

SRW-5000/5500 Operations Training

SRW-5000 Support

POSC - Product Operations Helpline

8am – 8pm Eastern Time, Mon-Fri

800-883-6817 option 2-5-2

SRW-5000/5500 Operations Training





INFORMATION DISPLAY



Press buttons to access different menu screens

Press SFT (on number pad) + DIAG to access DIAG menu



Press to access ALTERNATE pages of menu screens

PB level button

Rec level button

Right monitor buttons

Left monitor buttons

The diagram shows a video control panel with the following features and labels:

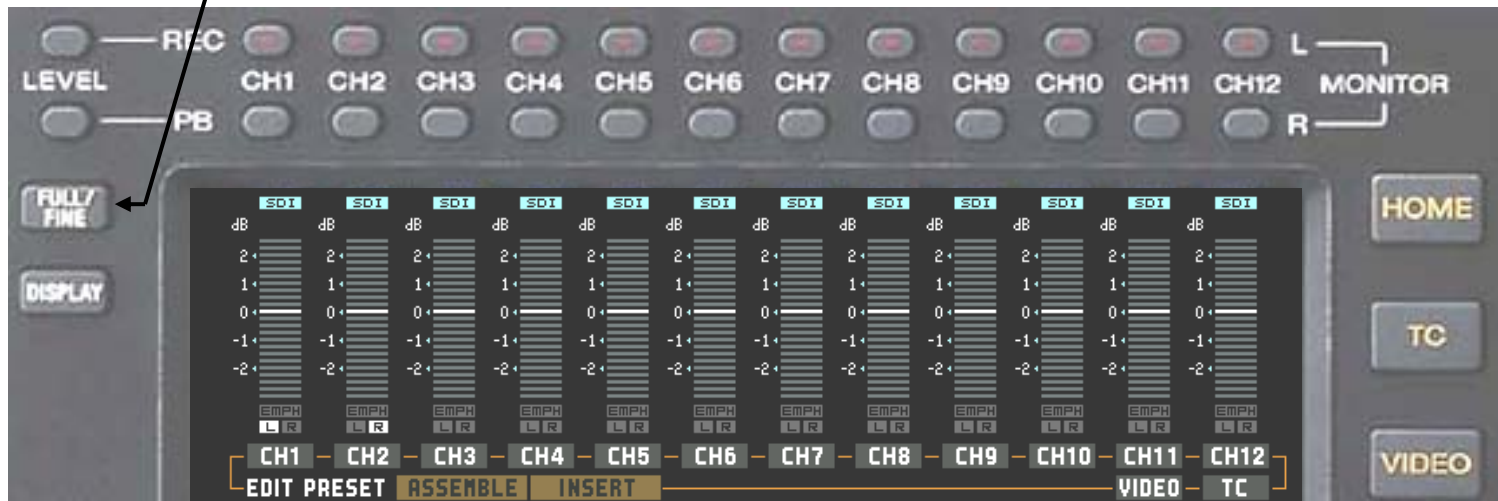
- Top Row:** Buttons for REC, LEVEL, PB, and 12 channels (CH1-CH12) under a MONITOR label.
- Left Side:** FULL/FINE, DISPLAY, F1-F4, DIAG, and ALT buttons.
- Center Display:** Shows 12 channel meters (SDI/A/E), a timecode display (00H 00M 00S 00F), and a video preview window.
- Right Side:** HOME, TC, VIDEO, AUDIO, CUE, PF1, PF2, and SET UP buttons.
- Bottom Row:** F5-F10 function buttons.
- Multi Control Knob:** A large knob on the right with a label 'MULTI CONTROL' above it.
- Knob Instructions:** 'ROTATE' with a circular arrow icon and 'PUSH TO ENTER OR PRESET' with a downward arrow icon.

Full / Fine button

Full: 0dB ~ -60dB or +20dB ~ -40dB.

Depends on setting of menu 814: LEVEL METER SCALE

Fine: Scale is 0.25dB per division.



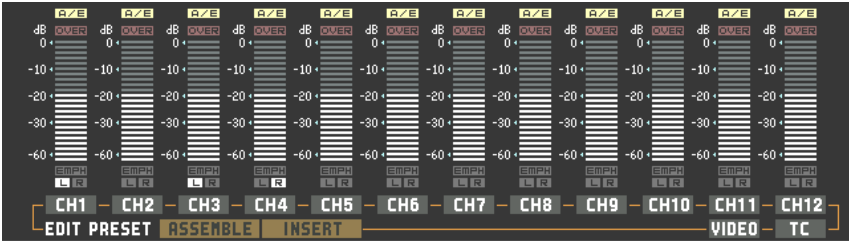
Press DISPLAY button to view image.

Aspect ratio follows downconverter setting (Edge Crop, Squeeze, Letterbox).



HOW TO ADJUST PLAYBACK LEVELS

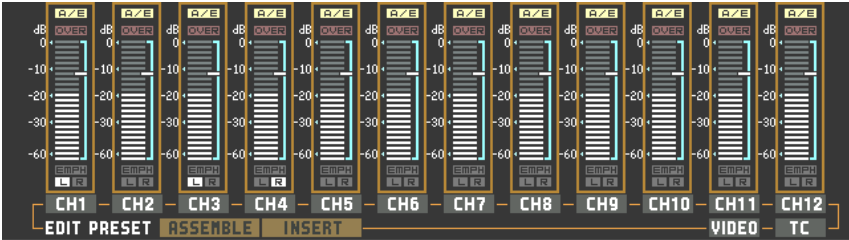
Normal audio display.



Press PB LEVEL button.



Each channel now has a 'dark orange' border.

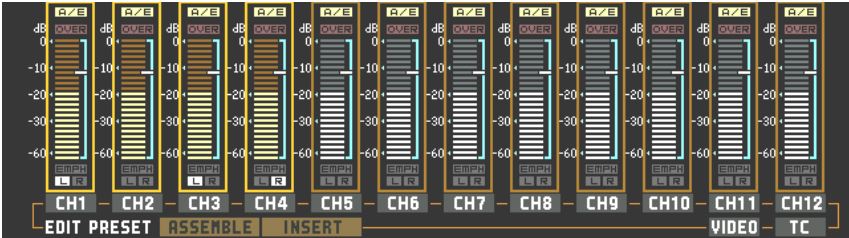


There is also a BLUE vertical bar to the right hand side of each channel.

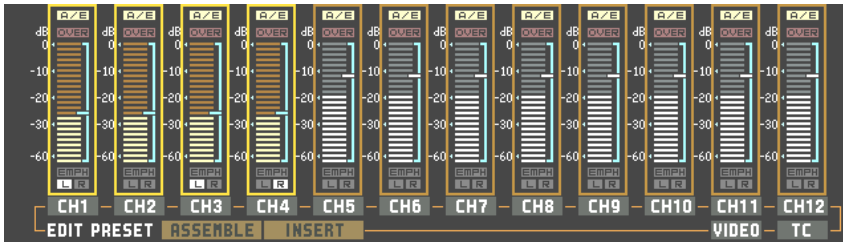
This indicates that it is the PB channels are to be adjusted.



Select the audio channels to be adjusted using the bottom row of CH1 ~ CH12 buttons.



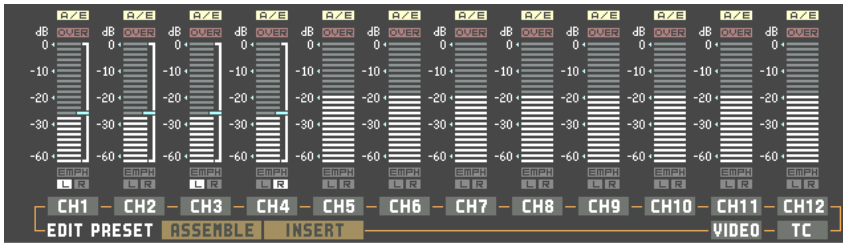
For example: PB CH1 ~ CH 4



Rotate MULTI CONTROL KNOB to adjust the level of CH1 ~ CH4.



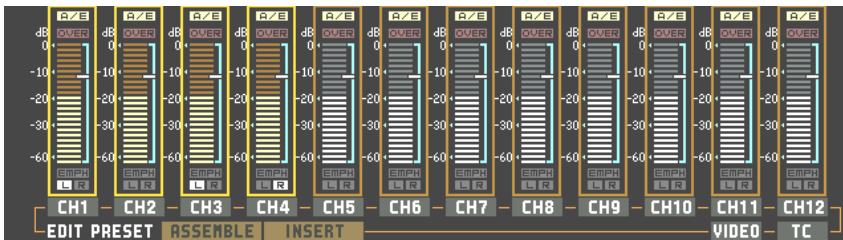
Press PB LEVEL button to SET the level.



There is a WHITE vertical bar to the right hand side of each adjusted channel. This indicates that these PB channels have been adjusted.

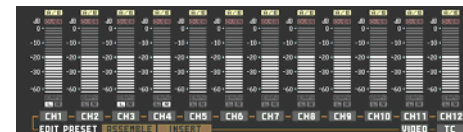


To reset levels back to PRESET value. Press PB LEVEL button.



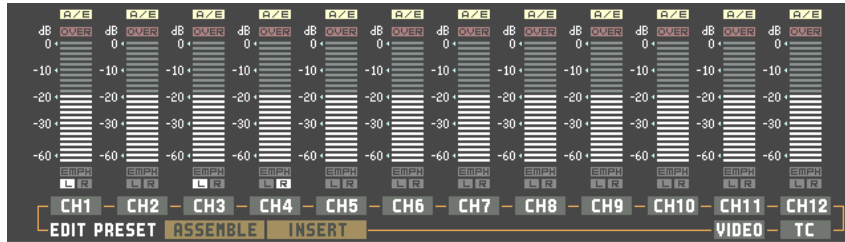
Select the audio channels to be reset using the lower row of CH1 ~ CH12 buttons.

Press the MULTI CONTROL KNOB.



HOW TO ADJUST RECORD LEVELS

Normal audio display.



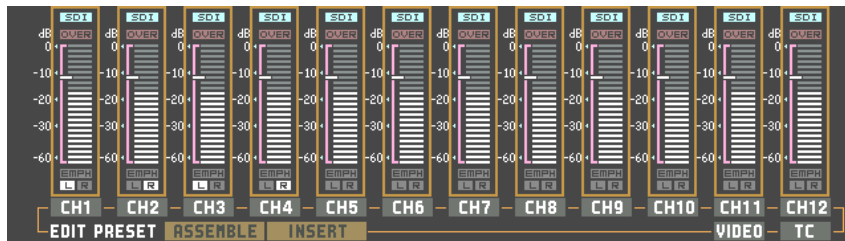
Press REC LEVEL button.



Each channel now has a 'dark orange' border.

There is also a PINK vertical bar to the left hand side of each channel.

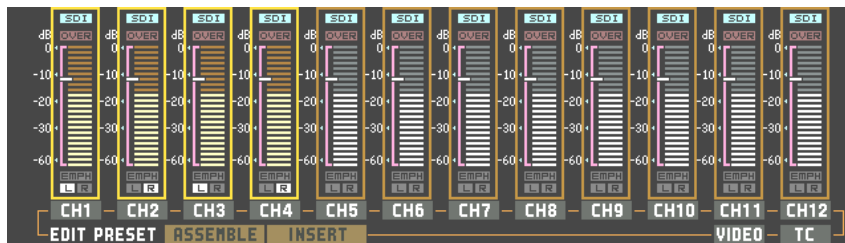
This indicates that it is the REC channels are to be adjusted.

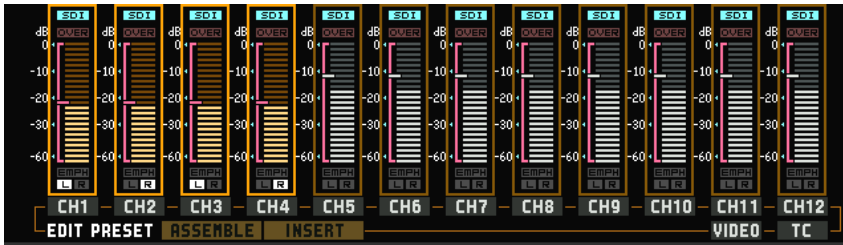


Select the audio channels to be adjusted using the upper row of CH1 ~ CH12 buttons.



For example: REC CH1 ~ CH 4

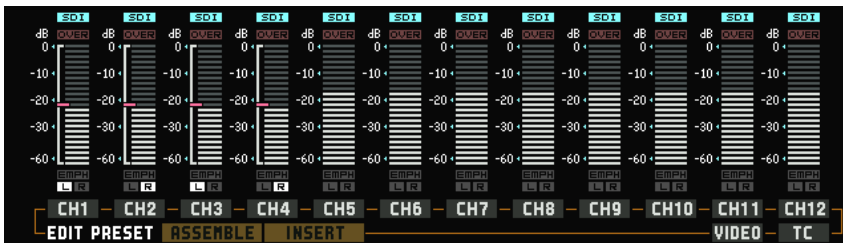




Rotate MULTI CONTROL KNOB to adjust the level of CH1 ~ CH4.



Press REC LEVEL button to SET the level.



There is a WHITE vertical bar to the left hand side of each adjusted channel.

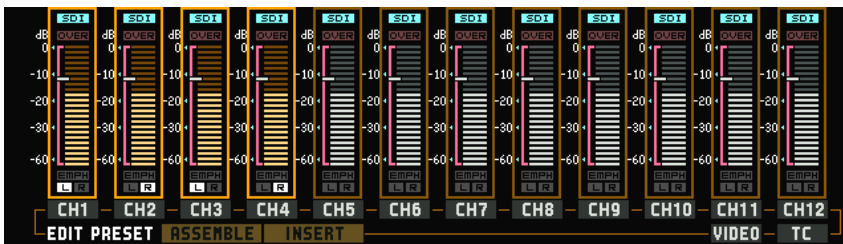
This indicates that these REC channels have been adjusted.



To reset levels back to PRESET value.

Press REC LEVEL button.

