Chapter 6 Time Data

The time data used by the UVW-1800/1800P for both recording and display include CTL signal count values, longitudinal time codes (LTC), and user bit data. This chapter describes how to display time data, and how to set LTC and user bit values.

Displaying Time Data

During recording or playback, you can display the time data selected on this unit on the monitor and on the time counter display. During editing, the data displayed is selected by the editor.

On the time counter display

Use the time counter display selector switch to select the data to be displayed on the time counter display.



Time counter display selector switch

Resetting the CTL data displayed

Press the RESET button.

The indication in the time counter display is reset to "0:00:00:00".

On the monitor screen

See the section "Superimposed Text Information" (page 4-7(E)).

Settings for Longitudinal Time Code and User Bits

Using the internal time code generator it is possible to preset the longitudinal time code (LTC) value to be recorded on the tape to any desired initial value. This section describes how to preset the LTC value, and also how to preset the user bit data which is also written on the same track.

Switch and menu settings

Carry out the following switch and menu settings.



Switch settings

Menu settings

Mode	Setting
RUN MODE	"FREE RUN" or "REC RUN"
DF MODE (for UVW-1800 only)	Normally "DF"

For details of the RUN MODE and DF MODE settings, see under "TIME CODE" (page 7-5(E)).

Settings for Longitudinal Time Code and User Bits

Setting procedure



Setting the initial value for time code or user bits

- 1 Set the time counter display selector switch to LTC or U-BIT, to display the required time data on the monitor and time counter display.
- 2 Press the TC PRESET button.

The current setting is displayed on the monitor screen and the time counter display. At this point the leftmost digit flashes.

One of the following displays appears on the monitor screen.



Time code presetting

User bit presetting

Note

If you press the TC PRESET button while CTL value is displayed, the following alarm message appear on the monitor screen.

ALARM CTL MODE IS SELECTED.	CTL mode!
SET CTL/TC/UB SWITCH TO TC OR UB.	

Set the time counter display selector switch to LTC or U-BIT.

- 3 Use the \blacksquare and \blacksquare buttons to select the digit in the value which is flashing.
- 4 Use the and buttons to adjust the value of the flashing digit. Note that user bit data values are in hexadecimal (digits 0-9 and A-F).
- 5 Repeat steps 3 and 4 as required to set the required value. To set the value to 00:00:00, press the RESET (NO) button.
- 6 Press the SET (YES) button.

Either of the two displays shown immediately below appears on the monitor screen and the third display shown below in the time counter display.

Saving	Monitor screen
NOW SAVING	NOW SAVING
TC PRESET MODE	UB PRESET MODE

Time counter display

Once the setting is saved, the monitor screen and time counter display return to normal.

Note

If you power off this unit while it is in the process of saving the settings, settings may be lost. Wait until saving is completed before powering the unit off.

Internal time code generator running modes

There are two different modes of operation for the internal time code generator, selected by the RUN MODE setting as follows.

- "FREE RUN": The time code generator begins to run from the instant the preset value is saved.
- "REC RUN": The time code generator runs only during recording.

Presetting the time data value to reflect real time

In the menu, set RUN MODE to "FREE RUN", and set the time data value to the current time.

Synchronizing the Internal Time Code Generator With an External Time Code Generator

If a time code signal (LTC values) is input to this unit, the internal time code generator is automatically synchronized to the time code value input from an external source. Using this function, it is possible to have a number of VTRs all set to synchronized time codes, and to copy time codes precisely from one tape to another.

Connections and switch settings

Carry out the following connections and switch settings.



Connections and switch settings

When an external time code is input, the running mode of the internal time code generator is as follows.

RUN MODE: Automatically set to "FREE RUN." **DF MODE (for UVW-1800 only):** Automatically set to either drop-frame mode **or** non-drop-frame mode according to the mode of the input time code.

After setting the TC IN selector switch to EXT position, the internal time code generator begins to run in synchrony with the external time code generator. The internal time code generator continues to run in the same way even if the external time code generator is disconnected.

Checking the internal time code generator counting

Stop the tape, and press the REC button. Check that the same value as the input time code value is displayed.

