> Not to superimpose
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
USER BOX WIDTH	1 : <u>13</u> : 100	For setting the horizontal width of the user box.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
USER BOX HEIGHT	1 : <u>13</u> : 100	For setting the vertical height of the user box.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
USER BOX H POS	-50 : <u>+00</u> : +50	For setting the horizontal position of the user box center.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
USER BOX V POS	-50 : <u>+00</u> : +50	For setting the vertical position of the user box center.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		

- The user box can be displayed in any position as a box-type cursor.
- When the DOWNCON MODE item on the DOWNCON SETTING screen is set to LT-BOX or S-CROP, the frame marker and the safety marker are not displayed.

## 7-2-6 RC OUT SETTING

Item	Variable range	Remarks
RC OUT CENTR MARK	<u>OFF</u> 1 2 3 4	For setting the center marker to be superimposed on the output signals of the REMOTE connector. <b>OFF:</b> The center marker is not displayed. 1: + (large) 2: Center blank (large) 3: + (small) 4: Center blank (small)
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
RC OUT SAFETY MARK	<u>OFF</u> 1 2	For setting the type of the safety marker frame to be superimposed on the output signals of the REMOTE connector. <b>OFF:</b> The safety marker frame is not displayed. 1: Box  2: Corner frames 
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
SAFETY AREA	80% <u>90%</u> 100%	For setting the size of the safety marker. It is possible to set the size by units of 1% with a fixed ratio between of width and height.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
RC OUT FRM MARK	<u>ON</u> <u>OFF</u>	For superimposing the frame marker on the output signals from the REMOTE connector. <b>ON:</b> To superimpose <b>OFF:</b> Not to superimpose
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
FRM SIG	4:3 13:9 14:9 <u>VISTA</u>	For setting the frame marker. The VISTA setting is 16:8.65.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		

### <Notes>

- Settings in the SAFETY AREA item and the FRM SIG item are interlinked with the respective connectors of VIDEO OUT, MON OUT, and REMOTE.
- Settings in the respective items of USER BOX WIDTH, USER BOX HEIGHT, USER BOX H POS, and USER BOX V POS are interlinked with the VIDEO OUT connector and the MON OUT connector.

The underlining in the variable range column indicates the setting in the preset mode.

# Chapter 7 Menu description tables (continued)

## 7-2-7 DOWNCON SETTING

Item	Variable range	Remarks
DOWNCON MODE	<u>SQUEEZ</u> LT-BOX S-CROP	For setting the mode of the down converter output signals.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
DETAIL	<u>ON</u> OFF	For setting the detail function for the down converter output signals ON/OFF. The down converter output signals contain detailed components that are set during HD signal processing. In this setting, these signals overlap the detailed components dedicated to the down converter outputs. Even if this setting is turned off, it is impossible to turn off the detailed components set during HD signal processing.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
H.DTL LEVEL	00 : <u>08</u> : 31	For setting the horizontal detail correction level for the down converter output signals.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
V.DTL LEVEL	00 : <u>04</u> : 31	For setting the vertical detail correction level for the down converter output signals.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
DTL CORING	00 : <u>01</u> : 15	For setting the noise elimination level of the details.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
H.DTL FREQ.	1 : <u>3</u> : 5  1: 2.5 MHz    4: 4 MHz 2: 3 MHz       5: 4.5 MHz 3: 3.5 MHz	For selecting the horizontal detail frequencies.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
2DLPF	<u>ON</u> OFF	For setting the 2-D low path filter reducing cross colors. <b>ON:</b> Cross colors are reduced. <b>OFF:</b> Cross colors are not reduced.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
SET UP For AJ-HDX900E For AJ-HDX900P	<u>0%</u> : 7.5%	For setting the setup level for the down converter output signals. <b>&lt;Note&gt;</b> When the system frequency is set to 50 Hz, the setup level will be 0%.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		

## 7-2-8 GENLOCK

Item	Variable range	Remarks
GENLOCK	<u>INT</u> EXT	For setting the standard signals for executing the GENLOCK. <b>INT:</b> For synchronizing to the standard signal within the unit regardless of the signals that are input in the GENLOCK IN connector. <b>EXT:</b> For synchronizing to the standard signals that are input in the GENLOCK IN connector.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
GL PHASE	<u>HD SDI</u> COMPOSIT	For selecting the output signals that lock phases to the signals that are input in the GENLOCK IN connector. <b>HD SDI:</b> For locking the HD SDI signals to the GENLOCK input. For the down converter output signals, the start position of the video delays by about 90 lines. <b>COMPOSIT:</b> For locking the down converter output signals to the GENLOCK input. For the HD SDI output signals, the start position of the video gains by about 90 lines.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
H PHASE COARSE	-100 : <u>+000</u> : +100	For making coarse adjustment for aligning phases of the horizontal synchronization, for executing the GENLOCK.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
H PHASE FINE	-100 : <u>+000</u> : +100	For making fine adjustment for aligning phases of the horizontal synchronization, for executing the GENLOCK.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		

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The underlining in the variable range column indicates the setting in the preset mode.

## Chapter 7 Menu description tables (continued)

### 7-2-9 OPTION MODE

Item	Variable range	Remarks
REC TALLY	RED GREEN CHAR	For selecting the method to access records on the unit when the unit is connected to peripheral devices and used remotely. <b>RED:</b> The red tally lamp lights. <b>GREEN:</b> The green tally lamp lights. <b>CHAR:</b> For displaying "REC" in the viewfinder.
∕ C U F ∕		
P.OFF GPS DATA	HOLD <u>CLEAR</u>	For selecting whether or not to hold the UMID GPS position information while the power is off and record the information as the data still held as the previous value until another measurement can be taken after the power is next turned on. <b>HOLD:</b> The data is held and recorded. <b>CLEAR:</b> The data is cleared at the same time as the power is turned off, and all zeros (no information) are recorded from the time the power is turned on until the measurement is next taken.
∕ C U F ∕		
1394 SPEED	S200 <u>S400</u>	For setting the transfer rate of signals output from the DVCPRO connector. <b>S200:</b> 200 Mbps <b>S400:</b> 400 Mbps
∕ C U F ∕		
1394 IN CH	0 : 63 <u>AUTO</u>	For setting the input channel of signals input to the DVCPRO connector. <b>0 – 63:</b> To fix to the designated value <b>AUTO:</b> To follow the settings of the externally connected devices
∕ C U F ∕		
1394 OUT CH	0 : 63 <u>AUTO</u>	For setting the input channel of signals output from the DVCPRO connector. <b>0 – 63:</b> To fix to the designated value <b>AUTO:</b> To follow the settings of the externally connected devices
∕ C U F ∕		
1394 CONTROL	OFF <u>BOTH</u>	For setting the control for recording start/stop operations of external devices that are connected to the DVCPRO connector. <b>OFF:</b> Do not control the externally connected devices. <b>BOTH:</b> To control both the unit and the externally connected devices
∕ C U F ∕		
1394 CMD SEL	REC_P <u>STOP</u>	For setting the control of recording stop operations of the external devices that are connected to the DVCPRO connector. <b>REC_P:</b> Operation to pause recording <b>STOP:</b> Stopping operation
∕ C U F ∕		
SDI METADATA	<u>ON</u> OFF	For setting metadata (UMID information) to output to the HD SDI signals. <b>ON:</b> To output <b>OFF:</b> Not to output
∕ C U F ∕		
SDI EDH	<u>ON</u> OFF	For setting that the detection signals of the communication error is output to the HD SDI signals. <b>ON:</b> To output <b>OFF:</b> Not to output
∕ C U F ∕		

The underlining in the variable range column indicates the setting in the preset mode.

# Chapter 7 Menu description tables (continued)

## 7-3 PAINT

### 7-3-1 RB GAIN CONTROL

Item	Variable range	Remarks
R GAIN AWB PRE	-200 +000 +200	For setting the Rch gain when the WHITE BAL switch is in the PRST position. ● If the remote control unit is connected, settings made from the menu are disabled. (The set value is displayed.)
S C U F R		
B GAIN AWB PRE	-200 +000 +200	For setting the Bch gain when the WHITE BAL switch is in the PRST position. ● If the remote control unit is connected, settings made from the menu are disabled. (The set value is displayed.)
S C U F R		
R GAIN AWB A	-200 +000 +200	For setting the Rch gain when the WHITE BAL switch is in the A position. ● If the remote control unit is connected, settings made from the menu are disabled. (The set value is displayed.)
S C U F R		
B GAIN AWB A	-200 +000 +200	For setting the Bch gain when the WHITE BAL switch is in the A position. ● If the remote control unit is connected, settings made from the menu are disabled. (The set value is displayed.)
S C U F R		
R GAIN AWB B	-200 +000 +200	For setting the Rch gain when the WHITE BAL switch is in the B position. ● If the remote control unit is connected, settings made from the menu are disabled. (The set value is displayed.)
S C U F R		
B GAIN AWB B	-200 +000 +200	For setting the Bch gain when the WHITE BAL switch is in the B position. ● If the remote control unit is connected, settings made from the menu are disabled. (The set value is displayed.)
S C U F R		
AWB A GAIN OFFSET	ON <u>OFF</u>	For setting the values of the Rch gain and the Bch gain when the auto white balance is executed as the WHITE BAL switch is in the A position. <b>ON:</b> To retain the values set in the items of R GAIN AWB A and B GAIN AWB A <b>OFF:</b> The values of the Rch gain and the Bch gain is set to "0".
S C U F R		
AWB B GAIN OFFSET	ON <u>OFF</u>	For setting the values of the Rch gain and the Bch gain when the auto white balance is executed as the WHITE BAL switch is in the B position. <b>ON:</b> To retain the values set in the items of R GAIN AWB B and B GAIN AWB B <b>OFF:</b> The values of the Rch gain and the Bch gain is set to "0".
S C U F R		

### 7-3-2 RGB BLACK CONTROL

Item	Variable range	Remarks
MASTER PED	-200 +015 +200	For setting the level of the master pedestal. ● If the remote control unit is connected, settings made from the menu are disabled. (The set value is displayed.)
S C U F R		
R PEDESTAL	-100 +000 +100	For setting the pedestal level of the Rch. ● If the remote control unit is connected, settings made from the menu are disabled. (The set value is displayed.)
S C U F R		
G PEDESTAL	-100 +000 +100	For setting the pedestal level of the Gch. ● If the remote control unit is connected, settings made from the menu are disabled. (The set value is displayed.)
S C U F R		
B PEDESTAL	-100 +000 +100	For setting the pedestal level of the Bch. ● If the remote control unit is connected, settings made from the menu are disabled. (The set value is displayed.)
S C U F R		
PEDESTAL OFFSET	ON <u>OFF</u>	For setting the pedestal levels of the Rch, the Gch and the Bch when the black balance is adjusted. <b>ON:</b> To retain the values set in the respective items of R PEDESTAL, G PEDESTAL, and B PEDESTAL <b>OFF:</b> The pedestal levels of the Rch, the Gch and the Bch are set to "0".
S C U F R		
R FLARE	-100 +000 +100	For adjusting the flare level of the Rch. Adjustment values in this item are added to the flare adjustment value that is adjusted on 7-7-6 <LENS FILE ADJ> screen. ● If the remote control unit is connected, settings made from the menu are disabled. (The set value is displayed.)
S C U F R		
G FLARE	-100 +000 +100	For adjusting the flare level of the Gch. Adjustment values in this item are added to the flare adjustment value that is adjusted on 7-7-6 <LENS FILE ADJ> screen. ● If the remote control unit is connected, settings made from the menu are disabled. (The set value is displayed.)
S C U F R		
B FLARE	-100 +000 +100	For adjusting the flare level of the Bch. Adjustment values in this item are added to the flare adjustment value that is adjusted on 7-7-6 <LENS FILE ADJ> screen. ● If the remote control unit is connected, settings made from the menu are disabled. (The set value is displayed.)
S C U F R		

7

The underlining in the variable range column indicates the setting in the preset mode.