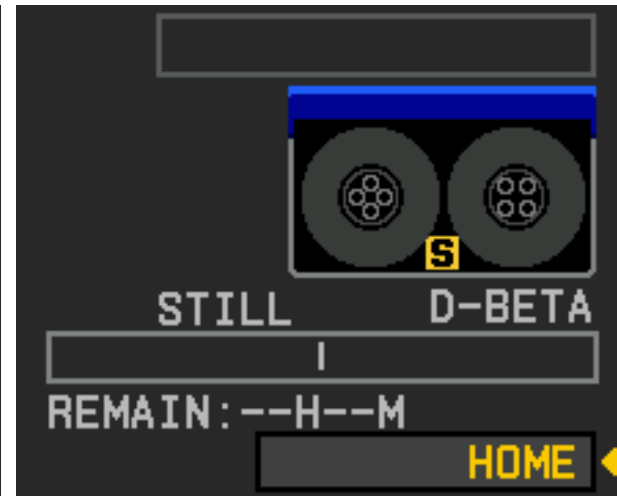
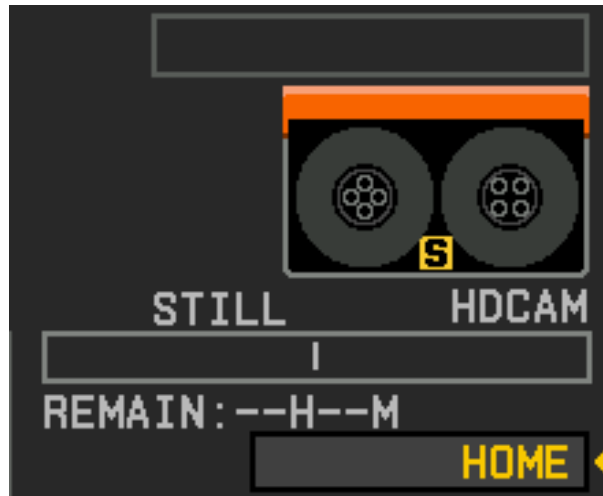
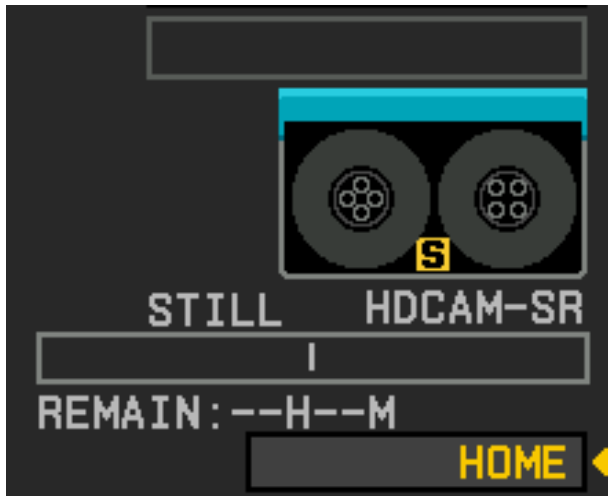
Select the audio channels to be reset using the upper row of CH1 ~ CH12 buttons.



Press the MULTI CONTROL KNOB.



TAPE FORMAT DISPLAY



48 0 10 20 30 40 50 60
R508 R508 R508 R508
CH1 CH2 CH3 CH4 CH5 CH6 CH7 CH8 CH9 CH10 CH11 CH12
EDIT PRESET ASSEMBLE INSERT VIDEO TC
PB/EE STANDBY OFF
EE LTC
RECINH UBR 00 00 00 00
off AIN ---:---:--- ADUT ---:---:---
ASSEMBLE off
INS TC off
INS VIDEO off INS AUDIO INS CUE off
STILL | HDCAM-SR
REMAIN: --H--M
HOME

INFORMATION DISPLAY

THIS DISPLAY CONSISTS OF 6 SCREENS OF SETUP INFORMATION

PRESS AND ROTATE THE MULTI CONTROL KNOB TO CHANGE THE DISPLAYED SCREEN

```
SYS: 23.98PsF 1080 4:2:2 HDCAM-SR [1]
PB : 23.98PsF 1080 4:2:2 HDCAM-SR
FC : 59.94i 1080 4:2:2
TCR.01:00:00:15
```

```
ACTIVE LINE : OFF [2]
DOWN CONV. OUTPUT : ACTIVE
EOS : 01:00:08:10
```

HD SDI OUTPUT ADV. : OFF 5
DOWN CONV. OUTPUT ADV. : OFF

AUDIO PB OUTPUT ADV. : OFF 4
AUDIO INPUT DELAY : OFF
AES/EBU & ANA OUTPUT : REF

TC INPUT DELAY : OFF 5
LTC OUTPUT : LINE

META DATA LINE(REC) : 09, 19, 20 6
META DATA LINE(OUT) : 09, 19, 20
META DATA LINE(FC) : 09, 19, 20

HOME: WARNING MESSAGE

dB OVER dB OVER dB OVER dB OVER dB OVER dB OVER dB OVER dB OVER dB OVER dB OVER dB OVER dB OVER

0 0

-10 -10

-20 -20

-30 -30

-60 -60

EMPH L R EMPH L R EMPH L R EMPH L R EMPH L R EMPH L R EMPH L R EMPH L R EMPH L R EMPH L R EMPH L R

CH1 CH2 CH3 CH4 CH5 CH6 CH7 CH8 CH9 CH10 CH11 CH12

EDIT PRESET ASSEMBLE INSERT VIDEO TC

PB/EE

EE

RECINH

off

ASSEMBLE

off

INS TC

off

INS VIDEO

off

INS AUDIO

INS CUE

off

STANDBY OFF

LTC INTRP

TCR

01 H 27 M 55 S 23 F

AIN ---:---:--- AOUT ---:---:---

IN ---:---:--- OUT ---:---:---

WARNING - 02

LOST LOCK

STILL HDCAM-SR

REMAIN: 00H43M

HOME

HOME

The interface displays a multi-track audio mixer at the top with 12 channels (CH1-CH12). Each channel has a vertical level meter with a scale from 0 dB to -60 dB. The meters are currently all at 0 dB, and each has a red 'OVER' indicator. Below the meters are 'EMPH' and 'LR' (Left/Right) controls. A menu bar below the mixer includes 'EDIT PRESET', 'ASSEMBLE', 'INSERT', 'VIDEO', and 'TC'. The central control panel shows 'PB/EE' and 'EE' buttons, a 'TAPE UNTHREAD' warning, and a large digital display for 'TGR' (Time Remaining) showing '00_H 39_M 33_S 17_F'. Below the time display are 'AIN' and 'ADUT' labels with dashed lines, and 'IN' and 'OUT' labels with dashed lines. On the left side, there are several toggle switches: 'RECINH' (off), 'ASSEMBLE' (off), 'INS TC' (off), and 'INS VIDEO' (off). At the bottom right, there is a 'STILL' indicator and a 'HOME' button with a left-pointing arrow.

EDIT PRESET PAGES

dB OVER 0 -10 -20 -30 -60

SDI SDI SDI SDI SDI SDI SDI SDI SDI SDI SDI SDI

CH1 CH2 CH3 CH4 CH5 CH6 CH7 CH8 CH9 CH10 CH11 CH12

EDIT PRESET ASSEMBLE INSERT VIDEO TC

PB/EE TAPE UNTHREAD

EE LTC INTRP

RECINH TCR 00 H 53 M 51 S 12 F

AIN ---:---:---: ADUT ---:---:---: IN ---:---:---: OUT ---:---:---:

ASSEMBLE off

INS TC off

INS VIDEO on INS AUDIO

STILL | HOME

dB OVER 0 -10 -20 -30 -60

SDI SDI SDI SDI SDI SDI SDI SDI SDI SDI SDI SDI

CH1 CH2 CH3 CH4 CH5 CH6 CH7 CH8 CH9 CH10 CH11 CH12

EDIT PRESET ASSEMBLE INSERT VIDEO TC

INS A-CH1 on

INS A-CH2 on

INS A-CH3 on

INS A-CH4 on

INS A-CH5 off

INS A-CH6 off

INS A-CH7 off

INS A-CH8 off

INS CH ALL

EXIT

INS AUDIO

AUDIO INSERT CHECK

CH1 CH2 CH3 CH4 CH5 CH6

ON ON ON ON OFF OFF

CH7 CH8 CH9 CH10 CH11 CH12

OFF OFF OFF OFF OFF OFF

STILL |

HOME / ALT

SDI SDI SDI SDI SDI SDI SDI SDI SDI SDI SDI SDI

dB OVER dB OVER dB OVER dB OVER dB OVER dB OVER dB OVER dB OVER dB OVER dB OVER dB OVER

0 0 0 0 0 0 0 0 0 0 0 0

-10 -10 -10 -10 -10 -10 -10 -10 -10 -10 -10 -10

-20 -20 -20 -20 -20 -20 -20 -20 -20 -20 -20 -20

-30 -30 -30 -30 -30 -30 -30 -30 -30 -30 -30 -30

-60 -60 -60 -60 -60 -60 -60 -60 -60 -60 -60 -60

EMPH L R EMPH L R EMPH L R EMPH L R EMPH L R EMPH L R EMPH L R EMPH L R EMPH L R EMPH L R EMPH L R

CH1 CH2 CH3 CH4 CH5 CH6 CH7 CH8 CH9 CH10 CH11 CH12

EDIT PRESET ASSEMBLE INSERT VIDEO TC

PRE READ off

TAPE UNTHREAD

LTC INTRP

TCR 00_H 39_M 33_S 17_F

AIN ---:---:--- ADUT ---:---:---

IN ---:---:--- OUT ---:---:---

FREEZE

STILL

PRE-ROLL 5sec

DMC

STOP CODE

PB EE SEL

LAST EDIT

ALT+HOME

The main control panel features 12 channels of audio level meters, each labeled 'SO1' and 'OVER'. The meters show levels from 0 dB to -60 dB. Below the meters are buttons for 'EDIT PRESET', 'ASSEMBLE', 'INSERT', 'VIDEO', and 'TC'. The top right corner displays 'TAPE UNTHREAD'. The left side has 'PRE READ off' and 'FREEZE' indicators. The bottom section includes 'PRE-ROLL 5sec', 'DMC', 'STOP CODE', 'PB EE SEL', and 'LAST EDIT' buttons. A 'STILL' indicator and an 'ALT+HOME' button are also present.

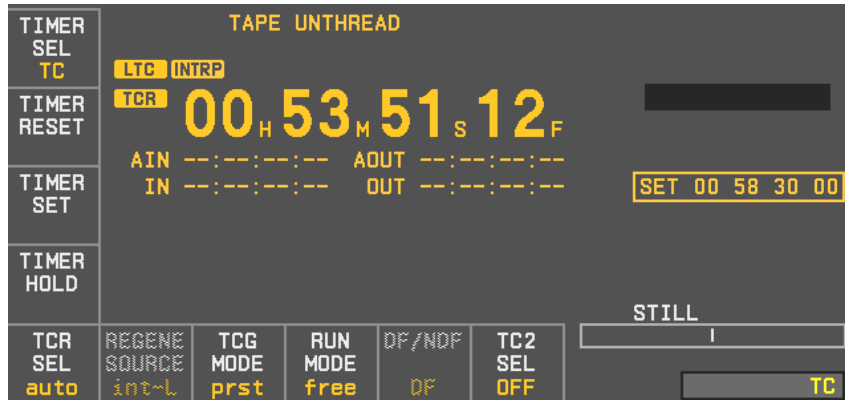
The 'PB/EE SELECT' menu is displayed in a yellow box. It shows the following settings:

	STBY	STBY	REC	SHTL	JOG	VAR
	OFF	ON				
VIDEO	EE	PB	PB	PB	PB	PB
AUDIO	EE	MU	PB	MU	PB	PB

TC

The image shows a control panel for a video system, likely a tape deck or recorder. At the top, there are 12 SDI channels, each with a level meter and a 'dB OVER' indicator. Below the meters are buttons for 'EDIT PRESET', 'ASSEMBLE', 'INSERT', 'VIDEO', and 'TC'. The main display area shows 'TAPES UNTHREAD' and a large timer display showing '00 H 39 M 33 S 17 F'. Below the timer are indicators for 'AIN', 'AOUT', 'IN', and 'OUT'. On the left side, there are buttons for 'TIMER SEL TC', 'TIMER RESET', 'TIMER SET', and 'TIMER HOLD'. At the bottom, there are buttons for 'TCR SEL auto', 'REGENE SOURCE int-L', 'TCG MODE regen', 'RUN MODE free', 'DF/NDF DF', 'TC2 SEL OFF', and a 'STILL' indicator. A 'TC' button is also visible at the bottom right.

How to set the timecode generator



TC MENU

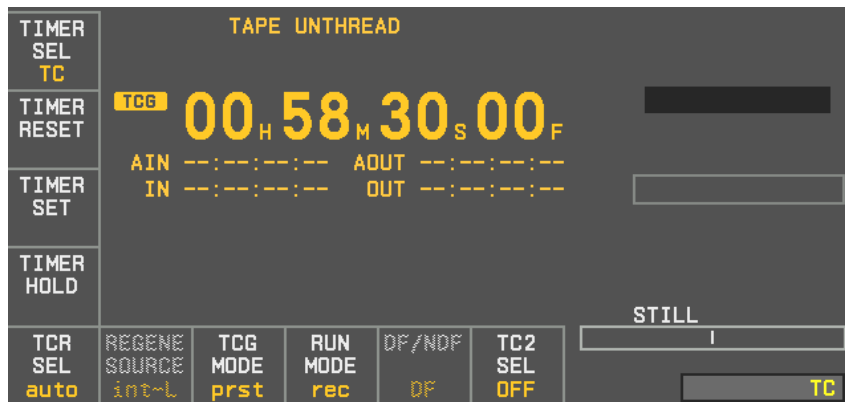
Set TC generator as required.
TCG MODE = PRESET
RUN MODE = FREE or REC

Using number pad enter the start timecode.

Press SET.

Press F3 (TIMER SET).

Press INPUT CHECK button to confirm correct setting. TCR will change to TCG



TC / ALT

The image shows a control panel with 12 SDI channels at the top, each with a dB scale from 0 to -60 and an OVER indicator. Below the channels are buttons for CH1-CH12, EDIT PRESET, ASSEMBLE, INSERT, VIDEO, and TC. The main display area shows 'TAPE UNTHREAD' and a timecode of 00H 39M 33S 17F. On the left, there are menu options for TAPE TIMER (24H), PDPSET MENU, TC CONV MENU, and PDTC DISP (off). At the bottom, there are settings for FC CHARA (off), CHARA SUPER (on), CHARA H-POS (0), and CHARA V-POS (3). A STILL indicator and an ALT+TC button are also visible.

