

Panasonic Broadcast

AJ-D230H Menu Information

Set-up (Default Settings)

The VTR's major settings are performed by making selections using a menu system. The set-up menus appear on the TV monitor when it is connected to the MONITOR OUT connector.

Changing a setting

- 1** Set the VTR to the menu mode.
(Set the LOCAL/MENU/REMOTE switch to the MENU position.)
- 2** Select the item to be set using the UP (FF) and DOWN (STOP) buttons. The cursor on the menu screen moves and selects the item.
The cursor (*) is moved to the previous set-up menu item number using the DOWN button and the next set-up menu item number using the UP button.
- 3** Press the DATA+ (PAUSE/STILL) button or DATA- (PLAY) button to change the setting.
- 4** Upon completion of the setting, press the SET (REC) button.
The change is now stored in the memory.

To return from the new setting to the original setting, set the LOCAL/MENU/REMOTE switch to the LOCAL or REMOTE position instead of pressing the SET (REC) button.

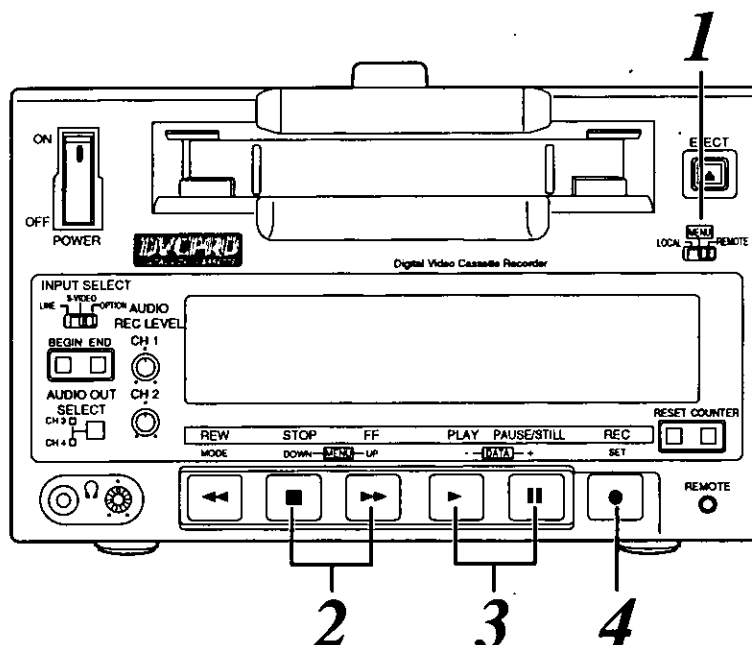
- 5** Set the LOCAL/MENU/REMOTE switch to the LOCAL or REMOTE position.

<Note>

To return the setup selections to the factory (default) settings, press the RESET button while the SETUP menu is shown. The following message is then displayed.

SETUP-MENU INIT. SET
OK? (PUSH REC KEY)

- The default settings will be restored when the REC button is pressed.



Set-up Menus

BASIC menu

Item		Setting		Description of settings
No.	Superimposed display	No.	Superimposed display	
000	DISPLAY SEL	<u>0000</u> 0001 0002	<u>OFF</u> TIME T, STA	This sets what is to be displayed for the superimpose signals output from the MONITOR OUT connector. 0: No display 1: Only the time is displayed. 2: The time and operation mode are displayed.
001	CHARA H-POS	0000 0001 : <u>0003</u> : 0007	0 1 : <u>3</u> : 7	This sets the horizontal position of the superimposed characters (8 settings to choose from).
002	CHARA V-POS	0000 0001 : 0003 : <u>0007</u>	0 1 : 3 : <u>7</u>	This sets the vertical position of the superimposed characters (8 settings to choose from).
003	CHARA TYPE	<u>0000</u> 0001	<u>WHITE</u> W/OUT	This selects the type of characters for the superimposed display and menu display. 0: White characters appear on a black back ground. 1: White characters with black borders appear.
005	MENU INHIBIT	<u>0000</u> 0001	<u>OFF</u> ON	This selects whether or not the menu settings are to be fixed. 0: The settings are not fixed. 1: The settings are fixed (and cannot be changed).

The underlined number and item are the factory settings.

<Notes>

- While setting "CHARA H-POS", "CHARA V-POS", and "CHARA TYPE", the counter display can be viewed by holding down the MODE button, allowing you to check the settings. You can also use the DATA+ and DATA- buttons while holding down the MODE button to adjust the values while you are viewing them.
- To set ON or OFF for the "MENU INHIBIT" item, first press the DATA+ or DATA- button while holding down the MODE button, and then select the setting.
Continuously after performing the settings, press the SET button (REC button) to exit the menu. The MENU INHIBIT setting takes effect starting with the next menu mode.