# Chapter 7 Menu description tables (continued)

## 7-3-3 MATRIX

Item	Variable range	Remarks
■ MATRIX TABLE	<u>A</u> B	For selecting the color correction table for the linear matrix.
S C U F R		
MATRIX R-G	-63 <u>+00</u> +63	For performing the linear matrix adjustment. (red/green)
S C U F R		
MATRIX R-B	-63 <u>+00</u> +63	For performing the linear matrix adjustment. (red/blue)
S C U F R		
MATRIX G-R	-63 <u>+00</u> +63	For performing the linear matrix adjustment. (green/red)
S C U F R		
MATRIX G-B	-63 <u>+00</u> +63	For performing the linear matrix adjustment. (green/blue)
S C U F R		
MATRIX B-R	-63 <u>+00</u> +63	For performing the linear matrix adjustment. (blue/red)
S C U F R		
MATRIX B-G	-63 <u>+00</u> +63	For performing the linear matrix adjustment. (blue/green)
S C U F R		
■ L MATRIX TABLE	OFF <u>A</u> B	For selecting the color correction table when the GAIN switch is in the L position.
S C U F R		
■ M MATRIX TABLE	OFF <u>A</u> B	For selecting the color correction table when the GAIN switch is in the M position.
S C U F R		
■ H MATRIX TABLE	OFF <u>A</u> B	For selecting the color correction table when the GAIN switch is in the H position.
S C U F R		

### <Note>

Items with ■ in front of their names are set by the PAINT MENU SW (■) R/W menu items on the <CARD R/W SELECT> screen.

Items without ■ in front of their names are set by the PAINT MENU LEVEL R/W menu item.

For details, refer to "7-6-2 CARD R/W SELECT."

## 7-3-4 COLOR CORRECTION

Item	Variable range	Remarks
R (SAT)	-63 <u>+00</u> +63	For performing the color saturation correction of red.
S C U F R		
R-Mg (SAT)	-63 <u>+00</u> +63	For performing the color saturation correction between red and magenta.
S C U F R		
Mg (SAT)	-63 <u>+00</u> +63	For performing the color saturation correction of magenta.
S C U F R		
Mg-B (SAT)	-63 <u>+00</u> +63	For performing the color saturation correction between magenta and blue.
S C U F R		
B (SAT)	-63 <u>+00</u> +63	For performing the color saturation correction of blue.
S C U F R		
B-Cy (SAT)	-63 <u>+00</u> +63	For performing the color saturation correction between blue and cyan.
S C U F R		
Cy (SAT)	-63 <u>+00</u> +63	For performing the color saturation correction of cyan.
S C U F R		
Cy-G (SAT)	-63 <u>+00</u> +63	For performing the color saturation correction between cyan and green.
S C U F R		
G (SAT)	-63 <u>+00</u> +63	For performing the color saturation correction of green.
S C U F R		
G-YI (SAT)	-63 <u>+00</u> +63	For performing the color saturation correction between green and yellow.
S C U F R		
YI (SAT)	-63 <u>+00</u> +63	For performing the color saturation correction of yellow.
S C U F R		
YI-R (SAT)	-63 <u>+00</u> +63	For performing the color saturation correction between yellow and red.
S C U F R		

The underlining in the variable range column indicates the setting in the preset mode.

## 7-3-5 LOW SETTING

Item	Variable range	Remarks
R (PHASE)	-63 :00 +63	For performing the hue correction for red.
S C U F R		
R-Mg (PHASE)	-63 :00 +63	For performing the hue correction between red and magenta.
S C U F R		
Mg (PHASE)	-63 :00 +63	For performing the hue correction for magenta.
S C U F R		
Mg-B (PHASE)	-63 :00 +63	For performing the hue correction between magenta and blue.
S C U F R		
B (PHASE)	-63 :00 +63	For performing the hue correction for blue.
S C U F R		
B-Cy (PHASE)	-63 :00 +63	For performing the hue correction between blue and cyan.
S C U F R		
Cy (PHASE)	-63 :00 +63	For performing the hue correction for cyan.
S C U F R		
Cy-G (PHASE)	-63 :00 +63	For performing the hue correction between cyan and green.
S C U F R		
G (PHASE)	-63 :00 +63	For performing the hue correction for green.
S C U F R		
G-YI (PHASE)	-63 :00 +63	For performing the hue correction between green and yellow.
S C U F R		
YI (PHASE)	-63 :00 +63	For performing the hue correction for yellow.
S C U F R		
YI-R (PHASE)	-63 :00 +63	For performing the hue correction between yellow and red.
S C U F R		
■ COLOR CORRECT	ON OFF	For switching ON/OFF of the 12-axis independent color correction of the position selected with the GAIN switch (L, M, H).
S C U F R		

Item	Variable range	Remarks
■ MASTER GAIN	-3dB :0dB :30dB	For setting the master gain to -3, 0, 3, 6, 9, 12, 15, 18, 21, 24, 27 or 30 dB.
S C U F R		
H.DTL LEVEL	00 :10 :63	For performing the horizontal detail correction level setting.
S C U F R		
V.DTL LEVEL	00 :20 :31	For performing the vertical detail correction level setting.
S C U F R		
DTL CORING	00 :01 :15	For performing the noise elimination level setting for detail.
S C U F R		
H.DTL FREQ.	00 :18 :31	For performing the horizontal detail frequency selection.
S C U F R		
LEVEL DEPEND.	0 :1 :5	For setting the LEVEL DEPEND. When the Y-detail is emphasized, details of dark sections are compressed. If the numerical value is larger, details of bright sections are also compressed.
S C U F R		
MASTER GAMMA	0.30 :0.45 :0.75	For setting the master gamma. (0.01 step)
S C U F R		
BLACK GAMMA	-3 :OFF :3	For setting the gamma curve for the dark portion. -3 to -1: The dark portion is compressed. OFF: Standard state +1 to +3: The dark portion is extended.
S C U F R		
■ MATRIX TABLE	OFF A B	For selecting the color correction table for the linear matrix.
S C U F R		
■ COLOR CORRECT	ON OFF	For switching ON/OFF of the 12-axis independent color correction.
S C U F R		

### <Note>

Items with ■ in front of their names are set by the PAINT MENU SW (■) R/W menu items on the <CARD R/W SELECT> screen.

Items without ■ in front of their names are set by the PAINT MENU LEVEL R/W menu item.

For details, refer to "7-6-2 CARD R/W SELECT."

The underlining in the variable range column indicates the setting in the preset mode.

# Chapter 7 Menu description tables (continued)

## 7-3-6 MID SETTING

Item	Variable range	Remarks
■ MASTER GAIN	-3dB : 6dB : 30dB	For setting the master gain to -3, 0, 3, 6, 9, 12, 15, 18, 21, 24, 27 or 30 dB.
S C U F R		
H.DTL LEVEL	00 : 08 : 63	For performing the horizontal detail correction level setting.
S C U F R		
V.DTL LEVEL	00 : 18 : 31	For performing the vertical detail correction level setting.
S C U F R		
DTL CORING	00 : 02 : 15	For performing the noise elimination level setting for detail.
S C U F R		
H.DTL FREQ.	00 : 18 : 31	For performing the horizontal detail frequency selection.
S C U F R		
LEVEL DEPEND.	0 : 1 : 5	For setting the LEVEL DEPEND. When the Y-detail is emphasized, details of dark sections are compressed. If the numerical value is larger, details of bright sections are also compressed.
S C U F R		
MASTER GAMMA	0.30 : 0.45 : 0.75	For setting the master gamma. (0.01 step)
S C U F R		
BLACK GAMMA	-3 : OFF : +3	For setting the gamma curve for the dark portion. <b>-3 to -1:</b> The dark portion is compressed. <b>OFF:</b> Standard state <b>+1 to +3:</b> The dark portion is extended.
S C U F R		
■ MATRIX TABLE	OFF A B	For selecting the color correction table for the linear matrix.
S C U F R		
■ COLOR CORRECT	ON OFF	For switching ON/OFF of the 12-axis independent color correction.
S / U F R		

## 7-3-7 HIGH SETTING

Item	Variable range	Remarks
■ MASTER GAIN	-3dB : 12dB : 30dB	For setting the master gain to -3, 0, 3, 6, 9, 12, 15, 18, 21, 24, 27 or 30 dB.
S C U F R		
H.DTL LEVEL	00 : 06 : 63	For performing the horizontal detail correction level setting.
S C U F R		
V.DTL LEVEL	00 : 16 : 31	For performing the vertical detail correction level setting.
S C U F R		
DTL CORING	00 : 03 : 15	For performing the noise elimination level setting for detail.
S C U F R		
H.DTL FREQ.	00 : 18 : 31	For performing the horizontal detail frequency selection.
S C U F R		
LEVEL DEPEND.	0 : 3 : 5	For setting the LEVEL DEPEND. When the Y-detail is emphasized, details of dark sections are compressed. If the numerical value is larger, details of bright sections are also compressed.
S C U F R		
MASTER GAMMA	0.30 : 0.55 : 0.75	For setting the master gamma. (0.01 step)
S C U F R		
BLACK GAMMA	-3 : OFF : +3	For setting the gamma curve for the dark portion. <b>-3 to -1:</b> The dark portion is compressed. <b>OFF:</b> Standard state <b>+1 to +3:</b> The dark portion is extended.
S C U F R		
■ MATRIX TABLE	OFF A B	For selecting the color correction table for the linear matrix.
S C U F R		
■ COLOR CORRECT	ON OFF	For switching ON/OFF of the 12-axis independent color correction.
S / U F R		

### <Note>

Items with ■ in front of their names are set by the PAINT MENU SW (■) R/W menu items on the <CARD R/W SELECT> screen.

Items without ■ in front of their names are set by the PAINT MENU LEVEL R/W menu item.

For details, refer to "7-6-2 CARD R/W SELECT."

The underlining in the variable range column indicates the setting in the preset mode.

## 7-3-8 ADDITIONAL DTL

Item	Variable range	Remarks
KNEE APE LVL	OFF 1 <u>2</u> 5	For changing the detail level of the high brightness portion.
S C U F R		
DTL GAIN(+)	-31 : <u>+00</u> : +31	For changing the + direction level of the detail.
S C U F R		
DTL GAIN(-)	-31 : <u>+00</u> : +31	For changing the – (below) direction level of the detail.
S C U F R		
DTL CLIP	<u>00</u> : 63	For setting the level for clipping the detail signals.
S C U F R		
DTL SOURCE	(G+B)/2 (R+G)/2 2G+R+B/4 (3G+R)/4 R G	For setting the proportion of the RGB signal components that provide the detail.
S C U F R		
V DTL FREQ	360TV 450TV 540TV <u>630TV</u> 720TV	For selecting the vertical detail frequency. ● It is enabled when the recording format is set to 720P.
S C U F R		
H.DTL LINE MIX	0H 1H <u>2H</u>	For setting the number of scanning lines to be added to the video signals in order to generate the horizontal detail signals.
S C U F R		
MASTER DTL	-31 : <u>+00</u> : +31	For revising the master detail level.
S C U F R		

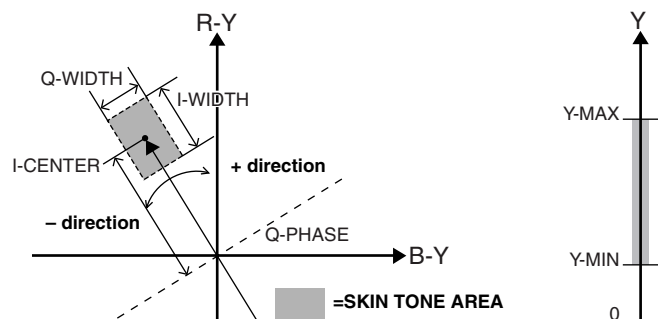
The underlining in the variable range column indicates the setting in the preset mode.