Chapter 7 Menus

This chapter describes the organization of the principal set-up menus (selecting the superimposed information on the monitor screen, time code, run mode, etc.) and how to use them.

Menu Organization	7-2	(E)
Hierarchical Structure	7-2	(E)
Menu Screens	. 7-3	(E)
Menu Operations	7-8	(E)
Buttons Used to Change the Setting	7-8	(E)
Operation Sequence	7-9	(E)

Hierarchical Structure

The menu screens are arranged in a three-level tree structure, as shown in the figure below. The top-level selections (level 1) access the main divisions of the settings, and except for the MENU GRADE item, the settings themselves are made on levels 2 and 3. The screens are divided into two groups: the basic settings, to which frequent access is normally required, and extended settings, which are less frequently used.

In the following figure, bold lines indicate the basic menu screens, and thin lines the extended menu screens.

Level 1	Level 2	Level 3
OPERATIONAL FUNCTION -	AUTO EE SELECT	CASSETTE OUT
	- LOCAL ENABLE	
	- MAX SRCH SPEED	
	- AUTO REW	and the second
	- PREROLL TIME	the second second
	- AFTER CUE-UP	3 / M 3 / A 1
	- CUT-IN FIELD	
	- PLAY START	
	STEP SEARCH	
DISPLAY CONTROL		
	- CHARA. TYPE	
	- DISPLAY INFO	
	- PEAK HOLD	
	- BRIGHTNESS	
	- ALARM	
	REF. ALARM	Jac Same in
TIME CODE	RUN MODE	
	- DF MODE (only on UVW-180	0)
	- UB BINARY GP.	
	- PHASE CORR.	and the second second
	CF FLAG	and the second second
	FROM STOP	STOP TIMER
		- NEXT MODE
	FROM STILL	T STILL TIMER
		NEXT MODE
VIDEO CONTROL	T TBC DELAY	
	- BLANKING LINE	
	BLANKING DECODE	
MENU GRADE		

Menu organization

Menu Screens

The table below lists the menu screens and explains the meaning of each setting. In the table the following conventions are used:

- Factory default settings are preceded by an asterisk (*).
- Each indication appears twice: the upper version is what appears on the monitor screen, and the lower version in parentheses appears on the time counter display.
- The time counter display indications are preceded by a number of angle brackets: '>' indicates an item in a level 2 menu, and '>' and '>>' indicate an item or a parameter in a lower level menu.

OPERATIONAL FUNC (Operational)	TION: Operation settings	Description of settings
AUTO EE SELECT (> Auto EE) Determine whether the unit enters EE mode or PB mode when audio and video signals from other equipment are input. When this unit is used as the recorder for cut editing, it is possible to output the input audio and video signals to the monitor. The term "EE" mode is used to refer to this feature, which enables the entire editing operation to be carried out with a single monitor.	CASSETTE OUT (>> Cass. Out) When the cassette has been ejected	 * EE (>>> EE): Output audio and video signal input from other equipment PB (>>> PB): Mute audio and video signal input
	F. FWD/REW ^{a)} (>> F. FWD/REW) Operations when in fast forward or rewind mode	EE (>>> EE): Output audio and video signal input from other equipment * PB (>>> PB): Mute audio and video signal input
	STOP (>> STOP) Operations when in stop mode	EE (>>> EE): Output audio and video signal input from other equipment * PB (>>> PB): Output audio and video signal recorded on a tape
	STANDBY OFF (>> STBY OFF) Operations when in standby off mode	 EE (>>> EE): Output audio and video signal input from other equipment * PB (>>> PB): Mute audio and video signal input
LOCAL ENABLE (> Local ENA) Select which of the tape tra (EJECT, REW, PLAY, F F when the REMOTE/LOCA	ansport control buttons WD, STOP and REC) operate L switch is set to REMOTE.	 ALL DISABLE (>> ALL DIS): All of the tape transport control buttons are disabled. STOP & EJECT (>> STOP&EJ): Only the STOP and EJECT buttons are enabled. ALL ENABLE (>> ALL ENA): All of the tape transport control buttons are enabled, and settings such as preroll time change or time data display selection are effective.
MAX SRCH SPEED (> Max SRCH) Maximum search speed		 ×35 (>> ×35) (for UVW-1800) or ×42 (>> ×42) (for UVW-1800P): Allow searching at up to the maximum tape transport speed of 35 or 42 times normal. The picture cannot be seen on the monitor at this speed. * ×16 (>> ×16): Restrict the search speed to the maximum 16 times normal for which the picture can be seen on the monitor. Use this setting when using search mode for cuing.
AUTO REW (> AUTO REW) Whether to rewind automatically when playback reaches the end of a tape		 ENABLE (>> ENABLE): Rewind automatically. DISABLE (>> DISABLE): Do not rewind automatically.
PREROLL TIME (> Preroll)		Set the preroll time in seconds, from 0 to 15. If a PVE- 500 or other editing control unit is connected, this setting is ignored, and the editing control unit setting takes precedence. 0 SEC (>> 0 sec) - *5 SEC (>> 5 sec) -15 SEC (>> 15 sec)