Set-up Menus

OPERATION menu

Item		Setting		Description of settings
No.	Superimposed display	No.	Superimposed display	
100	LOCAL ENABLE	<u>0000</u> 0001	DISABLE <u>ST. EJ</u>	This selects the switches on the front panel which can be operated in the remote control mode. 0: None of the switches can be operated. 1: Only the STOP and EJECT switches can be operated.
101	TAPE TIMER	<u>0000</u> 0001	<u>12H</u> 24H	This selects the CTL counter display. 0: ±12-hour display 1: 24-hour display
102	S/F/R EE SEL	<u>0000</u> 0001	<u>EE</u> TAPE	This selects the EE/VV output during stop, fast forwarding or rewinding. 0: EE is output. 1: VV is output.
103	WIDE MODE	<u>0000</u> 0001 0002	<u>AUTO</u> WIDE NORMAL	This selects the WIDE mode. 0: Automatic detection. 1: The screen mode is forcibly treated as WIDE. 2: The screen mode is forcibly treated as NORMAL.
104	TAPE IN MODE	<u>0000</u> 0001 0002 0003	<u>STOP</u> REW PAUSE PLAY	This selects the operation which follows when the cassette is inserted. 0: STOP 1: Rewind 2: Play pause 3: Play
105	TAPE END MODE	<u>0000</u> 0001 0002 0003	<u>STOP</u> REW REW→EJ EJECT	This selects the operation which follows when the tape has reached the end. 0: Stop 1: Rewind 2: This rewinds the tape and ejects it upon completion of rewinding. 3: Eject
106	SERVO REF	<u>0000</u> 0001	<u>AUTO</u> EXT	This selects the sync signals of the servo. 0: Synchronization with the input signals; if no input signals are present, synchronization with the internal signals. 1: During playback, synchronization with the SYNC IN signals; if these signals are not present, synchronization with the internal signals.
<p>(AUTO) VIDEO IN connector:</p> <ul style="list-style-type: none"> • Synchronized playback is performed using standard video signals. • With non-standard video signals, the switching is performed in such a way that playback is synchronized with the internal signals. <p>(EXT) SYNC IN connector:</p> <ul style="list-style-type: none"> • Use standard signals as the SYNC signals. Non-standard signals cannot be used. Use of the BB (black burst) signal is recommended. • When an out-of-sync state occurs due to SYNC signal switching or interruption Set to the STOP EE mode or eject the cassette and then re-load it. This makes it possible for the synchronization to be reset. 				
107	AUTO BACK	<u>0000</u> <u>0001</u>	OFF <u>ON</u>	This selects whether to automatically reverse (auto back) the tape to achieve back-space assemble recording. 0: No auto back 1: Auto back

The underlined number and item are the factory settings.

Set-up Menus

OPERATION menu

Item		Setting		Description of settings																			
No.	Superimposed display	No.	Superimposed display																				
108	FORMAT SEL	<u>0000</u> 0001 0002	<u>DVCPRO</u> DV DVCAM	This selects the format when an L cassette is used. 0: DVCPRO mode 1: DV mode 2: DVCAM mode																			
<p><Note> The cassette tape is played back in one of the modes listed below depending on the tape type and settings used.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th rowspan="2">Type</th> <th colspan="3">FORMAT SEL setting</th> </tr> <tr> <th>DVCPRO</th> <th>DV</th> <th>DVCAM</th> </tr> </thead> <tbody> <tr> <td>S size cassette</td> <td>DV</td> <td>DV</td> <td>DVCAM</td> </tr> <tr> <td>M size cassette</td> <td>DVCPRO</td> <td>DVCPRO</td> <td>DVCPRO</td> </tr> <tr> <td>L size cassette</td> <td>DVCPRO</td> <td>DV</td> <td>DVCAM</td> </tr> </tbody> </table> <p>Use tapes specially designed for DVCPRO applications with this unit. However, if DV tapes or DVCAM tapes are to be used in the playback mode, it is recommended that playback be limited to as short a period of time as possible.</p>					Type	FORMAT SEL setting			DVCPRO	DV	DVCAM	S size cassette	DV	DV	DVCAM	M size cassette	DVCPRO	DVCPRO	DVCPRO	L size cassette	DVCPRO	DV	DVCAM
Type	FORMAT SEL setting																						
	DVCPRO	DV	DVCAM																				
S size cassette	DV	DV	DVCAM																				
M size cassette	DVCPRO	DVCPRO	DVCPRO																				
L size cassette	DVCPRO	DV	DVCAM																				
109	REC INHIBIT	<u>0000</u> 0001	<u>OFF</u> ON	This selects whether to inhibit recording on the VTR. 0: Recording is not inhibited. 1: Recording is inhibited.																			