# Chapter 7 Menu description tables (continued)

## 7-3-9 SKIN TONE DTL

Item	Variable range	Remarks
■ SKIN TONE DTL	OFF A B AB	For selecting the skin color table for enabling the skin tone detail. The skin color table is provided in the SKIN TONE TABLE item. By enabling the skin tone detail, it is possible to shoot human skin more accurately.
S C U F R		
■ SKIN TONE ZEBRA VF	ON OFF	For the setting to display the zebra pattern in the skin tone area displayed in the viewfinder screen. The zebra pattern is displayed when this item is turned "ON" and the <SKIN TONE DTL> screen is opened. The zebra pattern is displayed on area A or B, which is selected in the SKIN TONE TABLE item. It is impossible to display both area A and B at the same time.
S C U F R		
■ SKIN TONE ZEBRA VOUT	ON OFF	For the setting to superimpose the zebra pattern in the skin tone area output from the VIDEO OUT connector. <ul style="list-style-type: none"> <li>When the VIDEO OUT switch is set to the SD SDI or VBS position, the zebra pattern will not be superimposed.</li> </ul>
S C U F R		
■ SKIN TONE ZEBRA MONI	ON OFF	For the setting to superimpose the zebra pattern in the skin tone area output from the MON OUT connector.
S C U F R		
SKIN TONE TABLE	A B	For selecting the skin tone table for enabling the skin tone details.
S C U F R		
SKIN TONE GET		For fetching the color information of A or B, which is selected in the SKIN TONE TABLE item, near the center marker. When this function is executed, data from I CENTER to Q PHASE are fetched automatically. The fetched data will be the table data of A or B, which is selected in the SKIN TONE TABLE item. It is impossible to obtain color information of both A and B at the same time.
S / U F R		
SKIN DTL CORING	0 5 7	For setting the effect level of the skin tone detail.
S C U F R		
Y MAX	000 190 255	For setting the maximum value of brightness for enabling the skin tone.
S C U F R		
Y MIN	000 010 255	For setting the minimum value of brightness for enabling the skin tone.
S C U F R		

Item	Variable range	Remarks
I CENTER	000 035 255	For setting the center position on the I axis (for setting an area that enables skin tone.)
S C U F R		
I WIDTH	000 055 255	For setting the area width for enabling the skin tone on the I-axis of which the center is the I CENTER.
S C U F R		
Q WIDTH	00 10 90	For setting the area width for enabling the skin tone on the Q-axis of which the center is the I CENTER
S C U F R		
Q PHASE	-180 +00 +179	For setting phases of the area for enabling skin tone as setting the standard to the Q-axis.
S C U F R		



### <Note>

Items with ■ in front of their names are set by the PAINT MENU SW (■) R/W menu items on the <CARD R/W SELECT> screen.

Items without ■ in front of their names are set by the PAINT MENU LEVEL R/W menu item.

For details, refer to "7-6-2 CARD R/W SELECT."

The underlining in the variable range column indicates the setting in the preset mode.

# Chapter 7 Menu description tables (continued)

## 7-3-10 KNEE/LEVEL

Item	Variable range	Remarks
MASTER PED	-200 :015 +200	For performing the MASTER PEDESTAL setting.
S C U F R		
■ MANUAL KNEE	ON OFF	For setting the mode which is to be established when the AUTO KNEE switch is at OFF. The KNEE POINT/SLOPE setting value is active when ON is selected.
S C U F R		
KNEE POINT	70.0% :93.0% 107.0%	For setting the knee point position in increments of 0.5% steps.
S C U F R		
KNEE SLOPE	00 :85 99	For setting the inclination of the knee.
S C U F R		
■ WHITE CLIP	ON OFF	For selecting ON/OFF of the white clip function. When it is set to ON, the set value for the WHITE CLIP LVL becomes effective.
S C U F R		
WHITE CLIP LVL	90% :109%	For performing the white clip level setting.
S C U F R		
A.KNEE POINT	80% :93% 107%	For setting the auto knee point position in increments of 0.5% steps. When the OUTPUT/AUTO KNEE selection switch is set to CAM.AUTO KNEE ON, this function is enabled.
S C U F R		
A.KNEE LVL	100 :107 109	For setting the auto knee level.
S C U F R		
A.KNEE RESPONSE	1 :4 8	For setting the auto knee response rate. When a numerical value is larger, the response speed is slower.
S C U F R		

### <Note>

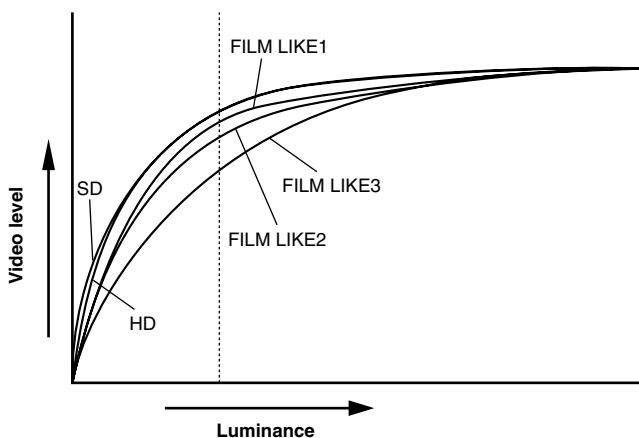
Items with ■ in front of their names are set by the PAINT MENU SW (■) R/W menu items on the <CARD R/W SELECT> screen.

Items without ■ in front of their names are set by the PAINT MENU LEVEL R/W menu item.

For details, refer to "7-6-2 CARD R/W SELECT."

## 7-3-11 GAMMA

Item	Variable range	Remarks
MASTER GAMMA	0.30 :0.45 0.75	For setting the master gamma in increments of 0.01 steps.
S / U F R		
R GAMMA	-15 :00 +15	For performing the gamma setting for Rch.
S C U F R		
B GAMMA	-15 :00 +15	For performing the gamma setting for Bch.
S C U F R		
GAMMA MODE SEL	HD SD FILM LIKE1 FILM LIKE2 FILM LIKE3	For selecting the gamma mode. <b>HD:</b> Video gamma characteristics for HD (High Definition) <b>SD:</b> The gain in the dark section is higher than the HD gamma. <b>FILM LIKE1:</b> The cinema gamma characteristics for video applications are selected. <b>FILM LIKE2:</b> The cinema gamma characteristics for video applications are selected. In this setting gradations in highlight areas can be expressed better than when FILM LIKE1 is selected. <b>FILM LIKE3:</b> The cinema gamma characteristics for video applications are selected. In this setting gradations in highlight areas can be expressed better than when FILM LIKE2 is selected.
S C U F R		



- When the GAMMA MODE SEL item is used for FILM LIKE3, the following settings are recommended.  
MANUAL KNEE: ON  
KNEE POINT : 85.0%  
KNEE SLOPE : 50

The underlining in the variable range column indicates the setting in the preset mode.

## 7-3-12 ■ CAMERA SETTING

Item	Variable range	Remarks
DETAIL	ON <u>OFF</u>	For switching ON/OFF of the detail signals.
S   C   U   F   R		
HIGH COLOR	ON <u>OFF</u>	For switching ON/OFF of the mode enlarging the color dynamic range.
S   C   U   F   R		
GAMMA	ON <u>OFF</u>	For switching ON/OFF of the gamma correction.
S   C   U   F   R		
TEST SAW	ON <u>OFF</u>	For switching ON/OFF of the test signals.
S   C   U   F   R		
FLARE	ON <u>OFF</u>	For switching ON/OFF of the flare compensation.
S   C   U   F   R		
H-F COMPE.	ON <u>OFF</u>	For switching ON/OFF of the aperture correction.
S   C   U   F   R		

### <Note>

All items in CAMERA SETTING are setting targets of the item PAINT MENU SW(■) R/W in the "7-6-2 CARD R/W SELECT" screen.

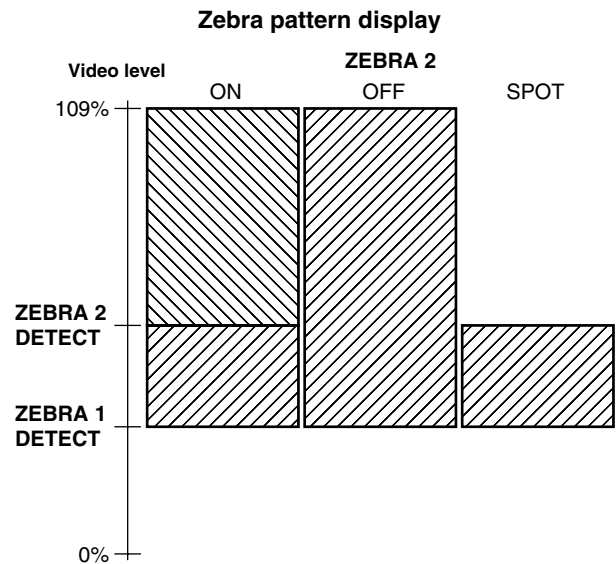
The underlining in the variable range column indicates the setting in the preset mode.

# Chapter 7 Menu description tables (continued)

## 7-4 VF

### 7-4-1 VF DISPLAY



Item	Variable range	Remarks
DISP CONDITION	<u>NORMAL</u> HOLD	<b>NORMAL:</b> The statuses are displayed at all times. <b>HOLD:</b> The statuses are displayed only when the MODE CHECK switch is pressed.
/ C U F R		
DISP MODE	1 2 <u>3</u>	For setting the display mode. This sets what is displayed in the viewfinder screen when the state of the unit is changed. For details, refer to "4-7-4 Display modes and setting changes/ adjustment result messages."
/ C U F R		
VF OUT	<u>Y</u> NAM R G B	For selecting the video signals to display in the viewfinder screen. <b>Y:</b> Luminance signal <b>NAM:</b> The signal with the highest level among the R, G and B signals is output. <b>R:</b> R channel signal <b>G:</b> G channel signal <b>B:</b> B channel signal
/ C U F R		
VF DTL	0 : <u>5</u>	For setting the detail level of the viewfinder screen. If it is set to "0", it has the same detail as the main line system signals. If it is set to "5", it has about double of details of the main line system signals.
/ C U F R		
ZEBRA1 DETECT	0% : <u>70%</u> : 109%	For setting the ZEBRA1 detection level (IRE level).
/ C U F R		
ZEBRA2 DETECT	0% : <u>85%</u> : 109%	For setting the ZEBRA2 detection level (IRE level).
/ C U F R		
ZEBRA2	ON <u>SPOT</u> OFF	For selecting ON or OFF for ZEBRA2 or selecting SPOT.
/ C U F R		
LOW LIGHT LVL	OFF 10% 15% 20% 25% 30% <u>35%</u>	For setting how much lower the camera's input light quantity should be in order for "LOW LIGHT" to be displayed.
/ C U F R		
RC MENU DISP.	ON <u>OFF</u>	For the setting to display the menu in the viewfinder screen when the remote control unit is connected to the unit.
/ C U F R		
MARKER/ CHAR LVL	50% <u>60%</u> 70% 80% 90% 100%	For setting the brightness of markers and characters in the viewfinder screen.
/ C U F R		



The underlining in the variable range column indicates the setting in the preset mode.