Menu selections

a) Note

(Continued)

Set this item to PB when you want to use the F FWD and REW buttons to view playback at 16 times normal speed. If this item is set to EE, holding down the F FWD and REW buttons produces EE pictures.

OPERATIONAL FUNCTION: Operation settings (Operational)	Description of settings
AFTER CUE-UP (> After Cue) Operating mode after cue-up	*STOP (>> STOP): Stop mode STILL (>> STILL): Search mode still
CUT-IN FIELD (> CUT-IN FIELD) Field timing for beginning editing	 *1ST FIELD (>> 1 FLD): Begin editing on the 1st field and end on the 2nd field. 2ND FIELD (>> 2 FLD): Begin editing on the 2nd field and end on the 1st field. 1ST/2ND FIELD (>> 1/2 FLD): Use the timing command sent from the editing control unit.
PLAY START (> Play start) Timing for switching to playback mode from stop. In an editing system including an editor such as a PVE-500 editing control unit, adjusting this setting so that the delay before switching to playback mode is the same on all the decks of the editing system means that there is no longer a need to synchronize the decks for editing, and the preroll time can be shortened.	16 FRAME DELAY (>> 16 delay) – 4 FRAME DELAY (>> 4 delay): The larger the numerical value, the longer the delay. By adjusting this setting, it is possible to reduce the phase synchronization time and preroll time during editing. UVW-1800: * 5 FRAME DELAY (>> 5 delay) UVW-1800P: * 4 FRAME DELAY (>> 4 delay)
STEP SEARCH (> Step SRCH) Determine whether or not the tape is transported in units of fields during low-speed playback.	 *OFF (>> OFF): Transport the tape regardless of fields. During still playback, guard bands (noise bars) can appear at any location in the picture. ON (>> ON): Transport the tape in units of fields. During still playback, guard bands (noise bars) appear along the upper and lower edges of the picture.
DISPLAY CONTROL: Settings related to indications (Display) on the monitor and the unit	Description of settings
CHARA. POSITION (> Chara pos) Position of text superimposed on output from VIDEO 2 (SUPER) OUTPUT connector to monitor Note If time code values which appear superimposed on the monitor screen are to be recorded on another VTR, position them in the lower two-thirds of the screen. Time code values displayed in the top one-third of the monitor screen may appear to be delayed by one frame.	Default is bottom center of screen. Use the arrow direction keys to adjust the indication position while watching the monitor. Press the MENU button to confirm the setting and return to the level 1 menu.
CHARA. TYPE (> Chara type) Type of characters in text superimposed on output from VIDEO 2 (SUPER) OUTPUT connector to monitor	 * WHITE (WITH BKGD) (>> White): White characters on black background BLACK (WITH BKGD) (>> Black): Black characters on white background WHITE (OUTLINE) (>> W/outline): White characters with black outline BLACK (OUTLINE) (>> B/outline): Black characters with white outline Press the MENU button to confirm the setting and return to the level 1 menu.
DISPLAY INFO (> DISP Info) Information superimposed on output from VIDEO 2 (SUPER) OUTPUT connector to monitor Note When the TIME DATA & UB or TIME DATA & CTL setting is selected, the lower time data may appear to be delayed by one frame from the upper value.	 * TIME DATA & STATUS (>> Time & STA): Time data and operating status TIME DATA & UB (>> Time & UB): Time data selected using the time counter display switch and user bit value (when user bit is selected with the time counter display switch, user bit and LTC value) TIME DATA & CTL (>> Time & CTL): Time data selected using the time counter display switch and CTL value (when CTL is selected with the time counter display switch, CTL and user bit value) TIME DATA (>> Time): Time data only