SDI	SDI	SDI	SDI	SDI	SDI	SDI	SDI	SDI	SDI	SDI	SDI
dB OVER	dB OVER	dB OVER	dB OVER	dB OVER	dB OVER	dB OVER	dB OVER	dB OVER	dB OVER	dB OVER	dB OVER
0	0	0	0	0	0	0	0	0	0	0	0
-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
-20	-20	-20	-20	-20	-20	-20	-20	-20	-20	-20	-20
-30	-30	-30	-30	-30	-30	-30	-30	-30	-30	-30	-30
-60	-60	-60	-60	-60	-60	-60	-60	-60	-60	-60	-60
EMPH L R	EMPH L R	EMPH L R	EMPH L R	EMPH L R	EMPH L R	EMPH L R	EMPH L R	EMPH L R	EMPH L R	EMPH L R	EMPH L R
CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8	CH9	CH10	CH11	CH12
EDIT PRESET	ASSEMBLE	INSERT								VIDEO	TC

TAPE UNTHREAD

LTC INTRP

TGR 00_H 39_M 33_S 17_F

AIN ---:---:---:--- AOUT ---:---:---:---
IN ---:---:---:--- OUT ---:---:---:---

TAPE TIMER 24H

PDPSET MENU

TC CONV MENU

PDTC DISP off

FC CHARA off

CHARA SUPER on

CHARA H-POS 0

CHARA V-POS 3

STILL

ALT+TC

PDPSET

(Pulldown Preset)

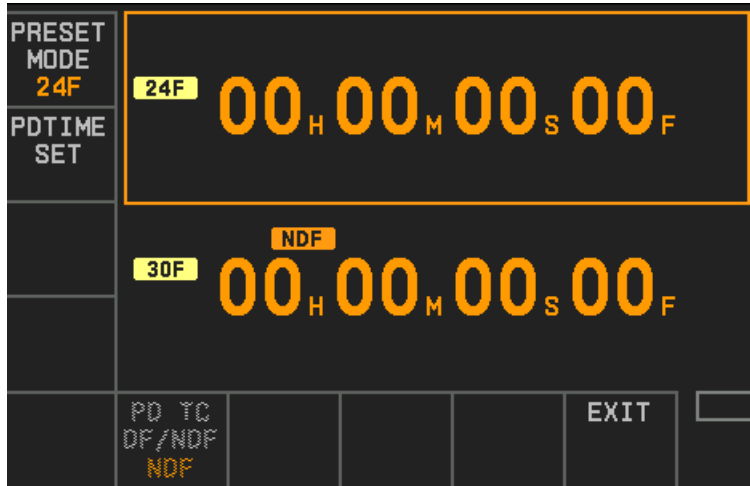
This menu is used to set the relationship between 24F original timecode and 30F pulldown timecode

The screenshot displays a video control interface with the following elements:

- Audio Channels:** 12 channels (CH1-CH12) are shown at the top, each with a vertical scale from 0 dB to -60 dB and EMPH L/R indicators.
- PRESET MODE:** Set to 24F.
- PETIME SET:** 00 H 00 M 00 S 00 F.
- 30F Mode:** NDF (No Drop Frame) and 00 H 00 M 00 S 00 F.
- Buttons:** EDIT PRESET, ASSEMBLE, INSERT, VIDEO, TC, PD TC DF/NDF, EXIT, STILL, and PDPSET.

PDPSET

(Pulldown Preset)



Typical setting for down convert of 'Dailies' and for 'Offline' editing.

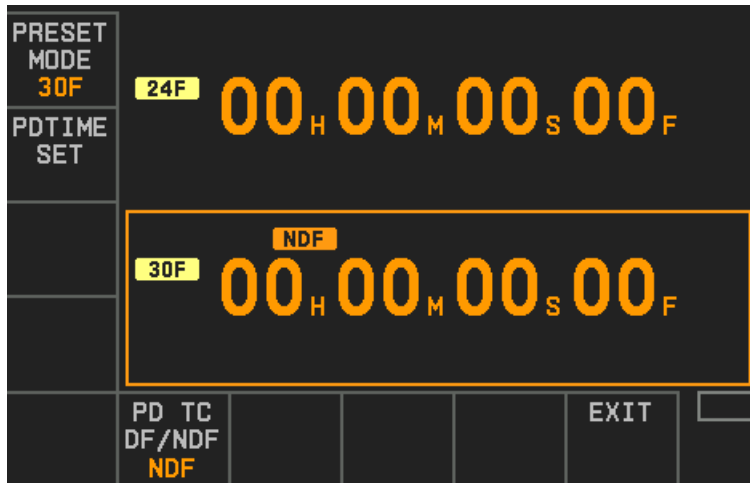
1080/23.98PsF to 525/59.94i

00:00:00:00

24F

00:00:00:00

30F NDF



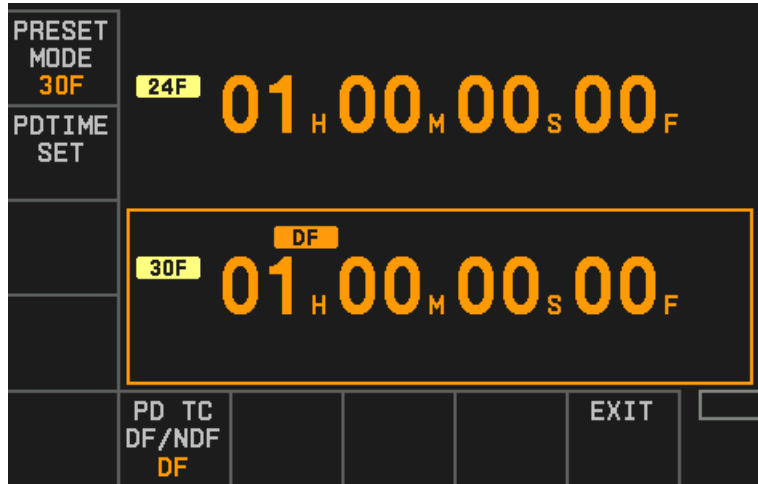
“A” frames will occur at:

Frames 00, 04, 08, 12, 16, 20 for 24F

Frames 00, 05, 10, 15, 20, 25 for 30F

PDPSET

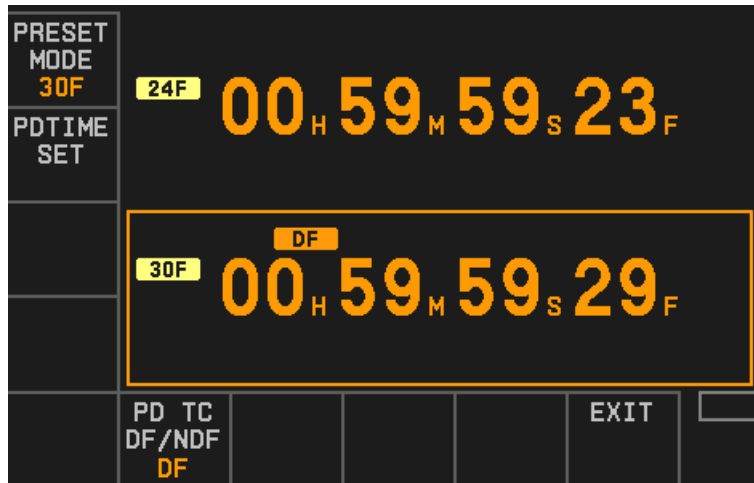
(Pulldown Preset)



Distribution master with 30F DF timecode.

Program starts at 01:00:00:00 for both 23.98PsF and 59.94i.

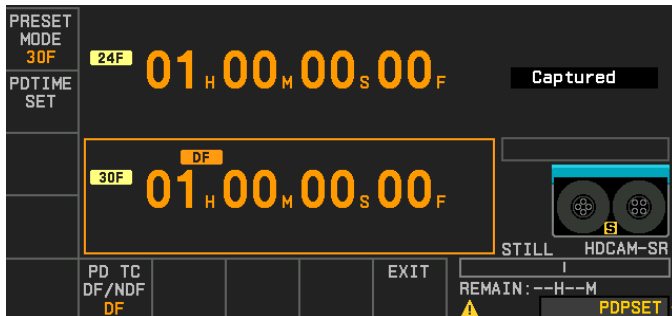
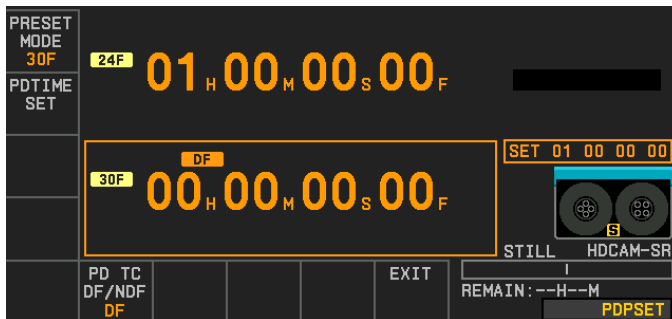
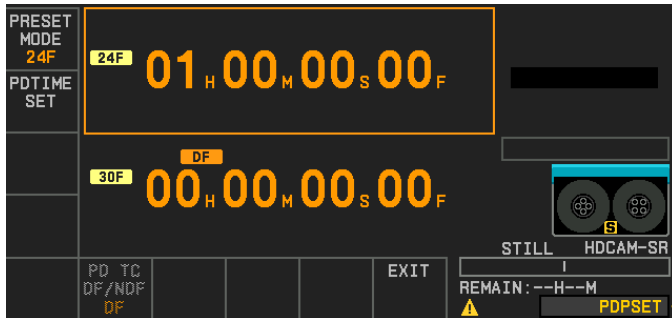
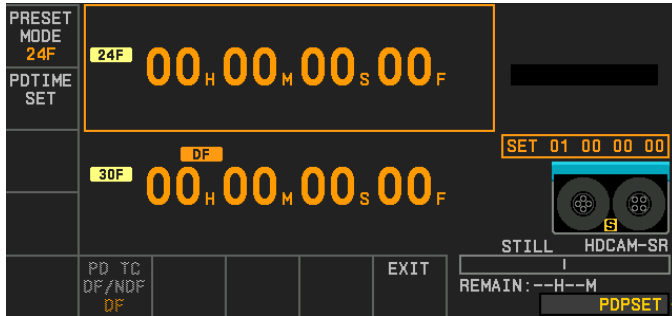
First frame of 59.94i is an “A” frame.



Some clients request program to start with a “B” frame.

Modifying the “A” frame relationship between 24F and 30F allows us to shift the “A” frame.

“B” frame will now occur at 01:00:00:00



HOW TO USE PULLDOWN PRESET MENU

Press F1 (PRESET MODE) to 24F.

Enter 24F START TIMECODE using the number pad.

Example: 01:00:00:00

Press SET

Press F2 (PDTIME SET)



Press F1 (PRESET MODE) to 30F.

Enter 30F START TIMECODE using the number pad.

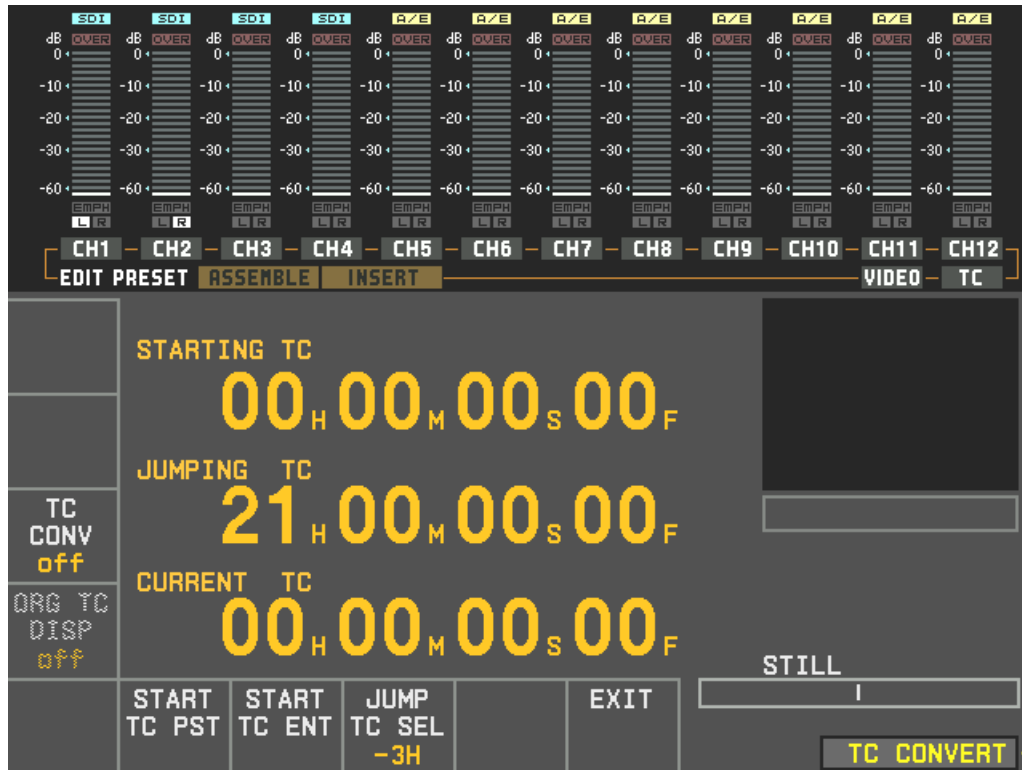
Example: 01:00:00:00

Press SET

Press F2 (PDTIME SET)

Press F6 (PD TC DF/NDF) to select:
DF for 'distribution/transmission'
NDF for 'off-line/dailies'