## Chapter 7 Menu description tables (continued)

### 7-4-2 VF MARKER

Item	Variable range	Remarks
TABLE	A B	For selecting the VF MARKER setting table. This item is used to set the current values of table A or B which have been selected using the menu items listed below.
<u>C</u> U F R		
CENTER MARK	OFF <u>1</u> 2 3 4	For selecting the center marker. <b>OFF:</b> The center marker is not displayed. 1: + (large) 2: Center blank (large) 3: + (small) 4: Center blank (small)
<u>C</u> U F R		
SAFETY MARK	OFF <u>1</u> <u>2</u>	For selecting the type of safety marker frame. <b>OFF:</b> The safety marker frame is not displayed. 1: Box  2: Corner frames 
<u>C</u> U F R		
SAFETY AREA	80% : <u>90%</u> : 100%	For setting the size of the safety marker. It is possible to set the size by units of 1% with a fixed ratio between of width and height.
<u>C</u> U F R		
FRAME MARK	ON <u>OFF</u>	For selecting ON or OFF for the frame marker.
<u>C</u> U F R		
FRAME SIG	4:3 13:9 14:9 <u>VISTA</u>	For setting the frame marker. The VISTA setting is 16:8.65.
<u>C</u> U F R		
FRAME LVL	0 : <u>15</u>	For setting the level outside the frame marker. <b>0:</b> Equivalent to signal OFF (Blanking state) <b>15:</b> Same brightness as center area
<u>C</u> U F R		

### 7-4-3 VF USER BOX

Item	Variable range	Remarks
USER BOX	ON <u>OFF</u>	For setting whether the user box is displayed in the viewfinder or not.
<u>C</u> U F R		
USER BOX WIDTH	1 : 13 : <u>100</u>	For setting the horizontal width of the user box.
<u>C</u> U F R		
USER BOX HEIGHT	1 : 13 : <u>100</u>	For setting the vertical height of the user box.
<u>C</u> U F R		
USER BOX H POS	-50 : <u>+00</u> : +50	For setting the horizontal position of the user box center.
<u>C</u> U F R		
USER BOX V POS	-50 : <u>+00</u> : +50	For setting the vertical position of the user box center.
<u>C</u> U F R		

- The user box can be displayed in any position as a box-type cursor.

The underlining in the variable range column indicates the setting in the preset mode.

# Chapter 7 Menu description tables (continued)

## 7-4-4 VF INDICATOR1

Item	Variable range	Remarks
EXTENDER	ON OFF	For selecting ON or OFF for the extender display.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
SHUTTER	ON OFF	For selecting ON or OFF for the shutter speed display.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
FILTER	ON OFF	For selecting ON or OFF for the filter No. display.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
WHITE	ON OFF	For selecting ON or OFF for the AWB PRE/A/B display.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
GAIN	ON OFF	For selecting ON/OFF of the gain currently selected, S.GAIN, DS. GAIN and LINE MIX GAIN displays.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
IRIS	OFF IRIS <u>S+IRIS</u> S	<p><b>OFF:</b> Neither the super iris ON status nor the aperture value is displayed.</p> <p><b>IRIS:</b> Only the aperture value is displayed.</p> <p><b>S+IRIS:</b> Both the super iris ON status and aperture value are displayed.</p> <p><b>S:</b> The super iris ON status is displayed.</p> <ul style="list-style-type: none"> <li>The display of the aperture value and the display of the iris override are interlinked. When the iris override is changed, it is forcibly displayed for 3 seconds.</li> </ul>
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
CAMERA ID	BAR OFF	For setting to record the camera ID. <b>BAR:</b> The camera ID is recorded when the color bar signals are recorded. <b>OFF:</b> It is not recorded.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
ID POSITION	UPPER R UPPER L LOWER R LOWER L	For setting the position to display the camera ID. <b>UPPER R:</b> Top right <b>UPPER L:</b> Top left <b>LOWER R:</b> Bottom right <b>LOWER L:</b> Bottom left
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
DATE/TIME	ON OFF	For selecting an option to display year/month/day and hour/minute/second simultaneously when the camera ID is displayed.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
ZOOM LVL	ON OFF	For selecting ON or OFF for the zoom position display.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
COLOR TEMP	ON OFF	For selecting ON or OFF for the color temperature display.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
SYSTEM MODE	ON OFF	For selecting ON or OFF for the system mode display.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
CAMERA MODE	ON OFF	For selecting ON or OFF for the camera mode display.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
DRS	ON OFF	For selecting ON/OFF of the dynamic range stretcher mode display.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		

## 7-4-5 VF INDICATOR2

Item	Variable range	Remarks
TAPE	ON OFF	For selecting ON or OFF for the remaining tape amount display.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
BATTERY	ON OFF	For selecting ON or OFF for the battery voltage display.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
AUDIO LVL	ON OFF	For selecting ON or OFF for the audio level meter display.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
TC	TCG TCR TCG/TCR OFF	<p>For selecting the time code which is to be displayed.</p> <p><b>TCG:</b> The time code generator value is displayed in the E-E mode.</p> <p><b>TCR:</b> For displaying the time code reader value during playback</p> <p><b>TCG/TCR:</b> In EE mode, the time code generator value is displayed from the connectors; in playback mode, the time code reader value is displayed.</p> <p><b>OFF:</b> The time code is not displayed at any time.</p>
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
VTR WARNING	ALWAYS NORMAL OFF	<p>For selecting how VTR warnings are displayed.</p> <p><b>ALWAYS:</b> It is displayed every time a warning has occurred.</p> <p><b>NORMAL:</b> It is displayed for 3 seconds when a warning has occurred and also for 3 seconds after recording has started and after recording has finished.</p> <p><b>OFF:</b> It is not displayed at any time.</p>
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
COMPRESSION	ON OFF	For selecting ON/OFF of the compression mode, which is to be displayed. <b>ON:</b> "COMP" will be displayed when the COMPRESSION MODE item (the VTR FUNCTION screen on the VTR MENU page) is set to DARK. <b>OFF:</b> It is not displayed at any time.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
SAVE LED	SAVE & TAPE SAVE	<p>For setting the operation of the SAVE lamp.</p> <p><b>SAVE &amp; TAPE:</b> The lamp lights up when the VTR SAVE/STBY switch has been set to the SAVE position. It is off during recording. As the tape is approaching the end, it starts flashing in tandem with the warning alarm.</p> <p><b>SAVE:</b> The lamp lights up when the VTR SAVE/STBY switch has been set to the SAVE position. It is off during recording.</p>
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		

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The underlining in the variable range column indicates the setting in the preset mode.

# Chapter 7 Menu description tables (continued)

## 7-4-6 MODE CHECK IND

Item	Variable range	Remarks
STATUS	<u>ON</u> OFF	For the setting to display the status screen when the MODE CHECK button is pressed.
┌ C U F R		
!LED	<u>ON</u> OFF	For the setting to indicate causes for turning on the $\odot$ lamp on the viewfinder is displayed when the MODE CHECK button is pressed. The causes for turning on the $\odot$ lamp are displayed with <b>!</b> .
┌ C U F R		
FUNCTION	<u>ON</u> OFF	For the setting to display the FUNCTION screen when the MODE CHECK button is pressed.
┌ C U F R		
AUDIO	<u>ON</u> OFF	For the setting to display the AUDIO screen when the MODE CHECK button is pressed.
┌ C U F R		
P.ON IND	<u>ON</u> OFF	For the setting to display the status screen immediately after turning on the power of the unit. <b>&lt;Note&gt;</b> Even if it is set to "ON" in this item, the status screen is not displayed immediately after turning on the power of the unit when the STATUS item is set to OFF.
┌ C U F R		

## 7-4-7 !LED

Item	Variable range	Remarks
GAIN(0dB)	<u>ON</u> OFF	For the setting to turn the $\odot$ lamp on the viewfinder on when the GAIN is set to a value other than 0dB.
┌ C U F R		
GAIN(-3dB)	<u>ON</u> <u>OFF</u>	For the setting to turn the $\odot$ lamp on the viewfinder on when the GAIN is set to a value other than -3dB or -6dB.
┌ C U F R		
DS.GAIN	<u>ON</u> OFF	For the setting to turn the $\odot$ lamp on the viewfinder on when the DS. GAIN (cumulative gain) is activated.
┌ C U F R		
LINE MIX	<u>ON</u> OFF	For the setting to turn the $\odot$ lamp on the viewfinder on when the LINE MIX GAIN is activated.
┌ C U F R		
SHUTTER	<u>ON</u> OFF	For the setting to turn the $\odot$ lamp on the viewfinder on when the electronic shutter is activated.
┌ C U F R		
WHITE PRESET	<u>ON</u> OFF	For the setting to turn the $\odot$ lamp on the viewfinder on when the WHITE BAL switch is set to the PRESET position.
┌ C U F R		
EXTENDER	<u>ON</u> OFF	For the setting to turn the $\odot$ lamp on the viewfinder on when the lens extender is activated.
┌ C U F R		
B.GAMMA	<u>ON</u> OFF	For the setting to turn the $\odot$ lamp on the viewfinder on when the BLACK GAMMA is activated.
┌ C U F R		
MATRIX	<u>ON</u> OFF	For the setting to turn the $\odot$ lamp on the viewfinder on when the color correction table for the linear matrix is selected.
┌ C U F R		
COLOR CORRECTION	<u>ON</u> OFF	For the setting to turn the $\odot$ lamp on the viewfinder on when the 12-axis independent color correction is selected.
┌ C U F R		
FILTER	<u>ON</u> OFF	For the setting to turn the $\odot$ lamp on the viewfinder on when the filter combination is anyone other than 3200K and CLEAR.
┌ C U F R		

The underlining in the variable range column indicates the setting in the preset mode.

# Chapter 7 Menu description tables (continued)

## 7-5 OPERATION

### 7-5-1 CAMERA ID

Item	Variable range	Remarks
ID1: <input type="checkbox"/> C <input type="checkbox"/> U <input checked="" type="checkbox"/> F <input type="checkbox"/> R	*****	CAMERA ID setting 1
ID2: <input type="checkbox"/> C <input type="checkbox"/> U <input checked="" type="checkbox"/> F <input type="checkbox"/> R	*****	CAMERA ID setting 2
ID3: <input type="checkbox"/> C <input type="checkbox"/> U <input checked="" type="checkbox"/> F <input type="checkbox"/> R	*****	CAMERA ID setting 3

**<Note>**

If READ FACTORY DATA is selected, this setting will be cleared.