The underlined number and item are the factory settings.

INTERFACE menu

Item		Setting		Description of settings
No.	Superimposed display	No.	Superimposed display	
200	BAUD RATE	0000 0001 0002 <u>0003</u> 0004	1200 2400 4800 <u>9600</u> 19200	This sets the RS-232C transfer rate (baud rate).
201	DATA LENGTH	<u>0000</u> 0001	<u>8BIT</u> 7BIT	This sets the RS-232C data length.
202	STOP BIT	<u>0000</u> 0001	<u>1BIT</u> 2BIT	This sets the RS-232C stop bit length.
203	PARITY	<u>0000</u> 0001 0002	<u>NONE</u> ODD EVEN	This sets whether the RS-232C parity bit is to be used and, if so, whether with even or odd parity. 0: The parity bit is not used. 1: The parity bit is used with odd parity. 2: The parity bit is used with even parity.
204	ACK RETURN	0000 <u>0001</u>	OFF <u>ON</u>	This sets the RS-232C return data. 0: The ACK code is not returned. 1: The ACK code is returned.

The underlined number and item are the factory settings.

<Note>

After the settings of items No.200 through No.203 have been changed, the new settings will not take effect until the power is switched on. This means that the power must be turned off and back on again after these settings are changed.

Set-up Menus

MEMORY MODE menu

Item		Setting		Description of settings
No.	Superimposed display	No.	Superimposed display	
300	MEMORY MODE	<u>0000</u>	<u>OFF</u>	This sets the memory operation. 0: No memory operation. 1: The tape stops near the BEGIN point when it is fast forwarded or rewound. 2: When the tape reaches the end, it is rewound to the BEGIN point where it stops. 3: When the tape reaches the end, it is rewound to the BEGIN point where it is played, and this process is repeated.
		0001	MEM STOP	
		0002	REPEAT 1	
		0003	CONTINUE	
301	BGN/END PRESET			This sets the BEGIN point and END point.

The underlined number and item are the factory settings.

TAPE PROTECT menu

Item		Setting		Description of settings
No.	Superimposed display	No.	Superimposed display	
400	STILL TIMER	0000	0.5S	This selects the time taken until the unit is set to the tape protection mode when it has been left standing in the stop, play pause or still mode. (Units: S = seconds, MIN = minutes) ● The setting for the time taken until the unit is set to the tape protection mode when it has been left standing in the REC PAUSE mode is fixed at 2 minutes.
		0001	5S	
		0002	10S	
		0003	30S	
		0004	1MIN	
		<u>0005</u>	<u>2MIN</u>	
401	SRC PROTECT	<u>0000</u>	<u>STEP</u>	This sets the tape protection operation which is performed when the unit has been left standing in the pause mode. 0: Step (step FWD in the still or pause mode; step REV in the REC pause mode) 1: Half loading (standby OFF)
		0001	HALF	
402	DRUM STDBY	0000	OFF	This sets whether or not the drum is to be stopped in the STANDBY OFF mode. 0: The drum rotates at all times. 1: The drum is stopped in the STANDBY OFF mode.
		<u>0001</u>	<u>ON</u>	
403	STOP PROTECT	0000	STEP	This sets the tape protection operation to be performed when the unit is left standing in the STOP mode. 0: Step 1: Half loading
		<u>0001</u>	<u>HALF</u>	

The underlined number and item are the factory settings.

<Note>

When using a consumer DV cassette tape, tape protection mode is set after 10 seconds, even if STILL TIMER is set to "30S", "1MIN" or "2MIN".