TC CONVERT



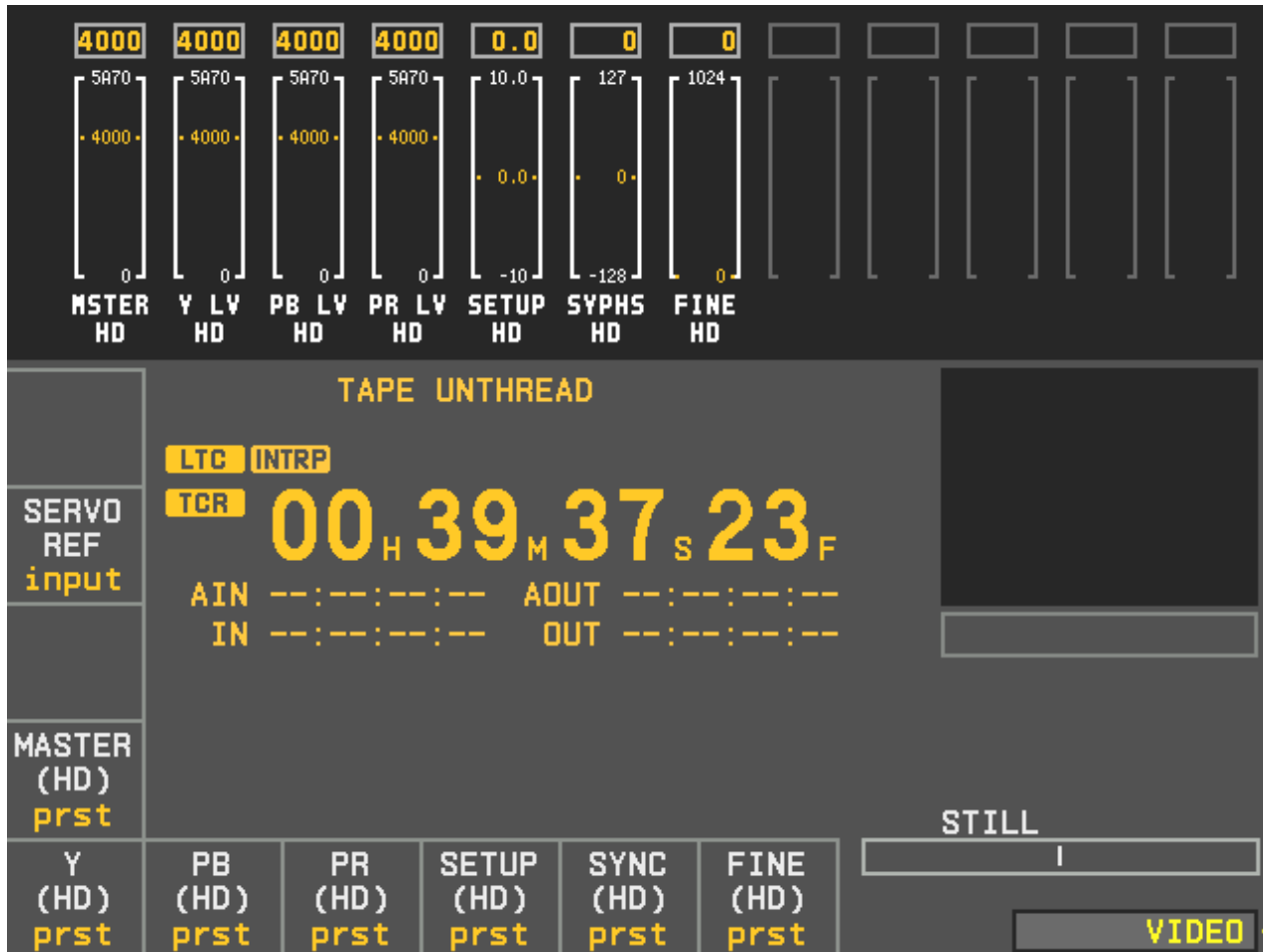
The TC CONVERT menu is primarily used to convert 24F timecode to 25F timecode.

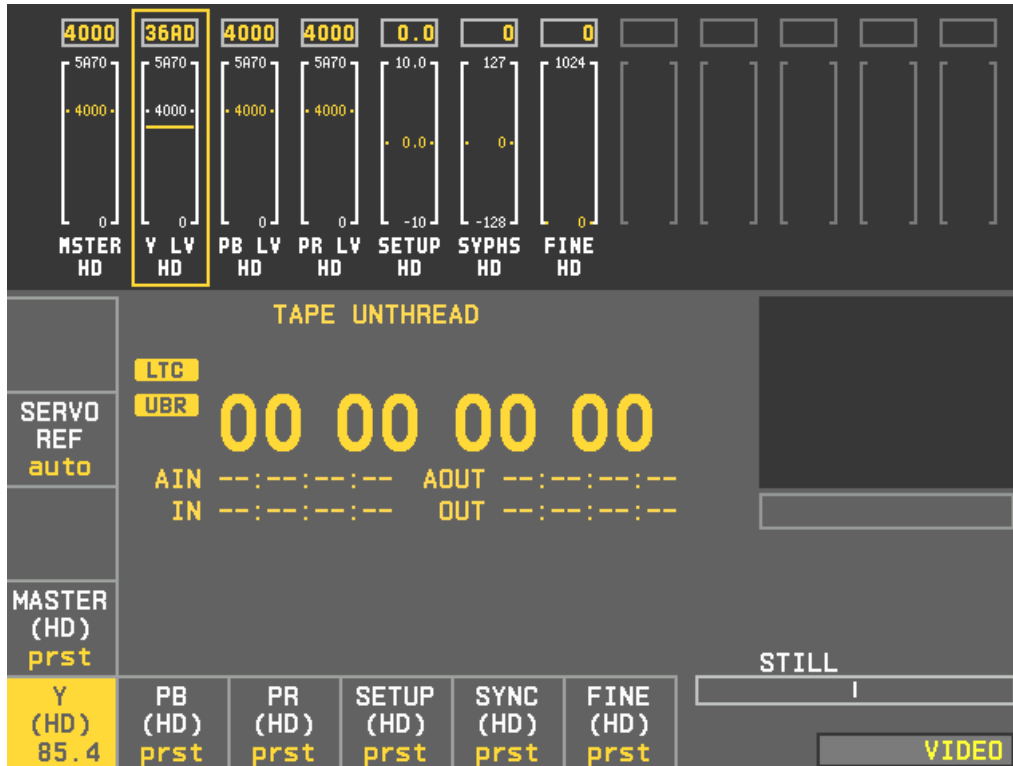
This is useful when replaying a 23.98PsF tape at 25PsF to produce masters for European distribution.

It can also be used to convert 25F or 30F timecode to 24F timecode for off-speed slo-mo.

NOTE: The converted timecode is **ONLY** available as embedded VITC in the video outputs. The XLR LTC output will remain the native format of the playback tape.

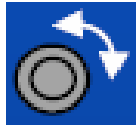
VIDEO





Press the function button associated with the parameter to be adjusted.

Rotate the Multi Control



Press the function button again to lock the adjustment.

Or press the Multi Control to reset back to PRESET value.



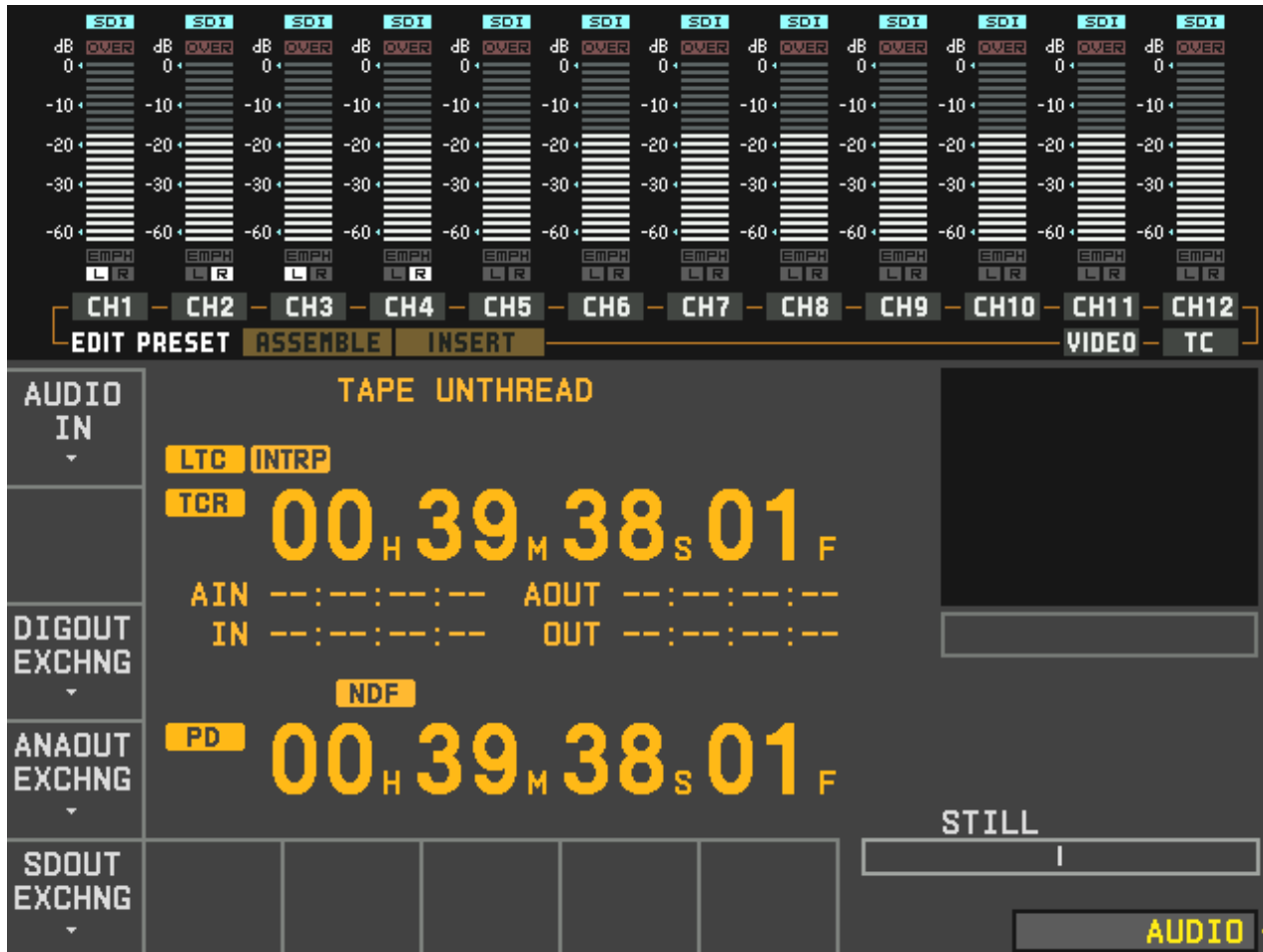
VIDEO / ALT

Downconverter adjustments

The screenshot shows a video control interface with the following elements:

- Top Row (Sliders):**
 - MASTER D1: 4000 (range 0-5A70)
 - Y LV D1: 4000 (range 0-5A70)
 - BY LV D1: 4000 (range 0-5A70)
 - RY LV D1: 4000 (range 0-5A70)
 - VID G ALL: 4000 (range 0-5A70)
 - CRM G ALL: 4000 (range 0-5A70)
 - CRM P ALL: 0 (range -127 to 127)
 - BLACK ALL: 110 (range 0-220)
 - SETUP CST: 7.5 (range 0.0-10.0)
- Central Display:**
 - TAPE UNTHREAD
 - LTC INTRP
 - TCR 00_H 39_M 37_S 23_F
 - AIN ---:---:--- ADUT ---:---:---
 - IN ---:---:--- OUT ---:---:---
- Left Column (Buttons):**
 - MASTER (D1) prst
 - Y (D1) prst
 - B-Y (D1) prst
 - R-Y (D1) prst
- Bottom Row (Buttons):**
 - CRM PH (ALL) prst
 - SETUP (CST) prst
 - STILL
 - ALT+VIDEO ◀

AUDIO



AUDIO: AUDIO IN

The screenshot displays a professional audio mixer interface. At the top, there are 12 channel faders, each with a level meter ranging from -60 dB to 0 dB. The meters are labeled with 'SDI' or 'A/E' and 'OVER' indicators. Below the faders, there are buttons for 'EDIT PRESET', 'ASSEMBLE', 'INSERT', 'VIDEO', and 'TC'. The main area shows a grid of input sources for each channel, with a central 'AUDIO INPUT SELECT' menu. The menu lists 12 channels with their current input source: CH1 (SDI), CH2 (SDI), CH3 (AES/EB), CH4 (AES/EB), CH5 (AES/EB), CH6 (AES/EB), CH7 (A/E), CH8 (A/E), CH9 (SDI), CH10 (SDI), CH11 (SDI), and CH12 (SDI). The 'SDI' option for CH3 is highlighted with a yellow arrow. At the bottom, there are buttons for 'A-IN CH5 AES/EB', 'A-IN CH6 AES/EB', 'A-IN CH7 AES/EB', 'A-IN CH8 AES/EB', 'A-IN ALL', and 'EXIT'. A 'STILL' indicator is visible on the right, and an 'AUDIO INPUT' button is at the bottom right.