### 7-5-2 SHUTTER SPEED

Item	Variable range	Remarks
SYNCHRO SCAN <input type="checkbox"/> C <input type="checkbox"/> U <input checked="" type="checkbox"/> F <input type="checkbox"/> R	ON OFF	For selecting SYNCHRO SCAN as the shutter speed to be used.
POSITION1 <input type="checkbox"/> C <input type="checkbox"/> U <input checked="" type="checkbox"/> F <input type="checkbox"/> R	ON OFF	For selecting POSITION1 as the shutter speed to be used.
POSITION2 <input type="checkbox"/> C <input type="checkbox"/> U <input checked="" type="checkbox"/> F <input type="checkbox"/> R	ON OFF	For selecting POSITION2 as the shutter speed to be used.
POSITION3 <input type="checkbox"/> C <input type="checkbox"/> U <input checked="" type="checkbox"/> F <input type="checkbox"/> R	ON OFF	For selecting POSITION3 as the shutter speed to be used.
POSITION4 <input type="checkbox"/> C <input type="checkbox"/> U <input checked="" type="checkbox"/> F <input type="checkbox"/> R	ON OFF	For selecting POSITION4 as the shutter speed to be used.
POSITION5 <input type="checkbox"/> C <input type="checkbox"/> U <input checked="" type="checkbox"/> F <input type="checkbox"/> R	ON OFF	For selecting POSITION5 as the shutter speed to be used.
POSITION6 <input type="checkbox"/> C <input type="checkbox"/> U <input checked="" type="checkbox"/> F <input type="checkbox"/> R	ON OFF	For selecting POSITION6 as the shutter speed to be used.

### 7-5-3 SHUTTER SELECT

Item	Variable range	Remarks
POSITION1 SEL For 59.94 Hz  For 50 Hz	<u>1/100</u> 1/120 1/250 1/500 1/1000 1/2000 HALF  <u>1/60</u> 1/120 1/250 1/500 1/1000 1/2000 HALF	For setting the shutter speed for POSITION 1.
<input type="checkbox"/> C <input type="checkbox"/> U <input checked="" type="checkbox"/> F <input type="checkbox"/> R		
POSITION2 SEL For 59.94 Hz  For 50 Hz	<u>1/100</u> 1/120 1/250 1/500 1/1000 1/2000 HALF  <u>1/60</u> 1/120 1/250 1/500 1/1000 1/2000 HALF	For setting the shutter speed for POSITION 2.
<input type="checkbox"/> C <input type="checkbox"/> U <input checked="" type="checkbox"/> F <input type="checkbox"/> R		
POSITION3 SEL For 59.94 Hz  For 50 Hz	<u>1/100</u> 1/120 1/250 1/500 1/1000 1/2000 HALF  <u>1/60</u> 1/120 1/250 1/500 1/1000 1/2000 HALF	For setting the shutter speed for POSITION 3.
<input type="checkbox"/> C <input type="checkbox"/> U <input checked="" type="checkbox"/> F <input type="checkbox"/> R		

The underlining in the variable range column indicates the setting in the preset mode.

# Chapter 7 Menu description tables (continued)

## 7-5-4 USER SW

Item	Variable range	Remarks
POSITION4 SEL For 59.94 Hz	1/100 1/120 1/250 <u>1/500</u> 1/1000 1/2000 HALF	For setting the shutter speed for POSITION 4.
For 50 Hz	1/60 1/120 1/250 <u>1/500</u> 1/1000 1/2000 HALF	
CUFR		
POSITION5 SEL For 59.94 Hz	1/100 1/120 1/250 1/500 <u>1/1000</u> 1/2000 HALF	For setting the shutter speed for POSITION 5.
For 50 Hz	1/60 1/120 1/250 1/500 <u>1/1000</u> 1/2000 HALF	
CUFR		
POSITION6 SEL For 59.94 Hz	1/100 1/120 1/250 1/500 1/1000 <u>1/2000</u> HALF	For setting the shutter speed for POSITION 6.
For 50 Hz	1/60 1/120 1/250 1/500 1/1000 <u>1/2000</u> HALF	
CUFR		

Item	Variable range	Remarks
USER MAIN SW	INH <u>S.GAIN</u> DS.GAIN LINE MIX S.IRIS I.OVR S.BLK B.GAMMA AUDIO CH1 AUDIO CH2 REC SW Y GET RET SW PRE REC DRS	For setting the function to be allocated to the USER MAIN button. For details, refer to "4-9-3 Allocating function to the USER MAIN, USER1 and USER2 buttons.
CUFR		
USER 1 SW	INH S.GAIN DS.GAIN LINE MIX S.IRIS I.OVR S.BLK B.GAMMA AUDIO CH1 AUDIO CH2 REC SW Y GET RET SW <u>PRE REC</u> DRS	For setting the function to be allocated to the USER1 button. For details, refer to "4-9-3 Allocating function to the USER MAIN, USER1 and USER2 buttons.
CUFR		
USER 2 SW	INH S.GAIN DS.GAIN LINE MIX S.IRIS I.OVR S.BLK B.GAMMA AUDIO CH1 AUDIO CH2 REC SW Y GET RET SW PRE REC DRS	For setting the function to be allocated to the USER2 button. For details, refer to "4-9-3 Allocating function to the USER MAIN, USER1 and USER2 buttons.
CUFR		

The underlining in the variable range column indicates the setting in the preset mode.

# Chapter 7 Menu description tables (continued)

## 7-5-5 SW MODE

Item	Variable range	Remarks
RET SW	<u>R.REVIEW</u> CAM RET	For setting the function when the USER button on the unit, to which the RET button of the lens or the RET SW function is allocated, is pressed. <b>R.REVIEW:</b> REC view function It is possible to check a last few seconds of the records taken. <b>CAM RET:</b> Return video function It is possible to confirm the return video signals (analog HD-Y signals) supplied to the GENKLOCK IN connector on the unit by using the viewfinder. <b>&lt;Notes&gt;</b> <ul style="list-style-type: none"> <li>If video signals are input with different formats from the HD-SDI output signals of the unit, the return video images are not displayed properly.</li> <li>When the GENLOCK item (the GENLOCK screen on the SYSTEM SETTING page) is set to INT, the return video image may be displayed as slightly shaking horizontally.</li> </ul>
/C U F R		
S.BLK LVL	OFF -10 -20 -30	For setting the super black level.
/C U F R		
AUTO KNEE SW	ON OFF	For selecting ON/OFF of the AUTO KNEE function. When it is set to OFF, the AUTO KNEE may not function even if the AUTO KNEE switch is turned ON.
S C U F R		
SHD.ABB SW CTL	ON OFF	For the setting to adjust the black shading automatically when the AUTO W/B BAL switch is held to the ABB side for 8 seconds or more.
/C U F R		
COLOR BARS For AJ-HDX900P For AJ-HDX900E	<u>SMPTE</u> FULL <u>BARS</u> SPLIT ARIB	For selecting the color bar to be used. <b>SMPTE:</b> Color bar complied with the SMPTE standards <b>FULL BARS:</b> Full color bar <b>SPLIT:</b> SPLIT color bar for SNG (Satellite News Gathering) <b>ARIB:</b> Color bar complied with the ARIB standards
/C U F R		
S.GAIN OFF	L/M/H <u>S.GAIN</u>	For selecting the method used to release the super gain mode. <b>L/M/H:</b> The mode is released by making a change in the L/M/H switch position and the S.GAIN switch (USER switch). <b>S.GAIN:</b> The mode is released using only the S.GAIN switch (USER switch).
/C U F		
DS.GAIN OFF	L/M/H <u>DS.GAIN</u>	For selecting the method used to release the digital super gain mode (cumulative gain). <b>L/M/H:</b> The mode is released by making a change in the L/M/H switch position and the DS.GAIN switch (USER switch). <b>DS.GAIN:</b> The mode is released using only the DS.GAIN switch (USER switch).
/C U F		

## 7-5-6 WHITE BALANCE MODE

Item	Variable range	Remarks
FILTER INH	ON OFF	For selecting independently whether memory data for white balance (Ach, Bch) is retained or not for the respective CC filters. <b>ON:</b> Regardless of the CC filter, data for the memories (2 memories) for Ach and Bch is retained. <b>OFF:</b> The memory data (8 memories) for Ach and Bch is retained for the respective CC filters.
/C U F R		
SHOCKLESS AWB	OFF FAST <u>NORMAL</u> SLOW1 SLOW2 SLOW3	For setting the length of time for transiting to the switched position of white balance, when the position of the WHITE BAL switch is changed. <b>OFF:</b> To transit instantly <b>FAST:</b> About 1 second <b>NORMAL:</b> About 2 seconds <b>SLOW1:</b> About 3 seconds <b>SLOW2:</b> About 10 seconds <b>SLOW3:</b> About 20 seconds
/C U F R		
AWB AREA	25% 50% 90%	For switching the detection area for executing the automatic adjustment of white balance. <b>25%:</b> An area near the screen center equivalent to 25% of the screen is detected. <b>50%:</b> An area near the screen center equivalent to 50% of the screen is detected. <b>90%:</b> An area equivalent to 90% of the screen is detected.
/C U F R		
COLOR TEMP PRE	2300K ↓ : <u>3200K</u> : 8000K	For setting the color temperature when the WHITE BAL switch is set to the PRST position. <ul style="list-style-type: none"> <li>Depending on the position of the CC filter, the range of available color temperature varies.</li> </ul>
/F		
AWB A TEMP	2300K ↓ : <u>3200K</u> : 8000K	For setting the color temperature when the WHITE BAL switch is set to the A position. If the automatic adjustment of white balance is executed in the A position, the color temperature at that time is memorized in the position of the WHITE BAL switch A.
/F		
AWB B TEMP	2300K ↓ : <u>3200K</u> : 8000K	For setting the color temperature when the WHITE BAL switch is set to the B position. If the automatic adjustment of white balance is executed in the B position, the color temperature at that time is memorized in the position of the WHITE BAL switch B.
/F		

The underlining in the variable range column indicates the setting in the preset mode.

# Chapter 7 Menu description tables (continued)

## 7-5-7 USER SW GAIN

Item	Variable range	Remarks
S.GAIN 30 dB	* ●	For selecting whether or not to enable a setting of 30 dB for SUPER GAIN. * : The 30 dB setting is enabled. ● : The 30 dB setting is disabled.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
36 dB	* ●	For selecting whether or not to enable a setting of 36 dB for SUPER GAIN. * : The 36 dB setting is enabled. ● : The 36 dB setting is disabled.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
DS.GAIN 6 dB ↑	* ●	For selecting whether or not to enable a setting increase of 6 dB for DS.GAIN. * : The 6 dB setting increase is enabled. ● : The 6 dB setting increase is disabled.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
10 dB ↑	* ●	For selecting whether or not to enable a setting increase of 10 dB for DS.GAIN. * : The 10 dB setting increase is enabled. ● : The 10 dB setting increase is disabled.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
12 dB ↑	* ●	For selecting whether or not to enable a setting increase of 12 dB for DS.GAIN. * : The 12 dB setting increase is enabled. ● : The 12 dB setting increase is disabled.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
15 dB ↑	* ●	For selecting whether or not to enable a setting increase of 15 dB for DS.GAIN. * : The 15 dB setting increase is enabled. ● : The 15 dB setting increase is disabled.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
20 dB ↑	* ●	For selecting whether or not to enable a setting increase of 20 dB for DS.GAIN. * : The 20 dB setting increase is enabled. ● : The 20 dB setting increase is disabled.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		

## 7-5-8 LENS/IRIS

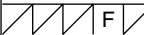
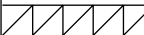
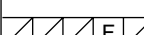
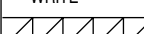
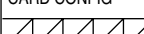
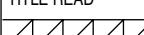
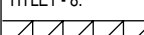
Item	Variable range	Remarks
A.IRIS LEVEL	000 : 045 : 100	For setting the AUTO IRIS target value.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
A.IRIS PEAK/AVE	000 : 030 : 100	For determining the ratio of the peak to the AUTO IRIS reference. The higher the ratio, the greater the response to the peak inside the iris detection window; the lower the ratio, the greater the response to the average value inside the iris detection window.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
A.IRIS WINDOW	NORM1 NORM2 CENTR	For selecting the auto iris detection window. <b>NORM1</b> : Window from the screen center <b>NORM2</b> : Window from the bottom of the screen <b>CENTR</b> : Window in the shape of a spot at the screen center
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
S.IRIS LEVEL	000 : 080 : 100	For setting the target value of the SUPER IRIS (backlight compensation function).
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
IRIS GAIN	CAM LENS	For selecting whether the IRIS GAIN adjustment is executed by the camera or the lens. <b>&lt;Note&gt;</b> For a lens with an extender (×2, ×0.8 etc.) that was manufactured before the DIGI POWER type lens from Fujinon, the IRIS control on the unit will not operate properly when set to the CAM, since IRIS correction control is operated on the lens if the extender is inserted.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		
IRIS GAIN VALUE	01 : 10 : 20	For setting the IRIS GAIN adjustment value. The setting takes effect when IRIS GAIN has been set to CAM.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/> R		

The underlining in the variable range column indicates the setting in the preset mode.