Set-up Menus

TIME CODE menu

Item		Setting		Description of settings
No.	Superimposed display	No.	Superimposed display	
500	VITC POS-1	0000 0001 : <u>0006</u> : 0010	10L 11L : <u>16L</u> : 20L	This sets the position where the VITC signal is to be inserted. (The same line as that selected for VITC POS-2 cannot be selected.)
501	VITC POS-2	0000 0001 : <u>0008</u> : 0010	10L 11L : <u>18L</u> : 20L	This sets the position where the VITC signal is to be inserted. (The same line as that selected for VITC POS-1 cannot be selected.)
502	VITC BLANK	0000 <u>0001</u>	BLANK <u>THRU</u>	This sets whether the VITC signal is to be output. 0: VITC signal is not output. 1: VITC signal is output.
503	TCG REGEN	<u>0000</u> 0001 0002	<u>TC</u> , UB TC UB	This selects the signal to be regenerated when the TCG is in the REGEN mode. (item No. 507) 0: Both the time code and user's bit are regenerated. 1: Only the time code is regenerated. 2: Only the user's bit is regenerated.
504	BINARY GP	<u>0000</u> 0001 0002 0003 0004 0005 0006 0007	<u>000</u> 001 010 011 100 101 110 111	This sets the status for using the user's bit of the time code generated by the TCG. 0: NOT SPECIFIED (character set is not used) 1: ISO CHARACTER (8-bit character set complying with ISO646 and ISO2022 is used) 2: UNASSIGNED-1 (not defined) 3: UNASSIGNED-2 (not defined) 4: UNASSIGNED-3 (not defined) 5: PAGE/LINE (SMPTE262M. page/line multiplexing system) 6: UNASSIGNED-4 (not defined) 7: UNASSIGNED-5 (not defined)
505	TCG CF FLAG	<u>0000</u> 0001	<u>OFF</u> ON	This selects whether the CF flag of the TCG is to be set ON. 0: CF flag is set OFF. 1: CF flag is set ON.
506	DF MODE	<u>0000</u> 0001	<u>DF</u> NDF	This selects the drop frame or non-drop frame mode for CTL and TCG. 0: CTL and TCG are used in the drop frame mode. 1: CTL and TCG are used in the non-drop frame mode.
507	TC MODE	0000 0001 <u>0002</u> 0003	P-REC P-FREE <u>I-REGEN</u> E-VITC	This sets the TCG mode. 0: Internal TC PRESET is used in the REC RUN mode. 1: Internal TC PRESET is used in the FREE RUN mode. 2: Internal TC is used in the REGEN mode. 3: VITC of input video signals is used in the REGEN mode.
508	TC PRESET			This sets the time code generator value.
509	UB PRESET			This sets the user's bit value.

The underlined number and item are the factory settings.

Set-up Menus

VIDEO menu

Item		Setting		Description of settings
No.	Superimposed display	No.	Superimposed display	
600	VIDEO MODE	<u>0000</u> 0001	B/W <u>COLOR</u>	For setting video signal recording and playback. 0: For using monochrome signals. 1: For using color signals. • To use monochrome signals for recording and playback, set this item to the B/W mode. To use normal color signals, set it to the COLOR mode. • If color signals are recorded in the B/W mode, the playback images will appear with abnormal colors.
601	V-MUTE SEL	<u>0000</u> 0001	<u>N-MUTE</u> LOW-RF	This selects whether the video signals are to be muted during playback under low RF conditions or when the servo lock is disengaged. 0: Video signals are not muted. 1: Video signals are muted.
602	CC (F1) BLANK	<u>0000</u> 0001	BLANK <u>THRU</u>	This selects ON or OFF for the closed capture signal in the first field. 0: Signal is forcibly blanked. 1: Signal is not blanked.
603	CC (F2) BLANK	<u>0000</u> 0001	BLANK <u>THRU</u>	This selects ON or OFF for the closed capture signal in the second field. 0: Signal is forcibly blanked. 1: Signal is not blanked.
604	STD/NSTD SEL	<u>0000</u> 0001	<u>AUTO</u> NSTD	This selects the video signal processing. 0: Mode is set automatically according to the input. 1: Mode is forcibly set to nonstandard mode.
605	FREEZE SEL	<u>0000</u> 0001	<u>FIELD</u> FRAME	This selects which type of freeze mode is to be established for the still picture during PLAY PAUSE or frame advance. 0: Field freeze 1: Frame freeze

The underlined number and item are the factory settings.

Set-up Menus

AUDIO menu

Item		Setting		Description of settings
No.	Superimposed display	No.	Superimposed display	
700	SEARCH CUE	<u>0000</u> 0001	OFF <u>ON</u>	This selects whether the cue audio signals are to be output during search or during fast forwarding/rewinding (VV). 0: Signals are not output. 1: Signals are output.
701	DV PB ATT	<u>0000</u> 0001	OFF <u>ON</u>	This selects the audio output level during DV format playback. 0: Normal playback level 1: Output level is controlled only during DV format playback.
702	PB MUTE	<u>0000</u> 0001	OFF <u>ON</u>	This selects whether the sound is to be muted during playback at the back-space assemble recording points. 0: Sound is not muted. 1: Sound is muted. However, it may not be possible to mute the sound at the edit OUT point.
703	AUDIO REC IN	<u>0000</u> 0001	<u>CUT</u> FADE	This selects the audio processing information at the back-space assemble recording points recorded on the tape. 0: Cut processing is selected 1: Fade processing is selected

The underlined number and item are the factory settings.

RS-232C Interface

The following functions can be controlled by using the RS-232C interface.

1. Basic operations

Eject
stop
play
rec/play
fast forward
rewind
pause

2. Status checks

The current VTR mode can be checked.