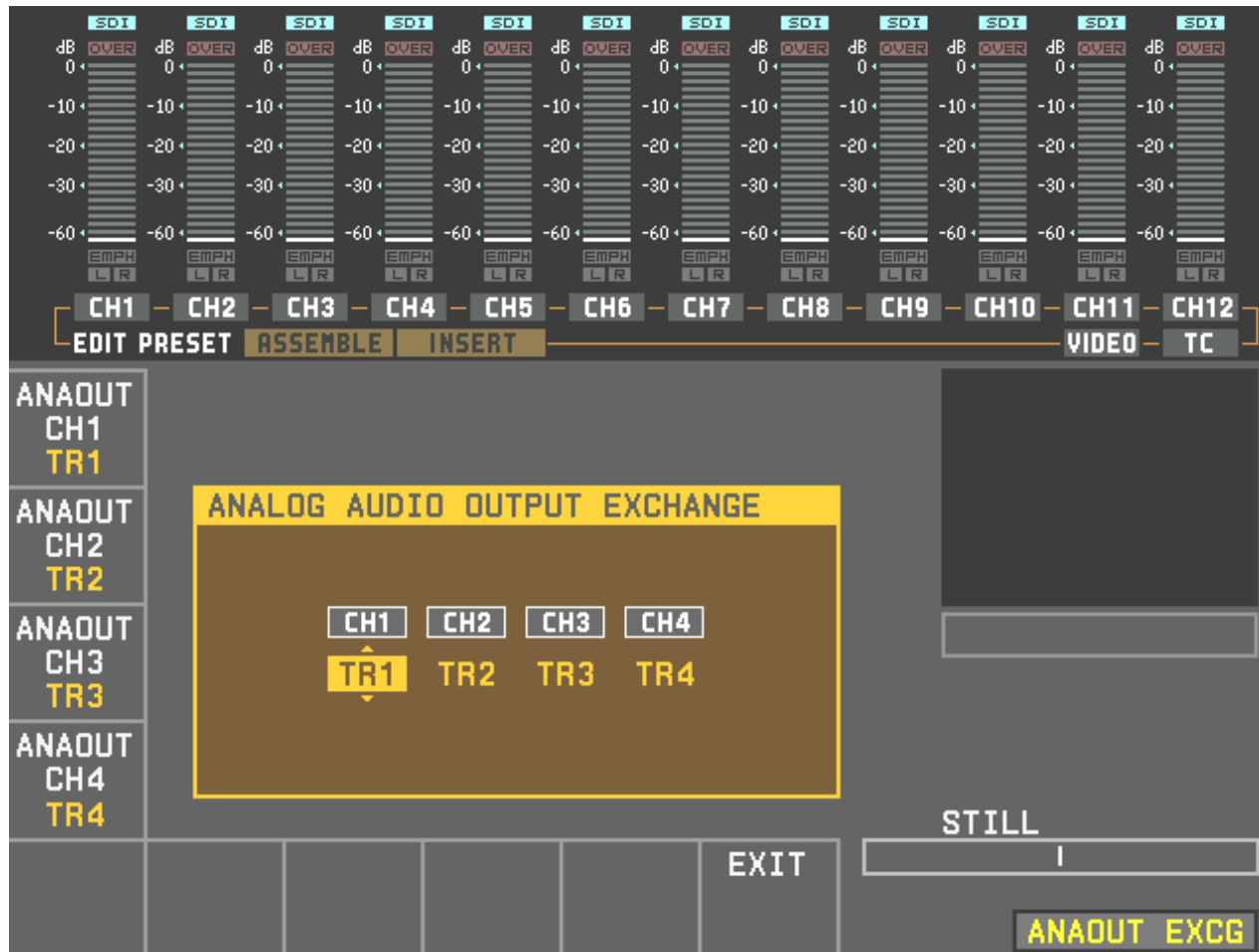
AUDIO: DIGITAL OUT EXCHANGE

The screenshot displays a control interface for audio digital out exchange. At the top, there are 12 channel meters labeled CH1 through CH12. Each meter has a scale from 0 to -60 dB and indicators for SDI and A/E. Below the meters are buttons for 'EDIT PRESET', 'ASSEMBLE', 'INSERT', 'VIDEO', and 'TC'. The main area contains the 'AUDIO OUTPUT EXCHANGE' menu, which is a grid for mapping input channels to output tracks:

CH1	CH2	CH3	CH4	CH5	CH6
TR1	TR2	TR3	TR4	TR5	TR6
CH7	CH8	CH9	CH10	CH11	CH12
TR7	TR8	TR9	TR10	TR11	TR12

On the left side, there is a vertical list of 'DIGOUT' labels: CH1 TR1, CH2 TR2, CH3 TR3, CH4 TR4, CH5 TR5, CH6 TR6, CH7 TR7, and CH8 TR8. At the bottom right, there is a 'STILL' indicator and a 'DIG OUT' button.

AUDIO: ANALOG OUT EXCHANGE



AUDIO: SD DIGITAL OUT EXCHANGE

The screenshot displays the 'SD AUDIO OUTPUT EXCHANGE' menu on a video camera. At the top, there are 12 channel meters labeled CH1 through CH12. Each meter has a scale from 0 to -60 dB and includes indicators for 'SDI' (cyan) and 'A/E' (yellow). Below the meters are buttons for 'EDIT PRESET', 'ASSEMBLE', 'INSERT', 'VIDEO', and 'TC'. The main menu area shows a list of channels and tracks:

- SD OUT CH1 TR1
- SD OUT CH2 TR2
- SD OUT CH3 TR3
- SD OUT CH4 TR4
- SD OUT CH5 TR5
- SD OUT CH6 TR6
- SD OUT CH7 TR7
- SD OUT CH8 TR8

The 'SD AUDIO OUTPUT EXCHANGE' menu is currently open, showing a grid of options:

- CH1 CH2 CH3 CH4
- TR1 TR2 TR3 TR4
- CH5 CH6 CH7 CH8
- TR5 TR6 TR7 TR8

At the bottom of the screen, there are buttons for 'SD OUT CH5 TR5', 'SD OUT CH6 TR6', 'SD OUT CH7 TR7', 'SD OUT CH8 TR8', 'SD OUT EXCHNG ena', and 'SDOUT EXCG'. A 'STILL' indicator is also visible.

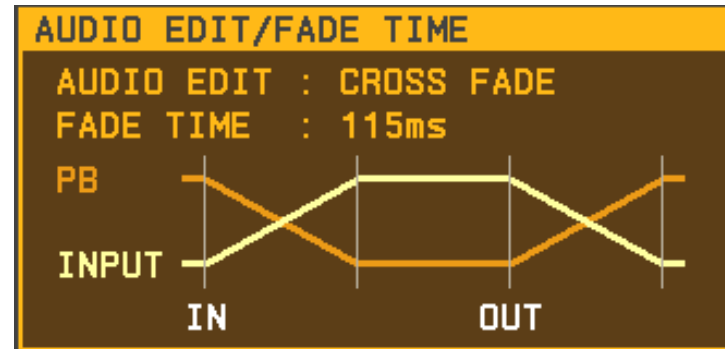
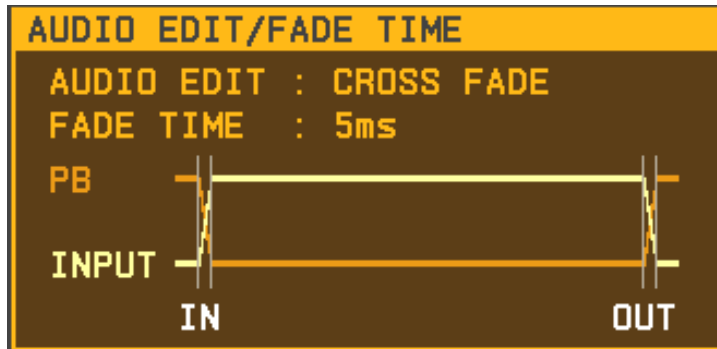
AUDIO / ALT

The screenshot displays a video editing software interface with the following elements:

- Audio Level Meters:** A row of 12 meters labeled CH1 through CH12. Each meter shows a dB scale from 0 to -60 and includes 'OVER' and 'EMPH L R' indicators.
- Channel Selection:** A row of buttons below the meters, including 'EDIT PRESET', 'ASSEMBLE', 'INSERT', 'VIDEO', and 'TC'. The 'ASSEMBLE' button is highlighted.
- Left Panel:** A vertical menu with options: 'AUDIO EDIT', 'cross', 'FADE TIME 10ms', 'REPLCE MODE', and 'ANALOG REPLCE'.
- Central Display:** A yellow box titled 'AUDIO EDIT/FADE TIME' containing the text 'AUDIO EDIT : CROSS FADE' and 'FADE TIME : 10ms'. Below this is a diagram showing two audio waveforms, 'PB' and 'INPUT', crossing at an 'IN' point and diverging at an 'OUT' point.
- Right Panel:** A large black rectangular area, likely a video preview window.
- Bottom Panel:** A 'STILL' indicator and a button labeled 'ALT+AUDIO' with a left-pointing arrow.

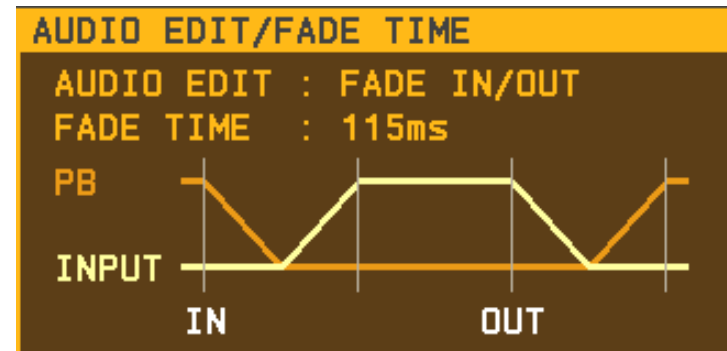
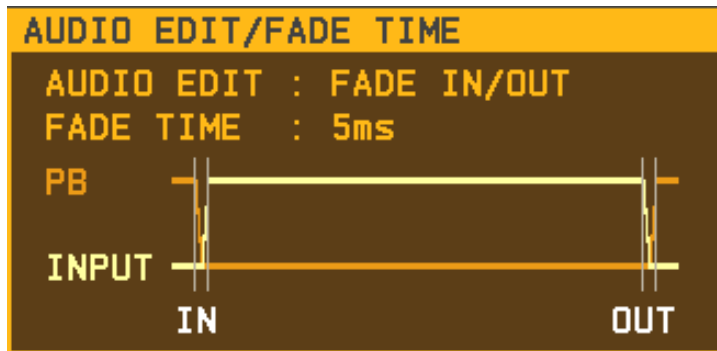
AUDIO / ALT : AUDIO EDIT CROSS FADE

Cross fade time is user selectable from 5msec to 115msec. Default cross fade time is 10msec



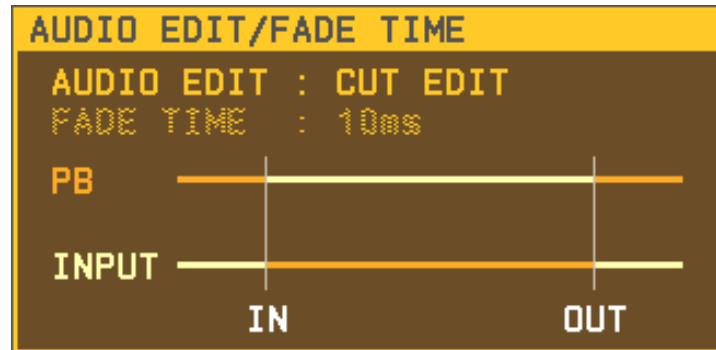
AUDIO / ALT : AUDIO EDIT FADE IN/OUT

Fade In/Out time is user selectable from 5msec to 115msec.
Default cross fade time is 10msec

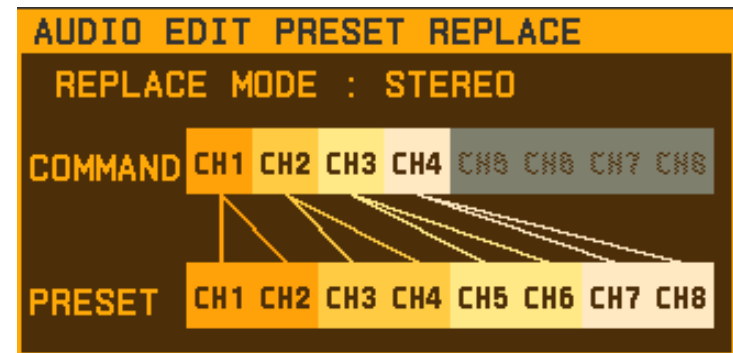
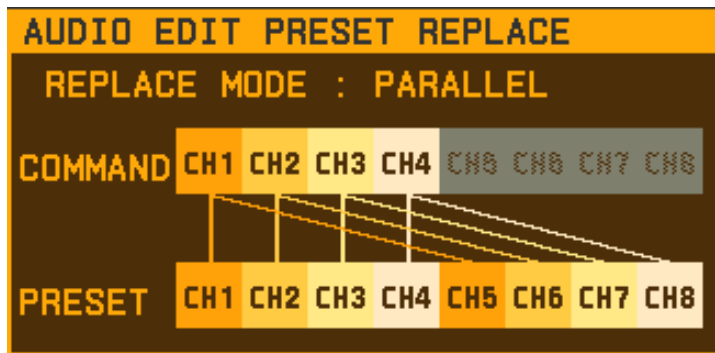
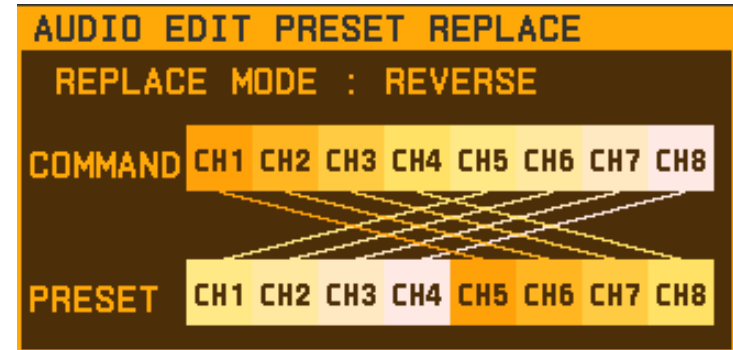
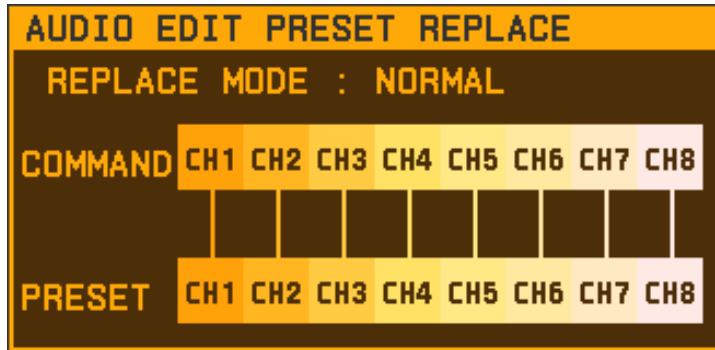


AUDIO / ALT : AUDIO EDIT CUT

Use Cut Edit mode when editing Dolby E streams.
Dolby E data is frame based.