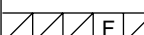
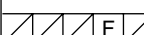
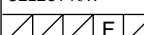

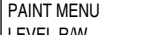
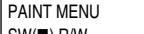
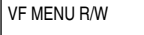
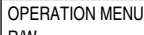

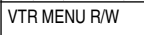
# Chapter 7 Menu description tables (continued)

## 7-6 FILE

### 7-6-1 CARD READ/WRITE

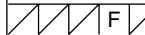
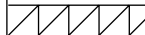
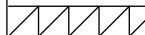

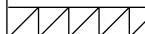
Item	Variable range	Remarks
R.SELECT  F	<u>1</u> 8	For selecting the number of the file whose data is to be read.
READ 		For reading the data from the SD memory card.
W.SELECT  F	<u>1</u> 8	For selecting the number of the file in which the data is to be written.
WRITE 		For writing the data of the camera into the SD memory card.
CARD CONFIG 		For formatting the SD memory card.
TITLE READ 		For reading the title assigned to the data from the SD memory card.
TITLE1 - 8: 		For setting a title consisting of not more than 8 characters.

### 7-6-2 CARD R/W SELECT

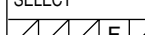
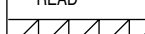
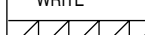
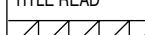
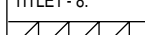
Item	Variable range	Remarks
SYSTEM MODE R/W  F	ON <u>OFF</u>	For selecting whether or not to handle the SYSTEM MODE item and the CAMERA MODE item for CARD READ/WRITE.
ID READ/WRITE  F	ON <u>OFF</u>	For selecting whether or not to handle the CAMERA ID during CARD READ/WRITE data operations.
USER MENU SELECT R/W  F	ON <u>OFF</u>	For selecting whether or not to handle the USER MENU SELECT settings during CARD READ/ WRITE data operations.
SYSTEM SETTING R/W  F	ON <u>OFF</u>	For selecting whether the items for SYSTEM SETTING (other than the SYSTEM MODE item and the CAMERA MODE item) and the OPTION MENU are handled or not for CARD READ/WRITE.
PAINT MENU LEVEL R/W  F	ON <u>OFF</u>	For selecting whether or not to handle the PAINT MENU adjustment values during CARD READ/WRITE data operations.
PAINT MENU SW(■) R/W  F	ON <u>OFF</u>	For selecting whether or not to handle the PAINT MENU settings during CARD READ/ WRITE data operations.
VF MENU R/W  F	ON <u>OFF</u>	For selecting whether or not to handle the VF MENU settings during CARD READ/WRITE data operations.
OPERATION MENU R/W  F	ON <u>OFF</u>	For selecting whether or not to handle the OPERATION MENU settings during CARD READ/WRITE data operations.
MAINTENANCE MENU R/W  F	ON <u>OFF</u>	For selecting whether or not to handle the MAINTENANCE MENU settings during CARD READ/WRITE data operations.
VTR MENU R/W  F	ON <u>OFF</u>	For selecting whether or not to handle the VTR MENU settings during CARD READ/ WRITE data operations.

The underlining in the variable range column indicates the setting in the preset mode.


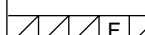
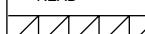
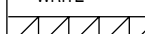
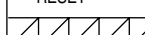
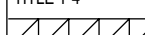
### 7-6-3 LENS FILE

Item	Variable range	Remarks
FILE SELECT  F	<u>1</u> 8	For selecting the number of the lens file.
READ 		For reading the data from the lens file.
WRITE 		For writing the data in the lens file.
RESET ALL 		For resetting the data of the lens file.
TITLE1-8 	*****	For setting a title consisting of not more than 12 characters.

### 7-6-4 LENS FILE CARD R/W

Item	Variable range	Remarks
CARD FILE SELECT  F	<u>1</u> 8	For selecting the number of the lens file.
READ 		For reading the lens file data from the SD memory card.
WRITE 		For writing the lens file data into the SD memory card.
TITLE READ 		For reading the title of the lens file.
TITLE1 - 8: 	*****	For setting a title consisting of not more than 12 characters.

### 7-6-5 SCENE

Item	Variable range	Remarks
READ USER DATA 		For reading the data from the memory's user area.
SCENE SEL  F	<u>1</u> 4	For selecting the scene file.
READ 		For reading the data from the scene file.
WRITE 		For writing the data in the scene file.
RESET 		For returning the SCENE FILE values to the initial values.
TITLE 1-4 	*****	For creating a title for a scene file.

For details, refer to "4-10 Set data handling."

## 7-7 MAINTENANCE

### 7-6-6 INITIALIZE

Item	Variable range	Remarks
READ FACTORY DATA		For returning the state of the unit to factory settings. <b>Data returned to factory settings</b> <ul style="list-style-type: none"> <li>• User data</li> <li>• Scene file</li> </ul> <b>Data not returned to factory settings</b> <ul style="list-style-type: none"> <li>• Lens file</li> <li>• Black shading</li> <li>• White shading</li> </ul>
WRITE USER DATA		The menu data that is inherent to the user are saved in user data memory on the unit.

For details, refer to “4-10 Set data handling.”

### 7-7-1 SYSTEM CHECK

Item	Variable range	Remarks
COLOR CHECK	ON OFF	For checking whether the camera unit operates properly. <b>ON:</b> The signal level of RGB near the center of the screen is displayed in the viewfinder. It indicates with numeric values that the respective RGB signals are properly transmitted from the optical system to the digital system and processed. <b>OFF:</b> Not display

### 7-7-2 DIAGNOSTIC

Item	Variable range	Remarks
CAMSOFT(IN)		For displaying the version of the software used for the flash memory incorporated in the microcomputer.
CAMSOFT(OUT)		For displaying the version of the software used for the externally connected flash memory.
CAM TABLE		For displaying the version of the tables.
FONT ROM		For displaying the version of the font used for the characters.
FPGA (CHAR)		For displaying the version of the FPGA for characters.
FPGA (FM)		For displaying the version of the FPGA for frame memories.
FPGA (D/C)		For displaying the version of the FPGA for down converters.
FPGA (TG)		For displaying the version of the FPGA for the CCD drive.










### 7-7-3 LENS ADJ

Item	Variable range	Remarks
F2.8 ADJ	ON OFF	The iris is set to f/2.8 only when ON is set for this item.
F16 ADJ	ON OFF	The iris is set to f/16 only when ON is set for this item.










The underlining in the variable range column indicates the setting in the preset mode.

# Chapter 7 Menu description tables (continued)

























## 7-7-4 BLACK SHADING

Item	Variable range	Remarks
CORRECT	ON OFF	For selecting ON or OFF for the digital black shading compensation.
 C    U    F    R		
DETECTION (DIG)	-	For executing the digital black shading compensation.
    		

## 7-7-5 WHITE SHADING

Item	Variable range	Remarks
CORRECT	ON OFF	For selecting ON or OFF for the white shading compensation.
 C    U    F    R		
R H SAW R H PARA R V SAW R V PARA G H SAW G H PARA G V SAW G V PARA B H SAW B H PARA B V SAW B V PARA	-255 : +000 : +255	For executing the white shading compensation manually. The sawteeth-shaped waveform and the parabola waveform of the respective RGB channels are adjusted in the horizontal direction and the vertical direction.
    		

## 7-7-6 LENS FILE ADJ

Item	Variable range	Remarks
RB GAIN CTRL RESET	ON OFF	<b>ON:</b> The gains of Rch and Bch adjusted in 7-3-1 <RB GAIN CONTROL> screen are reset. Furthermore, the flare levels of Rch, Gch and Bch that are adjusted on 7-3-2 <RGB BLACK CONTROL> screen are reset. <b>OFF:</b> The gains of Rch and Bch adjusted in 7-3-1 <RB GAIN CONTROL> screen are enabled. Furthermore, the flare levels of Rch, Gch and Bch that are adjusted on 7-3-2 <RGB BLACK CONTROL> screen are enabled.
   		
LENS R GAIN OFFSET	-200 : +000 : +200	For compensating Rch sensitivity of the lens used.
   F   		
LENS B GAIN OFFSET	-200 : +000 : +200	For compensating Bch sensitivity of the lens used.
   F   		
LENS R FLARE	000 : 100	For adjusting the flare level of Rch.
   F   		
LENS G FLARE	000 : 100	For adjusting the flare level of Gch.
   F   		
LENS B FLARE	000 : 100	For adjusting the flare level of Bch.
   F   		

- Data adjusted on the LENS FILE ADJ screen can be stored on an SD memory card as a lens file.

The underlining in the variable range column indicates the setting in the preset mode.