DISPLAY CONTROL: Settings related to indications (Display) on the monitor and the unit	Description of settings
PEAK HOLD (> Peak hold) Peak hold time for audio level meters	Set the time from zero (OFF) to 1.5 seconds in steps of 0.1 second. 1.5 SEC (>> 1.5 sec) - * OFF (>> OFF)
BRIGHTNESS (> Brightness) Brightness of front panel indicators	Set brightness as a percentage of the maximum. * 100% (>> 100%) 66% (>> 66%) 33% (>> 33%)
ALARM (> ALARM) Determine whether alarms are issued or not.	* ON (>> ON): Alarms are issued. OFF (>> OFF): Alarms are not issued.
REF. ALARM (> REF. ALARM) Determine whether alarms related to reference video signal are issued or not.	ON (>> ON): Alarms are issued. * ON (LIMITED) (>> ON (Limit)): Alarms are issued in recording, editing and EE mode. OFF (>> OFF): Alarms are not issued.

TIME CODE: Settings related to the time code (Time code) generator	Description of settings
RUN MODE (> RUN mode) Run mode of the time code generator. Note Set to "FREE RUN" when carrying out editing with an editor. With the "REC RUN" setting, assemble editing and other opertations will not be carried out correctly.	 FREE RUN (>> FREE RUN): Time code generator keeps running. REC RUN (>> REC RUN): Time code generator only runs while recording.
DF MODE (only on UVW-1800) (> DF mode) Select whether the time code generator and CTL counter operate in drop-frame or non-drop-frame mode, Normally select drop-frame mode, to keep in sync with real time. The non-drop-frame mode is useful for example when using computer graphics, and working on a frame count basis.	 ON (DF) (>> ON DF): Drop-frame mode OFF (NDF) (>> OFF NDF): Non-drop-frame mode
UB BINARY GP. (> UB BINARY Gp) (for UVW-1800) Select the user bit binary group flag of the time code generator. Note When the TC IN switch is set to EXT, the user-bit binary group flag setting follows the setting in the time code input to the TIME CODE IN connector.	 000 (>> 000): Character set not specified 001 (>> 001): 8-bit characters conforming to ISO646 and ISO2022 010 (>> 010): Undefined 011 (>> 011): Undefined 100 (>> 100): Multi-cassette 101 (>> 101): Multiplex 110 (>> 110): Alternate 111 (>> 111): Undefined
UB BINARY GP. (> Binary Gp) (for UVW-1800P) Note When the TC IN switch is set to EXT, the user-bit binary group flag setting follows the setting in the time code input to the TIME CODE IN connector.	 00 (>> 00): Not specified 01 (>> 01): ISO character 10 (>> 10): Unassigned-1 11 (>> 11): Unassigned-2

(Continued)

TIME CODE: Settings related to the time code (Time code) generator	Description of settings
PHASE CORR. (> PHASE CORR.) Time code generator phase correction	 * OFF (>> OFF): Phase is not corrected. ON (>> ON): Phase is corrected.
CF FLAG (> CF flag) Set color framing flag on or off in a unused bit of time code data	 OFF (>> OFF): Set color framing flag off, ON (>> ON): Set color framing flag on.
This setting relates only to the control of the CF flag bit in the internal time code generator of this unit. It has no effect on normal color framing.	and the second s