AUDIO / ALT: REPLACE MODE



AUDIO / ALT: ANALOG AUDIO EDIT REPLACE

ANAREP CH9 nodef					
ANAREP CH10 nodef	ANALOG AUDIO EDIT REPLACE				
ANAREP CH11 nodef	CMD	PRESET			
ANAREP CH12 nodef	ANA CH1 →	CH9	CH10	CH11	CH12
	ANA CH2 →	CH9	CH10	CH11	CH12
					EXIT

ANAREP CH9 ch1					
ANAREP CH10 ch1	ANALOG AUDIO EDIT REPLACE				
ANAREP CH11 ch2	CMD	PRESET			
ANAREP CH12 ch2	ANA CH1 →	CH9	CH10	CH11	CH12
	ANA CH2 →	CH9	CH10	CH11	CH12
					EXIT

CUE


The screenshot displays a video production control interface. At the top, there are 11 audio level meters labeled CH1 through CH11 and CUE. Each meter shows a dB scale from 0 to -60 and includes indicators for OVER, EMPH, and L/R. Below the meters is a navigation bar with buttons: EDIT PRESET, ASSEMBLE, INSERT, VIDEO, and TC. The main display area shows a cue list with columns for page numbers and timecodes. The current cue is highlighted in yellow.

Page	Timecode
0	00:39:38:01
1	00:39:52:09
2	00:39:48:18
3	00:39:50:12
4	00:39:52:10
5	00:39:55:03
6	00:40:05:23
7	
8	
9	

Additional interface elements include:

- PREV PAGE and NEXT PAGE buttons on the left.
- TELE FILE button with a dropdown arrow.
- CUE P-ROLL 0sec indicator.
- PAGE SET, CUENUM SET, and M-CUE CLEAR off buttons.
- STILL and HDCAM indicators.
- REMAIN: 00H11M timer.
- A CUE button with a left-pointing arrow at the bottom right.


CUE / TELEFILE

CUE SCAN	REC DATE[2005/07/08] EOS[00:54:59:18]					TITLE[] Rest 17%																														
ENTRY POINT CUE	No. IN OUT Tape Format																																			
COMMNT EDIT	<table border="1"> <tr> <td>0</td> <td>00:00:20:00</td> <td>00:00:25:00</td> <td>23p</td> <td>1080</td> </tr> <tr> <td>1</td> <td>00:06:46:03</td> <td>00:21:35:20</td> <td>29p</td> <td>1080</td> </tr> <tr> <td>2</td> <td>00:38:49:00</td> <td>00:41:39:00</td> <td>24p</td> <td>1080</td> </tr> <tr> <td>3</td> <td>00:41:39:01</td> <td>00:42:12:12</td> <td>24p</td> <td>1080</td> </tr> <tr> <td>4</td> <td>00:42:12:13</td> <td>00:44:04:14</td> <td>24p</td> <td>1080</td> </tr> <tr> <td>5</td> <td>00:44:04:15</td> <td>00:44:39:13</td> <td>24p</td> <td>1080</td> </tr> </table>					0	00:00:20:00	00:00:25:00	23p	1080	1	00:06:46:03	00:21:35:20	29p	1080	2	00:38:49:00	00:41:39:00	24p	1080	3	00:41:39:01	00:42:12:12	24p	1080	4	00:42:12:13	00:44:04:14	24p	1080	5	00:44:04:15	00:44:39:13	24p	1080	
0	00:00:20:00	00:00:25:00	23p	1080																																
1	00:06:46:03	00:21:35:20	29p	1080																																
2	00:38:49:00	00:41:39:00	24p	1080																																
3	00:41:39:01	00:42:12:12	24p	1080																																
4	00:42:12:13	00:44:04:14	24p	1080																																
5	00:44:04:15	00:44:39:13	24p	1080																																
CHANGE DATA																																				
DEL POINT	MARK	PRO-TECT	TAPE INFO	CUENUM POINT	WRITE/EXIT	STILL HDCAM-SR REMAIN:--H--M TELE-FILE ◀																														

CUE / TELEFILE: TAPE INFO

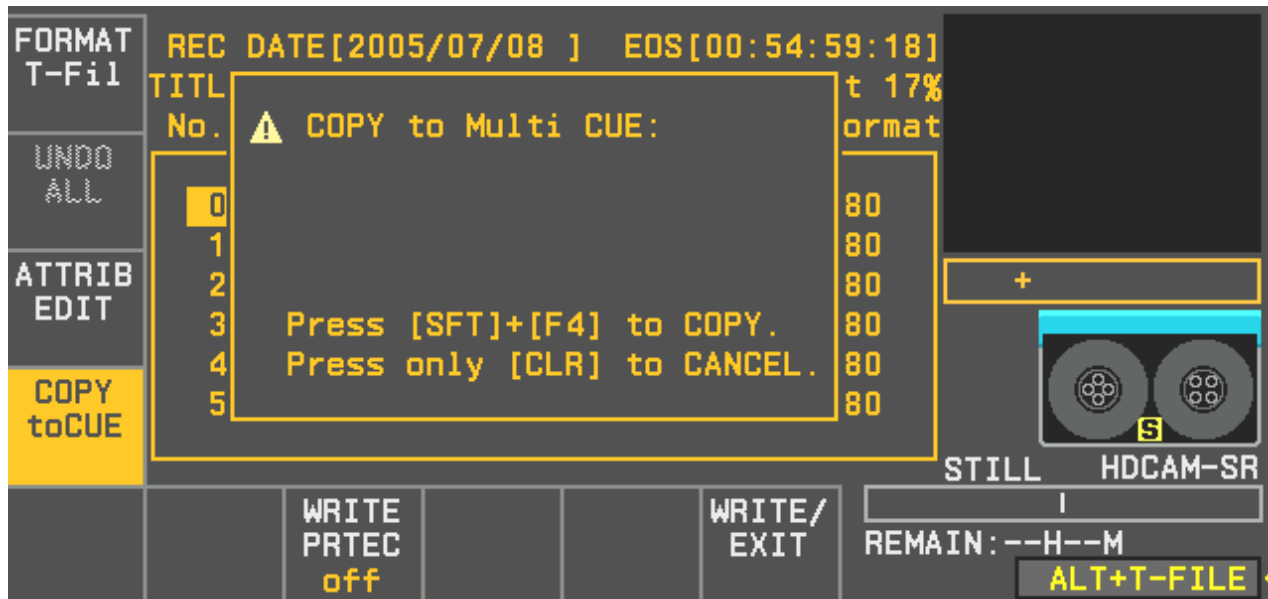
CUE SCAN	REC D	59:18]	
ENTRY POINT CUE	TITLE[st 17%	
COMMT EDIT	No. I	Format	
CHANGE DATA	0 0	080	
	1 0	080	
	2 0	080	
	3 0	080	
	4 0	080	
	5 0	080	
DEL POINT	MARK	PROTECT	TAPE INFO
			CUENUM POINT
			WRITE/EXIT
			REMAIN:--H--M
			TELE-FILE ◀

TAPE INFORMATION			
ID:			
ADMIN:			
MODEL:SRW-5000 SY			080
SERIAL NUMBER:010357			080
TAPE THREAD COUNT: 241			080
			080
			080
SIZE:1024	USED:	885	080



STILL HDCAM-SR

CUE / TELEFILE / ALT: COPY TO CUE



CUE / TELEFILE / ALT: FORMAT T-FILE

FORMAT T-Fil	REC DATE[2005/07/08] EOS[00:54:59:18]	
UNDO ALL	TITL	t 17%
ATTRIB EDIT	No. ▲ CONFIRMATION OF FORMATTING	ormat
COPY toCUE	0 All data in Tele-File	80
	1 WILL BE LOST.	80
	2	80
	3 Press [SFT]+[F1] to FORMAT.	80
	4 Press [CLR] to CANCEL.	80
5	80	
	WRITE PRTEC off	WRITE/ EXIT
		STILL HDCAM-SR REMAIN:--H--M ALT+T-FILE ◀

SETUP

The screenshot displays a camera's setup menu with the following elements:

- Audio Meters:** 12 channels (CH1-CH12) are shown. Channels 1-8 are labeled 'A/E' and channels 9-12 are labeled 'SDI'. Each channel has a vertical scale from 0 dB to -60 dB and a red 'OVER' indicator at the top.
- Channel Labels:** CH1, CH2, CH3, CH4, CH5, CH6, CH7, CH8, CH9, CH10, CH11, CH12.
- Function Keys:** EDIT, PRESET, ASSEMBLE, INSERT, VIDEO, TC.
- Left Panel:**
 - VTR BANK (dropdown)
 - MEMORY CARD (dropdown)
 - PF ASSIGN (dropdown)
 - PANEL SETUP (dropdown)
- Instructions:**
 - [F1]VTR BANK: Copy data between current setup and 8 banks.
 - [F2]MEMORY CARD: Copy data between VTR and memory card.
 - [F4]PF ASSIGN: Assign HOME/TC/VIDEO/AUDIO/PF1/PF2 menu function keys.
 - [F5]PANEL SETUP: Panel setting
 - [F6]VTR SETUP: VTR current setup
- Right Panel:**
 - STILL and HDCAM-SR indicators.
 - A 'REMAIN:--H--M' timer.
 - A 'SETUP' button with a left-pointing arrow.

SETUP / VTR BANK

The interface displays 12 audio channel meters (CH1-CH12) with dB scales from 0 to -60 and EMPH L/R indicators. Below the meters are buttons for EDIT PRESET, ASSEMBLE, INSERT, VIDEO, and TC.

The VTR BANK menu is currently open, showing:

- VTR BANK CURRENT SETUP ←
- VTR BANK SETUP BANK 3
- 1 EDIT ROOM 1
- 2 TK
- ▶ 3 DAILIES (highlighted)
- 4 DOWNCONVERT
- 5 IQ
- 6 AVID NLE
- 7 PAL DVD
- 8 AUD LAYBACK
- ⌘F (Preset)

At the bottom, there are buttons for UNDO, EDIT TITLE, DIREC-TION, COPY, EXIT, STILL, HDCAM-SR, and a REMAIN:--H--M display with a BANK button.

SETUP / VTR BANK / ALT

The screenshot displays a video control interface with 12 SDI channels at the top. Each channel has a vertical scale from 0 dB to -60 dB and an 'OVER' indicator. Below the channels are buttons for 'EDIT PRESET', 'ASSEMBLE', 'INSERT', 'VIDEO', and 'TC'. The main menu is titled 'VTR BANK' and shows 'CURRENT SETUP' as 'DAILIES' and 'SETUP BANK 3'. A list of options includes: 1 EDIT ROOM 1, 2 TK, 3 DAILIES (highlighted), 4 DOWNCONVERT, 5 IQ, 6 AVID NLE, 7 PAL DVD, 8 AUD LAYBACK, and ⌘F (Preset). On the left, 'PROTECT' and 'POW-ON RECALL Bank-1' are visible. At the bottom right, there is a 'STILL' indicator and an 'ALT+BANK' button.

SETUP / MEM BANK / SETUP

The screenshot displays a video editing software interface. At the top, there are 12 SDI channels, each with a level meter showing dB levels from 0 to -60. Below the meters are buttons for CH1 through CH12, EDIT PRESET, ASSEMBLE, INSERT, VIDEO, and TC. The main menu is titled 'PRESET SETUP' and lists various preset options:

FORMAT CARD	CARD BANK 0	PRESET SETUP
	DAILIES 0	C DAILIES
UNDO	EDIT ROOM 1 1	1 EDIT ROOM 1
	TK 2	2 TK
	DAILIES 3	3 DAILIES
	DOWNCONVERT 4	4 DOWNCONVERT
SHOW SETUP	IQ 5	5 IQ
	AVID NLE 6	6 AVID NLE
	PAL DVD 7	7 PAL DVD
SHOW CUESET	AUD LAYBACK 8	8 AUD LAYBACK
		F (Preset)

At the bottom of the interface, there are buttons for EDIT TITLE, SELECT ALL, DIRECTION, COPY, EXIT, and MEMCARD. A 'STILL' indicator is also present.

SETUP / MEM BANK / CUESET

The screenshot displays a video editing software interface. At the top, there are 12 SDI channels, each with a level meter showing dB levels from 0 to -60. Below the meters are buttons for 'EDIT PRESET', 'ASSEMBLE', 'INSERT', 'VIDEO', and 'TC'. The main menu is titled 'CUE POINT SET 1' and 'CURRENT CUE SET'. The 'CURRENT CUE SET' is set to 'C HDCAM'. The 'CUE POINT SET 1' menu shows 8 cue points, all labeled '(Blank)'. The 'SHOW CUESET' option is highlighted in yellow. At the bottom, there are buttons for 'EDIT TITLE', 'SELECT ALL', 'DIRECTION', 'COPY', 'EXIT', and 'MEMCARD'.

Channel	SDI	dB	OVER	EMPH	LR
1	SDI	0	OVER	EMPH	LR
2	SDI	0	OVER	EMPH	LR
3	SDI	0	OVER	EMPH	LR
4	SDI	0	OVER	EMPH	LR
5	SDI	0	OVER	EMPH	LR
6	SDI	0	OVER	EMPH	LR
7	SDI	0	OVER	EMPH	LR
8	SDI	0	OVER	EMPH	LR
9	SDI	0	OVER	EMPH	LR
10	SDI	0	OVER	EMPH	LR
11	SDI	0	OVER	EMPH	LR
12	SDI	0	OVER	EMPH	LR

Menu Item	Value
FORMAT CARD	CUE POINT SET 1 ← CURRENT CUE SET
UNDO	(Blank) 1 ▶ C HDCAM
	(Blank) 2 ⚡F (Blank)
	(Blank) 3
	(Blank) 4
	(Blank) 5
	(Blank) 6
	(Blank) 7
	(Blank) 8
SHOW CUESET	

STILL
I
MEMCARD

PF ASSIGN

In addition to user Pages PF1 and PF2, all menu pages can be customized.

The screenshot displays a control interface for a video system. At the top, there are 12 channel meters (CH1 to CH12) with dB scales from 0 to -60 and 'OVER' indicators. Below the meters is a row of buttons: EDIT PRESET, ASSEMBLE, INSERT, VIDEO, and TC. The main display area is divided into sections: PAGE (F1, PB/EE), PAGE DEF., KEY DEF., and VTR SETUP menu. The VTR SETUP menu lists various options, with '001: PRE READ' highlighted. A 'STILL' indicator and a 'PF ASSIGN' button are also visible.

dB	OVER	dB	OVER	dB	OVER	dB	OVER	dB	OVER	dB	OVER	dB	OVER	dB	OVER	dB	OVER	dB	OVER
0		0		0		0		0		0		0		0		0		0	
-10		-10		-10		-10		-10		-10		-10		-10		-10		-10	
-20		-20		-20		-20		-20		-20		-20		-20		-20		-20	
-30		-30		-30		-30		-30		-30		-30		-30		-30		-30	
-60		-60		-60		-60		-60		-60		-60		-60		-60		-60	

CH1 - CH2 - CH3 - CH4 - CH5 - CH6 - CH7 - CH8 - CH9 - CH10 - CH11 - CH12

EDIT PRESET ASSEMBLE INSERT VIDEO TC

PAGE F1 HOME VTR SETUP menu

PB/EE

PAGE DEF.