# Chapter 7 Menu description tables (continued)

## 7-8 VTR MENU

### 7-8-1 VTR FUNCTION

Item	Variable range	Remarks
HUMID OPE	ON <u>OFF</u>	For selecting whether or not to continue operation when HUMID alarm state has occurred. <b>ON:</b> Operation continues until tape slack is detected even when the HUMID alarm state has occurred during operation. <b>OFF:</b> Operation is stopped as soon as the HUMID alarm state occurs. If the HUMID alarm state occurs during recording, the recording operation will continue unless tape slack is detected regardless of whether ON or OFF has been selected as this item's setting.
/ C U F /		
REC START	ALL <u>NORMAL</u>	For selecting how recording start is to be accepted.
/ C U F /		
PAUSE TIMER	10min 20min <u>30min</u> 60min	For selecting the time during which REC/PAUSE is to continue.
/ C U F /		
RC CHECK SW	R.REVIEW <u>RETAKE</u>	For setting the operations of the unit by using the REC check button on the remote control unit. <b>R.REVIEW:</b> The rec-review operation is performed. <b>RETAKE:</b> The retake operation is performed, after which playback is initiated automatically.
/ C U F /		
COMPRESSION MODE	<u>NORMAL</u> DARK	For selecting the DVCPRO compression mode. ● This is enabled when the recording format is set to 720P. <b>NORMAL:</b> Normal shooting shall be executed in this mode. <b>DARK:</b> Distortion of compressed video images that may occur at dark parts on the video images can be suppressed in this mode. Distortion of compressed video images on other parts may increase.
/ C U F /		

### 7-8-2 BATTERY/TAPE

Item	Variable range	Remarks
BATTERY SELECT	PROPAC14 TRIMPAC14 HYTRON50 HYTRON120 DIONIC90 DIONIC160 NP-L7 ENDURA7 ENDURA10 ENDURA D PAG L95 BP-GL65/95 NICD14 TYPE A TYPE B	For selecting the type of battery to be used. The remaining charge is detected in accordance with the battery which has been selected. The variable range is changed by the item settings selected on the "7-8-3 BATTERY SETTING1" and "7-8-4 BATTERY SETTING2" menus. The initial value for TYPE A is set to DIONIC100 while the same for TYPE B is set to HYTRON100.
/ C U F /		
EXT DC IN SELECT	AC_ADPT PROPAC14 TRIMPAC14 HYTRON50 HYTRON120 DIONIC90 DIONIC160 NP-L7 ENDURA7 ENDURA10 ENDURA D PAG L95 BP-GL65/95 NICD14 TYPE A TYPE B	For selecting the external power supply to connect to the DC IN socket. The variable range is changed by the item settings selected on the "7-8-3 BATTERY SETTING1" and "7-8-4 BATTERY SETTING2" menus. Analog voltage is displayed on the viewfinder screen.
/ C U F /		
BATT NEAR END ALARM	ON <u>OFF</u>	For setting whether or not to output the warning tone when the battery charge is nearly depleted.
/ C U F /		
BATT NEAR END CANCEL	ON <u>OFF</u>	When this item is set to ON, the warning tone and the warning display which are being output can be canceled by pressing the MODE CHECK button when the battery charge is nearly depleted.
/ C U F /		
BATT END ALARM	ON <u>OFF</u>	For setting whether or not to output the warning tone when the battery charge is depleted.
/ C U F /		
BATT REMAIN FULL	100% <u>70%</u>	For setting when the remaining charge display bar on the LCD is to be displayed when a digital battery is used. <b>70%:</b> A full charge is indicated with a 70% display <b>100%:</b> A full charge is indicated with a 100% display.
/ C U F /		
TAPE NEAR END ALARM	ON <u>OFF</u>	For setting whether or not to output the warning tone when the tape is nearly at its end.
/ C U F /		
TAPE NEAR END TIME	3min <u>2min</u>	For setting the remaining tape time at which to sound the warning that the tape has only the designated amount of time (2min. or 3min.) remaining.
/ C U F /		
TAPE END ALARM	<u>ON</u> OFF	For setting whether or not to output the warning tone when the tape reaches the end.
/ C U F /		
TAPE REMAIN/■	5min/■ <u>3min/■</u>	For setting the time of each segment (■) that makes up the remaining time display bar on the LCD. <b>5min:</b> Each segment denotes a remaining time of 5 minutes. <b>3min:</b> Each segment denotes a remaining time of 3 minutes.
/ C U F /		

The underlining in the variable range column indicates the setting in the preset mode.

## 7-8-3 BATTERY SETTING1

Item	Variable range	Remarks
PROPAC14	* /	For enabling or disabling the selection made for the BATTERY SELECT item. * : The selection is enabled. / : The selection is disabled.
	AUTO MANUAL	For selecting how the voltage at which the battery charge is considered nearly depleted is to be set. <b>AUTO:</b> The voltage is set automatically. <b>MANUAL:</b> The voltage is set manually.
	11.0 : <u>13.8</u> : 15.0	For selecting the voltage at which the battery charge is to be considered nearly depleted in 0.1 V steps when MANUAL has been selected as the setting for the menu item above.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/>		
TRIMPAC14	* /	For enabling or disabling the selection made for the BATTERY SELECT item. * : The selection is enabled. / : The selection is disabled.
	AUTO MANUAL	For selecting how the voltage at which the battery charge is considered nearly depleted is to be set. <b>AUTO:</b> The voltage is set automatically. <b>MANUAL:</b> The voltage is set manually.
	11.0 : <u>13.6</u> : 15.0	For selecting the voltage at which the battery charge is to be considered nearly depleted in 0.1 V steps when MANUAL has been selected as the setting for the menu item above.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/>		
HYTRON50	* /	For enabling or disabling the selection made for the BATTERY SELECT item. * : The selection is enabled. / : The selection is disabled.
	AUTO MANUAL	For selecting how the voltage at which the battery charge is considered nearly depleted is to be set. <b>AUTO:</b> The voltage is set automatically. <b>MANUAL:</b> The voltage is set manually.
	11.0 : <u>13.2</u> : 15.0	For selecting the voltage at which the battery charge is to be considered nearly depleted in 0.1 V steps when MANUAL has been selected as the setting for the menu item above.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/>		
HYTRON120	* /	For enabling or disabling the selection made for the BATTERY SELECT item. * : The selection is enabled. / : The selection is disabled.
	AUTO MANUAL	For selecting how the voltage at which the battery charge is considered nearly depleted is to be set. <b>AUTO:</b> The voltage is set automatically. <b>MANUAL:</b> The voltage is set manually.
	11.0 : <u>13.0</u> : 15.0	For selecting the voltage at which the battery charge is to be considered nearly depleted in 0.1 V steps when MANUAL has been selected as the setting for the menu item above.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/>		

Item	Variable range	Remarks
DIONIC90	* /	For enabling or disabling the selection made for the BATTERY SELECT item. * : The selection is enabled. / : The selection is disabled.
	AUTO MANUAL	For selecting how the voltage at which the battery charge is considered nearly depleted is to be set. <b>AUTO:</b> The voltage is set automatically. <b>MANUAL:</b> The voltage is set manually.
	11.0 : <u>13.6</u> : 15.0	For selecting the voltage at which the battery charge is to be considered nearly depleted in 0.1 V steps when MANUAL has been selected as the setting for the menu item above.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/>		
DIONIC160	* /	For enabling or disabling the selection made for the BATTERY SELECT item. * : The selection is enabled. / : The selection is disabled.
	AUTO MANUAL	For selecting how the voltage at which the battery charge is considered nearly depleted is to be set. <b>AUTO:</b> The voltage is set automatically. <b>MANUAL:</b> The voltage is set manually.
	11.0 : <u>13.1</u> : 15.0	For selecting the voltage at which the battery charge is to be considered nearly depleted in 0.1 V steps when MANUAL has been selected as the setting for the menu item above.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/>		
NP-L7	* /	For enabling or disabling the selection made for the BATTERY SELECT item. * : The selection is enabled. / : The selection is disabled.
	AUTO MANUAL	For selecting how the voltage at which the battery charge is considered nearly depleted is to be set. <b>AUTO:</b> The voltage is set automatically. <b>MANUAL:</b> The voltage is set manually.
	11.0 : <u>12.9</u> : 15.0	For selecting the voltage at which the battery charge is to be considered nearly depleted in 0.1 V steps when MANUAL has been selected as the setting for the menu item above.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/>		
ENDURA7	* /	For enabling or disabling the selection made for the BATTERY SELECT item. * : The selection is enabled. / : The selection is disabled.
	AUTO MANUAL	For selecting how the voltage at which the battery charge is considered nearly depleted is to be set. <b>AUTO:</b> The voltage is set automatically. <b>MANUAL:</b> The voltage is set manually.
	11.0 : <u>13.2</u> : 15.0	For selecting the voltage at which the battery charge is to be considered nearly depleted in 0.1 V steps when MANUAL has been selected as the setting for the menu item above.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/>		

- When the digital battery is attached in the unit, the remaining capacity of the battery is displayed in percent.

The underlining in the variable range column indicates the setting in the preset mode.

## Chapter 7 Menu description tables (continued)

### 7-8-4 BATTERY SETTING2

Item	Variable range	Remarks
ENDURA10	* /	For enabling or disabling the selection made for the BATTERY SELECT item. * : The selection is enabled. / : The selection is disabled.
	AUTO MANUAL	For selecting how the voltage at which the battery charge is considered nearly depleted is to be set. <b>AUTO:</b> The voltage is set automatically. <b>MANUAL:</b> The voltage is set manually.
	11.0 : <u>13.2</u> : 15.0	For selecting the voltage at which the battery charge is to be considered nearly depleted in 0.1 V steps when MANUAL has been selected as the setting for the menu item above.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/>		
ENDURA-D	* /	For enabling or disabling the selection made for the BATTERY SELECT item. * : The selection is enabled. / : The selection is disabled.
	AUTO MANUAL	For selecting how the voltage at which the battery charge is considered nearly depleted is to be set. <b>AUTO:</b> The voltage is set automatically. <b>MANUAL:</b> The voltage is set manually.
	11.0 : <u>13.2</u> : 15.0	For selecting the voltage at which the battery charge is to be considered nearly depleted in 0.1 V steps when MANUAL has been selected as the setting for the menu item above.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/>		
PAG L95	* /	For enabling or disabling the selection made for the BATTERY SELECT item. * : The selection is enabled. / : The selection is disabled.
	AUTO MANUAL	For selecting how the voltage at which the battery charge is considered nearly depleted is to be set. <b>AUTO:</b> The voltage is set automatically. <b>MANUAL:</b> The voltage is set manually.
	11.0 : <u>13.5</u> : 15.0	For selecting the voltage at which the battery charge is to be considered nearly depleted in 0.1 V steps when MANUAL has been selected as the setting for the menu item above.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/>		
BP-GL65/95	* /	For enabling or disabling the selection made for the BATTERY SELECT item. * : The selection is enabled. / : The selection is disabled.
	AUTO MANUAL	For selecting how the voltage at which the battery charge is considered nearly depleted is to be set. <b>AUTO:</b> The voltage is set automatically. <b>MANUAL:</b> The voltage is set manually.
	11.0 : <u>13.6</u> : 15.0	For selecting the voltage at which the battery charge is to be considered nearly depleted in 0.1 V steps when MANUAL has been selected as the setting for the menu item above.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/>		

Item	Variable range	Remarks	
NICD14	* /	For enabling or disabling the selection made for the BATTERY SELECT item. * : The selection is enabled. / : The selection is disabled.	
	NEAR END	11.0 : <u>13.8</u> : 15.0	For selecting in 0.1 V steps the voltage at which the battery charge is to be considered nearly depleted.
	END	11.0 : <u>13.2</u> : 15.0	For selecting in 0.1 V steps the voltage at which the battery charge is to be considered depleted.
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/>			
TYPE A	* /	For enabling or disabling the selection made for the BATTERY SELECT item. * : The selection is enabled. / : The selection is disabled.	
	FULL	12.0 : <u>14.6</u> : 17.0	For selecting in 0.1 V steps the voltage at which FULL is to be displayed.
	NEAR END	11.0 : <u>13.6</u> : 15.0	For selecting in 0.1 V steps the voltage at which the battery charge is to be considered nearly depleted.
END	11.0 : <u>12.9</u> : 15.0	For selecting in 0.1 V steps the voltage at which the battery charge is to be considered depleted.	
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/>			
TYPE B	* /	For enabling or disabling the selection made for the BATTERY SELECT item. * : The selection is enabled. / : The selection is disabled.	
	FULL	12.0 : <u>15.2</u> : 17.0	For selecting in 0.1 V steps the voltage at which FULL is to be displayed.
	NEAR END	11.0 : <u>13.0</u> : 15.0	For selecting in 0.1 V steps the voltage at which the battery charge is to be considered nearly depleted.
END	11.0 : <u>12.4</u> : 15.0	For selecting in 0.1 V steps the voltage at which the battery charge is to be considered depleted.	
<input type="checkbox"/> C <input type="checkbox"/> U <input type="checkbox"/> F <input type="checkbox"/>			

- When the digital battery is attached in the unit, the remaining capacity of the battery is displayed in percent.