TAPE PROTECTION: Settlings related to tape (Tape protet) protection		Description of settings	
FROM STOP STOP TIMER (> From STOP) (>> STP Timer) Protected mode and time to switch Time to switch to protected mode from stop mode	Select time from 15 settings from 0.5 seconds to 30 minutes, 30 MIN (>>> 30 min) - * 8 MIN (>>> 8 min) - 0.5 SEC (>>> 0.5 sec)		
from stop mode for protection of the tape and head drum	NEXT MODE (>> Next mode) Tape protection mode when time set in STOP TIMER setting elapses Note When this unit is in tension release mode, the drum is still rotating, so the picture can be monitored. In tension release mode, though the unit is also in "standby on" mode (i.e. is on standby), so if the distinction between "standby on" and "standby off" is important (for example when broadcasting), care should be taken over the setting.	* STANDBY OFF (>>> STANDBY): Standby off mode TENSION RELEASE (>>> T. RLSE): The tape tension is released, but the picture can still be seen on the monitor.	
FROM STILL (> From STILL) Protected mode and time to switch	STILL TIMER (>> STL timer) Time to switch to protected mode from search mode still or pause	Select time from 15 settings from 0.5 seconds to 30 minutes. 30 MIN (>>> 30 min) - * 8 MIN (>>> 8 min) - 0.5 SEC (>>> 0.5 sec)	
from search mode still or pause for protection of the tape and head drum	NEXT MODE (>> Next mode) Tape protection mode when time set in STILL TIMER setting elapses Note When this unit is in tension release mode, the drum is still rotating, so the picture can be monitored. For both the STEP FWD and TENSION RELEASE settings, the unit is also in "standby on" mode (i.e. is on standby), so if the distinction between "standby on" and "standby off" is important (for example when broadcasting), care should be taken over the setting	 STEP FWD (>>> Step): The tape is advanced at ×1/30 speed for 2 seconds. STANDBY OFF (>>> STANDBY): Standby off mode TENSION RELEASE (>>> T. RLSE): The tape tension is released, but the picture can still be seen on the monitor. 	

VIDEO CONTROL: Settings related to video (Video) control	Descript	tion of settings
TBC DELAY (> TBC delay) Time base corrector delay in video EE mode or editing mode Note When used as the recorder of an editing system, select SYNC DELAY; when broadcasting, select VIDEO DELAY.	 SYNC DELAY (>> Sync): The synchronization signal included in the output video signal is delayed from reference signal by the operating time of the TBC, and output synchronized to the video signal. VIDEO DELAY (>> Video): The synchronization sign included in the output video signal is synchronized the reference signal, and only the video signal out is delayed. 	
BLANKING LINE (>BLK line) Determine whether or not to output video signals during blanking. Settings can be made for each of the lines between line 12 and 20 for UVW-1800, and between line 9 and 23 for UVW-1800P.	UVW-1800: 12 LINE (>> 12 line) -20 LINE (>> 20 line) UVW-1800P: 9 LINE (>> 9 line) -23 LINE (>> 23 line)	 MASK(>>> Mask): Video signal is not output. HALF(>>> Half): Only a half of video signal (only for line 20 on UVW-1800, and only for line 23 on UVW-1800P) is output. OUTPUT(>>> Output): Video signal is output.
BLANKING DECODE (> BLK decode) Determine a method of separating input composite video signals into a luminance signal and chrominance signal during blanking. Settings can be made for each of the lines between line 12 and 19 for UVW-1800, and between line 9 and 22 for UVW-1800P.	UVW-1800: 12 LINE (>> 12 line) -19 LINE (>> 19 line) UVW-1800P: 9 LINE (>> 9 line) -22 LINE (>> 22 line)	 BLACK & WHITE (>>> B&W): Input signals are processed as black and white signals. BPF(>>> BPF): Input signals are processed with a band- pass filter.
	in a second of the second	a
MENU GRADE: Menu screen selection (Menu grade)	Descript	tion of settings
	* BASIC (> Basic): Displa ENHANCED (> Enhand screens.	ay basic menu screens. ced): Display extended menu

Menu Operations

Although the menu screens are divided into basic and extended categories, the method of operation is the same.

This section describes as an example the procedure required to change the setting for the tape protection mode used when the deck is stopped. Check the location of this setting in the menu tree, by referring to the previous section; it is in the level 2 menu screen "TAPE PROTECTION", which is an extended menu screen.

Buttons Used to Change the Setting

This operation uses the following buttons on the subsidiary control panel.