KEY DEF.

F1 : K23
F2 : 002
F3 : K01
F4 : K02
F5 : K03
F6 : INS
F7 : K16
F8 :
F9 :

001: PRE READ
002: REC INH
003: REC INH ARE
005: SERVO REF
006: EXT REF SEL
007: SYNC PLAY
008: LOCAL ENA
009: LOCAL MAP
017: PB/EE STATE

STILL

BLANK PASTE CANCEL SAVE/EXIT

PF ASSIGN

PF ASSIGN

HOME
▶F1 : K23
F2 : 002
F3 : K01
F4 : K02
F5 : K03
F6 : INS
F7 : K16
F8 :
F9 :

TC
▶F1 : 602
F2 : K22
F3 : K21
F4 : K20
F5 : 603
F6 : 607
F7 : 606
F8 : 609
F9 : 601

VIDEO
▶F1 :
F2 : 005
F3 :
F4 : 708
F5 : 709
F6 : 710
F7 : 711
F8 : 712
F9 : 713

AUDIO
▶F1 : AUD
F2 :
F3 : DIG
F4 : ANA
F5 : SDO
F6 :
F7 :
F8 :
F9 :

PF1
▶F1 :
F2 :
F3 :
F4 :
F5 :
F6 :
F7 :
F8 :
F9 :

PF2
▶F1 :
F2 :
F3 :
F4 :
F5 :
F6 :
F7 :
F8 :
F9 :

ALT+HOME
▶F1 : 001
F2 :
F3 : K17
F4 :
F5 :
F6 : 302
F7 : K18
F8 : 129
F9 : 017

ALT+TC
▶F1 : 605
F2 : PDP
F3 : TCC
F4 : A01
F5 : A03
F6 : 620
F7 : 622
F8 : 623
F9 :

ALT+VIDEO
▶F1 : 755
F2 : 756
F3 : 757
F4 : 758
F5 : 740
F6 : 741
F7 : 742
F8 : 743
F9 : 762

ALT+AUDIO
▶F1 : 317
F2 : 811
F3 : 311
F4 : 312
F5 : 317
F6 :
F7 :
F8 :
F9 :

ALT+PF1
▶F1 :
F2 :
F3 :
F4 :
F5 :
F6 :
F7 :
F8 :
F9 :

ALT+PF2
▶F1 :
F2 :
F3 :
F4 :
F5 :
F6 :
F7 :
F8 :
F9 :

PAGE	F9	HOME	VTR SETUP menu ▲			
	PB EE	F2 : 002	003:REC INH ARE			
	SEL	F3 : K01	005:SERVO REF			
	<SUB>	F4 : K02	006:EXT REF SEL			
PAGE DEF.		F5 : K03	007:SYNC PLAY			
		F6 : INS	008:LOCAL ENA			
		F7 : K16	009:LOCAL MAP			
		F8 :	▶ 017:PB/EE STATE			
KEY DEF.		▶ F9 : 017	018:AUTO EJECT1			
		F10:	019:AUTO EJECT2 ▼			
	BLANK	PASTE		CANCEL	SAVE/ EXIT	REMA

SETUP / VTR SETUP

SDI SDI SDI SDI SDI SDI SDI SDI SDI SDI SDI SDI

dB OVER dB OVER dB OVER dB OVER dB OVER dB OVER dB OVER dB OVER dB OVER dB OVER dB OVER

0 0 0 0 0 0 0 0 0 0 0 0

-10 -10 -10 -10 -10 -10 -10 -10 -10 -10 -10 -10

-20 -20 -20 -20 -20 -20 -20 -20 -20 -20 -20 -20

-30 -30 -30 -30 -30 -30 -30 -30 -30 -30 -30 -30

-60 -60 -60 -60 -60 -60 -60 -60 -60 -60 -60 -60

EMPH L R EMPH L R EMPH L R EMPH L R EMPH L R EMPH L R EMPH L R EMPH L R EMPH L R EMPH L R EMPH L R EMPH L R

CH1 CH2 CH3 CH4 CH5 CH6 CH7 CH8 CH9 CH10 CH11 CH12

EDIT PRESET ASSEMBLE INSERT VIDEO TC

PREV PAGE

NEXT PAGE

CATEGORIES

VTR OPE

PANEL CTRL

REMOTE IF

EDITING

PREROLL

TP PROTECT

TIME CODE

VIDEO CTRL1

VIDEO CTRL2

AUDIO CTRL

VTR CONTROL

001:PRE READ - off

002:REC INH - off

003:REC INH ARE - all

005:SERVO REF - input

006:EXT REF SEL ~ HD

007:SYNC PLAY - off

008:LOCAL ENA - st&ej

009:LOCAL MAP - <SUB>

017:PB/EE STATE - <SUB>

018:AUTO EJECT1 - off

STILL HDCAM-SR

REMAIN: 00H43M

VTR SETUP

USEFUL MENUS

132: MULTI CONTROL KNOB MODE
MOVE WINDOW
SET DEFAULT *

Improves navigation of setup menu

618: LTC OUTPUT PHASE
INPUT
AUTO
OUTPUT *

EDIT: LTC Output Phase = Input

PB/REC: LTC Output Phase = Output

780: DUAL STREAM SELECT
STREAM B
STREAM A*

Used to select different PB streams when
replaying Dual Stream tapes from SRW-1

809: DJ SOUND
OFF
ON*

Set to OFF to improve audio jog accuracy when
editing

831: NON AUDIO SELECT

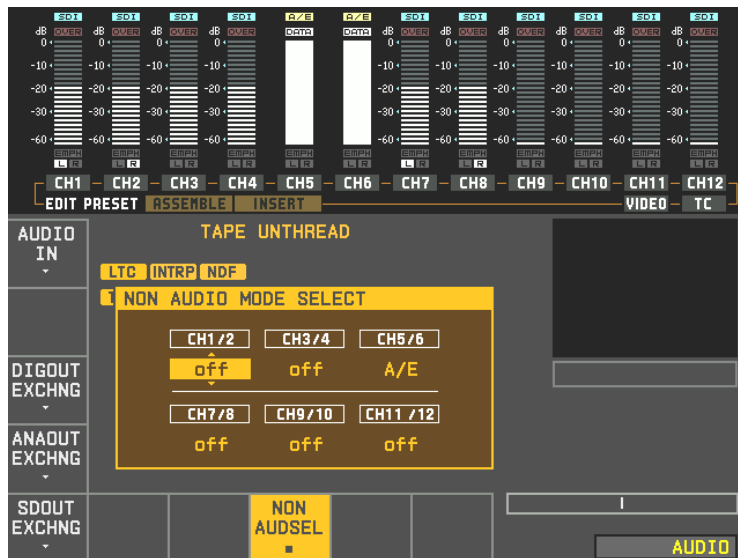
CH 1/2, 3/4, 5/6, 7/8, 9/10, 11/12

AES

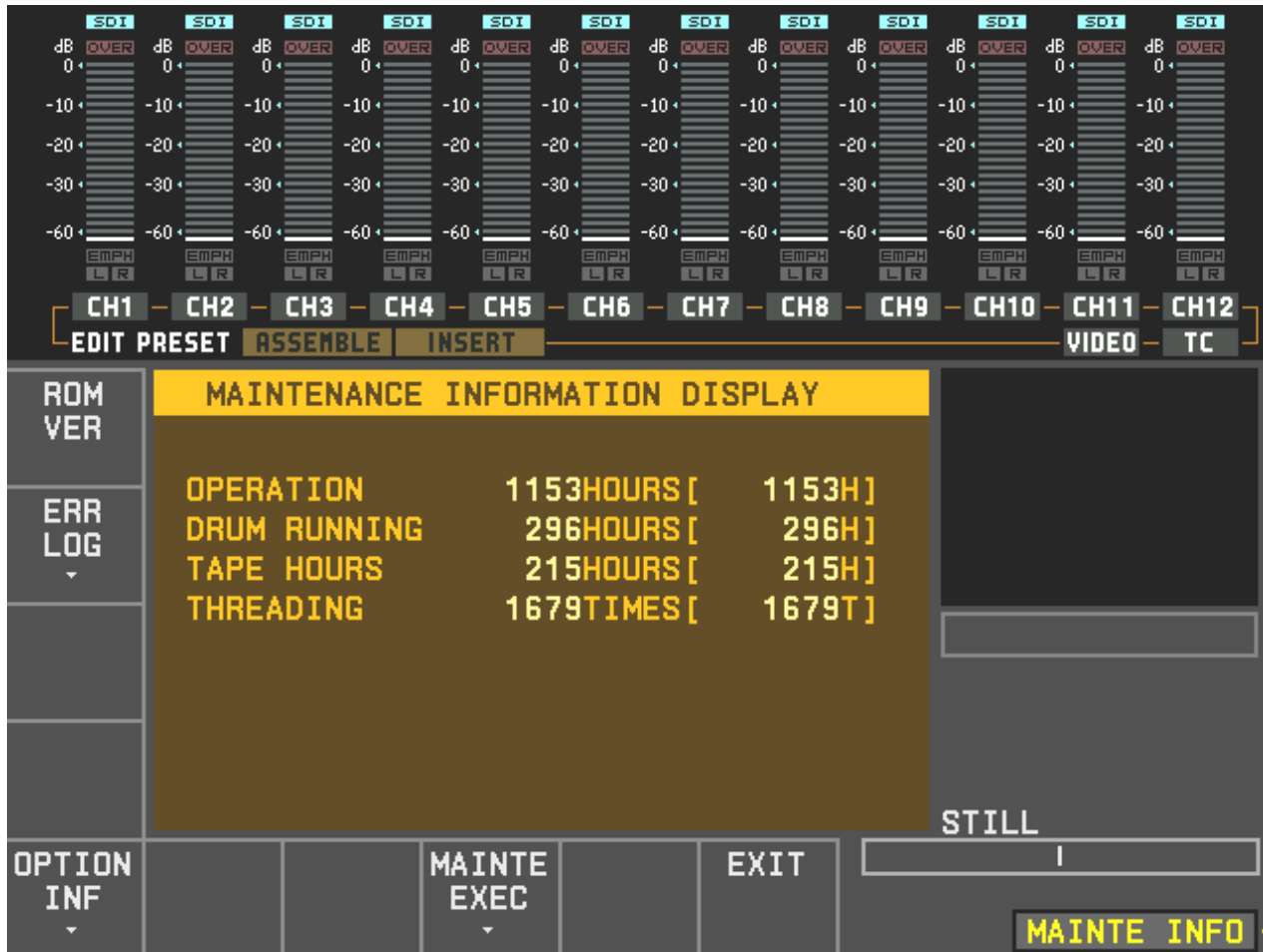
SDI

OFF*

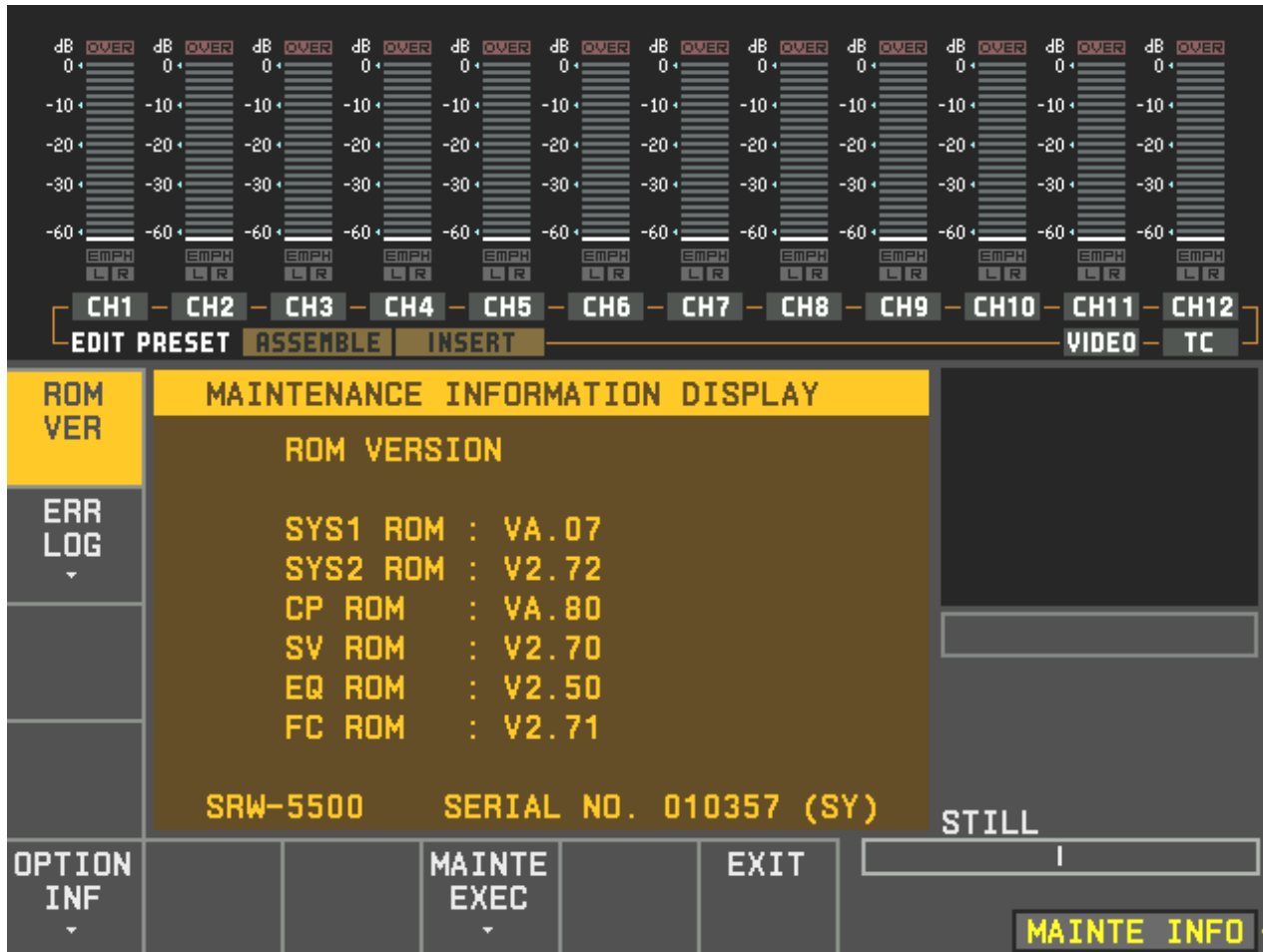
Use to set record channels for Dolby E or AC-3 data