The underlining in the variable range column indicates the setting in the preset mode.

# Chapter 7 Menu description tables (continued)

## 7-8-5 MIC/AUDIO1

Item	Variable range	Remarks
FRONT VR CH1 / C U F /	FRONT W.L. REAR ALL OFF	For setting whether or not to make the audio control operational for the input system selected for CH1.
FRONT VR CH2 / C U F /	FRONT W.L. REAR ALL OFF	For setting whether or not to make the audio control operational for the input system selected for CH2.
MIC LOWCUT CH1 / C U F /	FRONT REAR W.L. OFF	For selecting the microphone low-cut filter for CH1.
MIC LOWCUT CH2 / C U F /	FRONT REAR W.L. OFF	For selecting the microphone low-cut filter for CH2.
MIC LOWCUT CH3 / C U F /	FRONT REAR W.L. OFF	For selecting the microphone low-cut filter for CH3.
MIC LOWCUT CH4 / C U F /	FRONT REAR W.L. OFF	For selecting the microphone low-cut filter for CH4.
LIMITER CH1 / C U F /	ON OFF	For selecting the limiter for CH1.
LIMITER CH2 / C U F /	ON OFF	For selecting the limiter for CH2.
AUTO LEVEL CH3 / C U F /	ON OFF	For selecting the automatic adjustment of the recording level.
AUTO LEVEL CH4 / C U F /	ON OFF	For selecting the automatic adjustment of the recording level.
CUE REC SELECT / C U F /	CH1 CH2 CH3 CH4 CH1+2 CH3+4	For selecting the signals to be recorded on the CUE track.

**<Note>**

The frequency characteristics when the microphone low-cut filter is applied are 200 Hz to 10 kHz.

Item	Variable range	Remarks
TEST TONE / C U F /	<u>NORMAL</u> ALWAYS OFF CHSEL	For selecting the test signal. <b>NORMAL:</b> The test tone signal is output to all the channels when the CAM/BAR switch has been set to BAR and the CH1 AUDIO IN switch has been set to FRONT. <b>ALWAYS:</b> The test tone signal is always output to all the channels when the CAM/ BAR switch has been set to BAR. <b>OFF:</b> The test tone signal is not output. <b>CHSEL:</b> The test tone signal is output to the channels for which the CH1 or CH2 AUDIO IN switch has been set to FRONT when the CAM/BAR switch is set to BAR. It is not output to CH3 or CH4.

## 7-8-6 MIC/AUDIO2

Item	Variable range	Remarks
FRONT MIC POWER / C U F /	ON OFF	For selecting the phantom power supply for the front microphone.
REAR MIC POWER / C U F /	ON OFF	For selecting the phantom power supply for the rear microphone.
MONITOR SELECT / C U F /	<u>STEREO</u> MIX	For selecting the format of the signals to be output to the monitor.
FRONT MIC LEVEL / C U F /	<u>-40dB</u> -50dB	For selecting the input level of the front microphone.
REAR MIC CH1 LVL / C U F /	-50dB <u>-60dB</u>	For selecting the input level of the rear microphone.
REAR MIC CH2 LVL / C U F /	-50dB <u>-60dB</u>	For selecting the input level of the rear microphone.
REAR LINE IN LVL For AJ-HDX900E For AJ-HDX900P / C U F /	-3dB <u>0dB</u> <u>+4dB</u>	For selecting the rear line input level.
AUDIO OUT LVL For AJ-HDX900E For AJ-HDX900P / C U F /	-3dB <u>0dB</u> <u>+4dB</u>	For selecting the rear audio output level.
HEADROOM For AJ-HDX900E For AJ-HDX900P / C U F /	<u>18dB</u> <u>20dB</u>	For setting the headroom (reference level).
WIRELESS WARN / C U F /	ON OFF	For selecting whether or not to output warnings when the reception of the wireless receiver is poor.

The underlining in the variable range column indicates the setting in the preset mode.

# Chapter 7 Menu description tables (continued)

## 7-8-7 TC/UB

Item	Variable range	Remarks
TC MODE	DF NDF	For selecting the mode advancing the time code. <b>DF:</b> Drop frame <b>NDF:</b> Non-drop frame <Note> When the system frequency is set to 50 Hz, the mode is the non-drop frame mode.
/C U F/		
UB MODE	USER TIME DATE EXT TCG FRM RATE REGEN	For selecting the users bits to record in the LTC area. <b>USER:</b> For recording the user setting values. (fixed values) <b>TIME:</b> For recording the local time. (hour, minute, second) <b>DATE:</b> For recording the local date and time. (2 digits for year, month, day, time) <b>EXT:</b> For recording the users bits of the time code input in the TC IN connector. If the users bits cannot be read, the user setting values are recorded. <b>TCG:</b> For recording the value of the time code generator. <b>FRM RATE:</b> For recording the shooting information (frame rate etc.) of the camera. <b>REGEN:</b> For reading the value recorded on the tape and recording the value continuously. <Note> When the recording format is set to 720P, it follows the settings of FRAME RATE UB in 7-9-1 <OPTION> screen.
/C U F/		
VITC UB MODE	USER/EXT TIME DATE TCG FRM RATE REGEN	For selecting the users bits to record in the VITC area. <b>USER/EXT:</b> When the UB MODE item is set to EXT, the users bits of the time core input in the TC IN connector is recorded. If it is set to any option other than EXT, the user setting value is recorded. <b>TIME:</b> For recording the local time. (hour, minute, second) <b>DATE:</b> For recording the local date and time. (2 digits for year, month, day, time) <b>TCG:</b> For recording the value of the time code generator. <b>FRM RATE:</b> For recording the shooting information (frame rate etc.) of the camera. <b>REGEN:</b> For reading the value recorded on the tape and recording the value continuously. <Note> When the video system is set to 24P or 24PA, or when the recording format is set to 720P, it follows the settings of FRAME RATE UB in 7-9-1 <OPTION> screen.
/C U F/		

Item	Variable range	Remarks
TCG SET HOLD	ON OFF	For selecting ON or OFF for the function that without fail uses what was previously set as the TCG value for recording when the TCG value had been set before the power was turned off and recording was then performed after the power was turned back on again.
/C U F/		
FIRST REC TC	REGEN PRESET	For selecting whether or not to regenerate the time code as the value on the tape during the first recording after the power was turned on, the cassette was inserted or a playback or search operation was performed.
/C U F/		
P.OFF LCD DISPLAY	ON OFF	For selecting whether or not to set the LCD's time code and display its count while the power is off. <b>ON:</b> The time code can be set and displayed even while the power is off. <b>OFF:</b> While the power is off, the power to the LCD section is turned off, and the time code can be neither set nor displayed.
/C U F/		
TC OUT	TCG TCG/TCR	For selecting the time code to be output to the TC OUT connector. <b>TCG:</b> The time code generator value is always output. <b>TCG/TCR:</b> In the EE mode, the time code generator value is output from the connectors; in the playback mode, it is the time code reader value which is output.
/C U F/		
TC DISP SEL	30F 24F	For selecting the display format to be used for the frame digits of the time code. <b>30F:</b> A number up to 30 frames is indicated in frame digits of the time code. <b>24F:</b> A number up to 24 frames is indicated in frame digits of the time code. <Note> When the system frequency is set to 50 Hz, 25 frames are displayed.
/C U F/		
TC VIDEO SYNCRO	0 1 2 3	For setting to correct the time code according to the delay of video signals. <b>0:</b> Do not correct. <b>1:</b> To delay the time code to be input according to the timing of the video images. <b>2:</b> To forward the time code to be output according to the timing of the video images. <b>3:</b> To delay the time code to be input and forward the time code to be output, respectively, according to the timing of the video images. For details, refer to "4-5-4 Externally locking the time code".
/C U F/		
REC REVIEW REGEN	ON OFF	For selecting whether the time code is regenerated to the value on the tape or not, when subsequent recording starts after setting the RET SW item on the SW MODE screen to R.REVIEW and pressing the RET button on the lens or the USER button on the unit on which the RET SW function is assigned. <b>ON:</b> The time code is regenerated to the value on the tape. <b>OFF:</b> The time code is not regenerated.
/C U F/		

The underlining in the variable range column indicates the setting in the preset mode.

# Chapter 7 Menu description tables (continued)

## 7-9 OPTION MENU

### 7-8-8 UMID SET/INFO

Item	Variable range	Remarks
COUNTRY / C U F /	<u>NO-INFO</u>	For inputting the name of the user's country. "NO-INFO" is displayed until this is input.
ORGANIZATION / C U F /	<u>NO-INFO</u>	For inputting the name of the user's organization or company. "NO-INFO" is displayed until this is input.
USER / C U F /	<u>NO-INFO</u>	For inputting the user's name. "NO-INFO" is displayed until this is input.
DEVICE NODE / / / / /		For displaying the ID number of the product.

### 7-8-9 VTR DIAG

Item	Variable range	Remarks
OPERATION / / / / /		For displaying the total time during which the power has been on.
DRUM RUNNING / / / / /		For displaying the total time during which the drum has rotated.
THREADING / / / / /		For displaying the total number of times cassettes have been loaded.
DRUM RUNNING r / / / / /		For displaying the total time during which the drum has rotated after resetting.
THREADING r / / / / /		For displaying the total number of times cassettes have been loaded after resetting.
VTR SYSCON / / / / /		For displaying the software version of the VTR SYSCON microcomputer.
SERVO / / / / /		For displaying the software version of the SERVO microcomputer.
LCD / / / / /		For displaying the software version of the LCD microcomputer.
VIDEO FPGA / / / / /		For displaying the version of the FPGA for video signal processing.
PWR PLD / / / / /		For displaying the version of the PLD for controlling the SD memory card.

### 7-9-1 OPTION

Item	Variable range	Remarks
ENG SECURITY / / / / /	<u>ON</u> OFF	For selecting whether or not to place a restriction on the opening and closing of the MENU screen. <b>ON:</b> The MENU screen can no longer be opened. To release this restriction, consult your dealer. <b>OFF:</b> No restriction is placed on the opening and closing of the MENU screen.
TOTAL CHROMA G / C / / / /	-40 : <u>+00</u> : +40	For setting the chroma level of the Pr signals and the Pb signals.
CHROMA OUTPUT / C / / / /	<u>ON</u> OFF	When this is set to OFF, the color elements of the video signals are eliminated.
FRAME RATE UB / C / / / /	<u>FRAME RATE</u> MENU	For setting the users bits to record when the video system is set to 24P or 24PA, or when the recording format is set to 720P. <b>FRAME RATE:</b> For recording the shooting information (frame rate etc.) of the camera <b>MENU:</b> This follows the settings in the UB MODE item and the VITC UB MODE item of 7-8-7 <TC/UB> screen.
1394 CONFIG / C / / / /	<u>DFLT</u> 1 : 255	This is the menu for expanding the DCVPRO connector. Use with DFLT in normal operation.
1394 GAP COUNT / C / / / /	0 : <u>40</u> : 63	For setting the interval between packets.

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The underlining in the variable range column indicates the setting in the preset mode.