MENU button	Entering menu mode Leaving menu mode
I ⊥ buttons	Moving the reverse video cursor up and down to change the selection within a menu screen; if held down, the reverse video cursor continues to move.
E 🖻 buttons	 The button moves to the menu at the next lower level. The button moves to the menu at the next higher level.
	If either button is held down, the reverse video cursor continues to move.
RESET (NO) button	 Returns a setting to its factory default. Answers 'no' to a question on the monitor screen.
SET (YES) button	 Confirms a changed setting. Answers 'yes' to a question on the monitor screen.

Buttons used to change the menu setting and their functions

Operation Sequence

Displaying the extended menus



Displaying the extended menus

1 Press the MENU button.

The level 1 menu appears on the monitor screen. The factory default setting is basic menu screens only.

The reverse video cursor shows the current selection; in the figure below, this is "OPERATIONAL FUNCTION." The -> mark indicates this item has an associated submenu.

The time counter display shows the selected item only, often in abbreviated form.

Level 1	menu display	(basic menu screen)
---------	--------------	---------------------

SETUP MENU OPERATIONAL FUNCTION +	Operational
TIME CODE	Time counter display
MENU GRADE : BASIC	A Date for the local date
ISOMAHIRA (nilbelus	A
	ATTEN ANALA (ARA)
Monitor spran	The second se

The "MENU GRADE" setting has no associated submenus. In such a case, the current setting also appears in abbreviated form to the right of the screen. When the factory default setting is currently selected, the ":" indication precedes that setting. In this case the setting does not appear on the time counter display.

(Continued)

2 Press the button to select "MENU GRADE :BASIC".

Selecting MENU GRADE : BASIC DISPLAY CONTROL TIME CODE MENU GRADE : BASIC -> Monitor screen

3 Press the 🖃 button.

This displays all of the settings, and the current selection appears on the monitor screen in reverse video. The <--- mark indicates the "BASIC" has an assoicated menu at the next higher level. The "*" indication precedes the factory default setting.

Displaying the settings

SETUP MENU MENU GRADE : BASIC	> Basic
ENHANCED	Time counter display
(VI. N. p. mas) + Generation (
92 (Fee	

Monitor screen

4 Press the II button to select "ENHANCED".

Selecting ENHANCED

SETUP MENU MENU GRADE : BASIC	> Enhanced
← ENHANCED	Time counter display
then bia no sportbed ba bla abbarytand byma ar baarmeity selected, do drag-dors eet agosu en b	Whe PMENU GRAd content adding also the factory defaulty setting, fo dals stateder
Monitor coroon	

5 Press the SET (YES) button.

The messages shown below appear in the monitor screen and the ti display, and the new setting is saved in memory.

SETUP MENU	Saving
NOW SAVING	Time counter display
	4,6,8-
ABAN DEVENTION PRODUCT	
Monitor screen	I Privile Manual I

Messages when saving settings

Once the saving operation is completed, both the monitor screen and time counter display return to the normal state.

Notes

- If you power off this unit while it is in the process of saving the settings, settings may be lost. Wait until saving is completed before powering the unit off.
- If you do not press the SET (YES) button, and press the MENU button, the settings are not saved; the displays shown below appear for 0.5 seconds, and the menu system is forcibly exited. If making more than one setting, be sure to press the SET (YES) button after finishing all the desired settings.



Forcibly aborting the menus

Menu Operations

Changing the "NEXT MODE" setting



Changing the NEXT MODE setting

I Press the MENU button.

The level 1 extended menu appears on the monitor screen.

The reverse video cursor shows the current selection, "MENU GRADE

• ENHAN", made in the previous section. When the currently selected setting is not the factory default setting, the "•" indication instead of the ":" indication precedes that setting.

Level 1 menu display (extended menu screen)

SETUP MENU OPERATIONAL FUNCTION →	Operational
TIME CODE TAPE PROTECTION VIDEO CONTROL	Time counter display
MENU GRADE • ENHAN	94138- CO. 12
And a local sector	Data and a second s
Monitor screen	
Monitor screen	E PROTECTION".
Monitor screen ess the 1 button to select "TAP Selecting T/	E PROTECTION".
Monitor screen ess the 1 button to select "TAP Selecting T/ SETUP MENU OPERATIONAL FUNCTION	PE PROTECTION". APE PROTECTION Tape protect
Monitor screen ess the ① button to select "TAP Selecting T/ OPERATIONAL FUNCTION DISPLAY CONTROL TIME CODE TAPE PROTECTION → VIDEO CONTROL	TE PROTECTION". APE PROTECTION Tape protect Time counter display
Monitor screen ess the f button to select "TAP Selecting T/ OPERATIONAL FUNCTION DISPLAY CONTROL TIME CODE TAPE PROTECTION VIDEO CONTROL MENU GRADE • ENHAN	TE PROTECTION". APE PROTECTION Tape protect Time counter display

Monitor screen

1 Press the \square button.

The level 2 menu screen appears.

When this menu appears for the first time, "FROM STOP" is selected.

Level 2 menu screen	(TAPE PROTECTION
---------------------	------------------

SETUP MENU TAPE PROTECTION	> From STOP
← FROM STOP → FROM STILL	Time counter display
and the second se	Z. Free do El In
Monitor screen	and the second

4 Press the LG button to select "FROM STILL".

Selecting FROM STILL

SETUP MENU TAPE PROTECTION	> From STILL
FROM STILL →	Time counter display
and the second second second	Standard Collective All Margarette
Sandare and States	all Brake provide the multi-
Monitor screen	

5 Press the \square button.

The level 3 menu screen appears.

When this menu appears for the first time, "STILL TIMER" is selected.

SETUP MENU TAPE PROTECTION EROM STUL	>> STILL timer
← STILL TIMER : 8MIN→ NEXT MODE : STEP	Time counter display
	10.00
Marile	

Level 3 menu screen (FROM STILL)

(Continued)

6 Press the II button to select "NEXT MODE".

Selecting NEXT MODE



7 Press the 🖃 button.

The settings for "NEXT MODE" appear.

When this menu screen appears for the first time, "STEP FWD" is selected.

SETUP MENU TAPE PROTECTION	>>> Step
NEXT MODE : STEP	Time counter display
STANDBY OFF	
TENSION RELEASE	
AND CONTRACTOR OF A	
ANOTE PERMIT	
Manitas asroan	

Setting screen display





9 Press the SET (YES) button.

The "Saving" message appears on the monitor (as shown below), and the new setting is saved in memory.

SETUP MENU	Saving
NOW SAVING	Time counter display
China China	and the second second second
Construction of the Party of the	and all
Monitor screen	

Messages when saving settings

Once the saving operation is completed, both the monitor screen and time counter display return to the normal state.

Notes

- If you power off this unit while it is in the process of saving the settings, settings may be lost. Wait until saving is completed before powering the unit off.
- If you do not press the SET (YES) button, and press the MENU button, the settings are not saved; the displays shown below appear for 0.5 seconds, and the menu system is forcibly exited. If making more than one setting, be sure to press the SET (YES) button before moving to the next item.



Forcibly aborting the menus

Returning menu settings to the factory default

Returning a specific menu setting to its factory default

In the screen for making the setting, press the RESET (NO) button.

In the example above of the "NEXT MODE" setting, press the RESET (NO) button in step 8 to return to the factory default of "STANDBY OFF".

Returning all menu settings to the factory default

- 1 Press the MENU button to display the level 1 menu.
- 2 Press the RESET (NO) button.

The following message appears on the monitor screen, which is intended ti the user to confirm the reinitialization.

	SETUP MENU	Init setup?
FACTORY PRESET VALUES ?	Time counter display	
	NO KEY : RETURN TO MENU YES KEY : INITIALIZE	service Step
	a don the stilles of	and the production of the second
	Monitor screen	and and agailant

Request for confirmation of reinitialization

3 Press the SET (YES) button.

This returns all menu settings to their factory defaults. The "Saving" message appears on the monitor, and the new setting is saved in memory.

Notes

- If you power off this unit while it is in the process of saving the settings, the reinitialization can not be ensured. Wait until saving is completed before powering the unit off.
- If instead of pressing the SET (YES) button, you press the RESET (NO) button, the reinitialization is not carried out, and the display returns to the level 1 menu screen.