SFT + DIAG



SFT + DIAG / ROM VER



SFT + DIAG / ERROR LOG

dB OVER dB OVER dB OVER dB OVER dB OVER dB OVER dB OVER dB OVER dB OVER dB OVER dB OVER dB OVER dB OVER

0 0

-10 -10

-20 -20

-30 -30

-60 -60

EMPH L R EMPH L R EMPH L R EMPH L R EMPH L R EMPH L R EMPH L R EMPH L R EMPH L R EMPH L R EMPH L R EMPH L R

CH1 CH2 CH3 CH4 CH5 CH6 CH7 CH8 CH9 CH10 CH11 CH12

EDIT PRESET ASSEMBLE INSERT VIDEO TC

PAGE TOP ERROR LOG '05/07/13 12:45:17

TOTAL 43

PAGE END 01.00:00:00:00 (W) 08
NO SDI INPUT

FULL MSG 02.01:12:45:22 (W) 3B
NO LTC REPRODUCED

ALL CLEAR 03.01:12:45:23 (W) 14
NO PB RF SIGNAL

04.01:17:30:17 (W) 2D
INVALID SDI DATA

STILL

WARNI-NG on ERROR on CONDI-TION on TIME TC EXIT

ERROR LOG

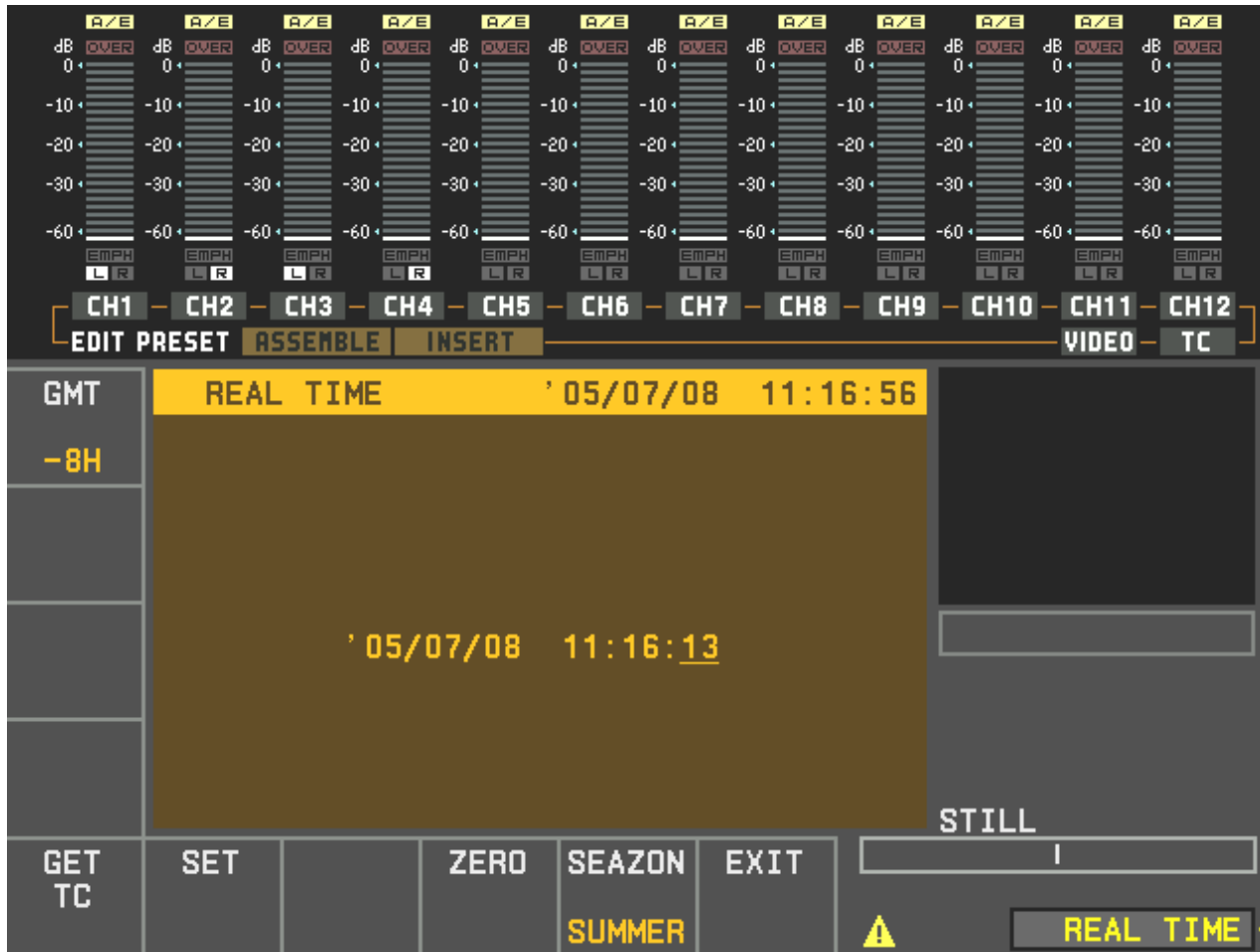
SFT + DIAG / ERROR LOG / ALT CANCEL EDIT

The screenshot displays a video editing software interface. At the top, there are 12 channel meters (CH1 to CH12) with 'A/E' labels and 'OVER' indicators. Below the meters is a control bar with buttons for 'EDIT PRESET', 'ASSEMBLE', 'INSERT', 'VIDEO', and 'TC'. The main display area shows a 'CANCEL EDIT' dialog box with the following text:

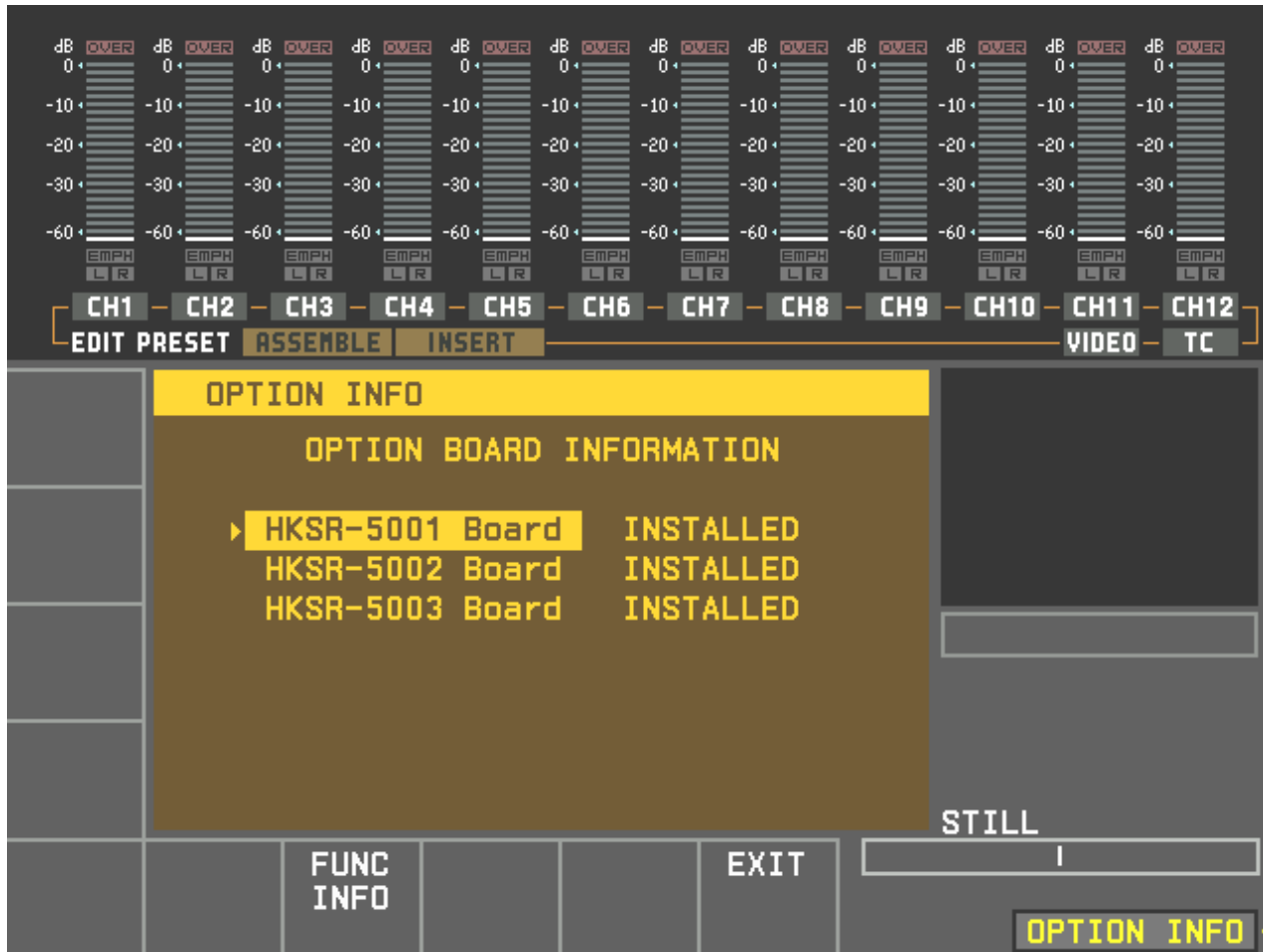
CANCEL EDIT '05/07/08 11:18:08
TOTAL 41
16. INCONSISTENT FORMAT
17. PB FREQUENCY IS UNSUITABLE
*19. NO A1/A2 INPUT
*1A. NO A3/A4 INPUT
*1B. NO A5/A6 INPUT
*1C. NO A7/A8 INPUT
CANCEL TOTAL: 07

On the left side of the interface, there is a 'MARK' button. At the bottom right, there is a 'STILL' button and a 'CANCEL EDIT' button with a left-pointing arrow.

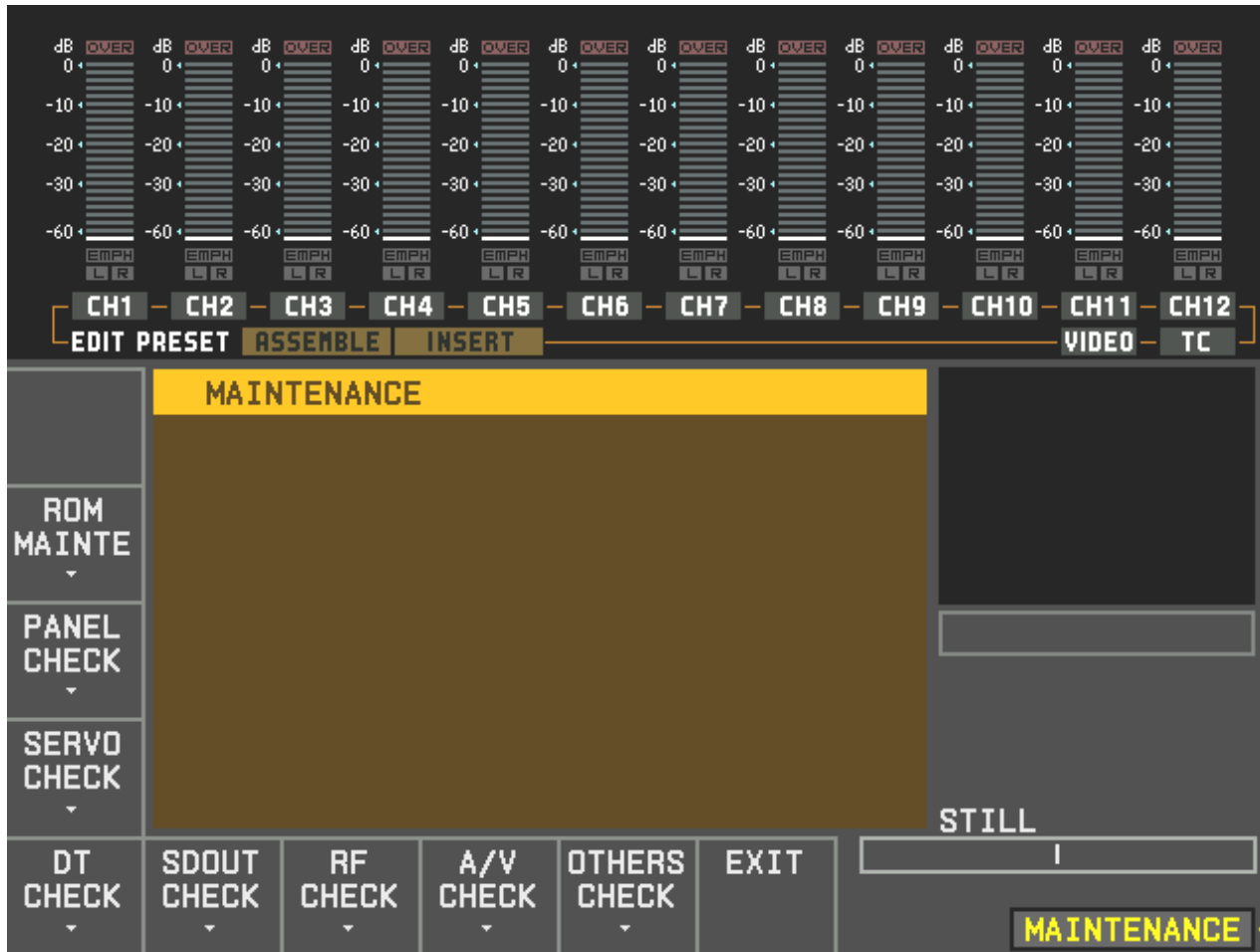
SFT + DIAG / ERROR LOG / ALT REAL TIME



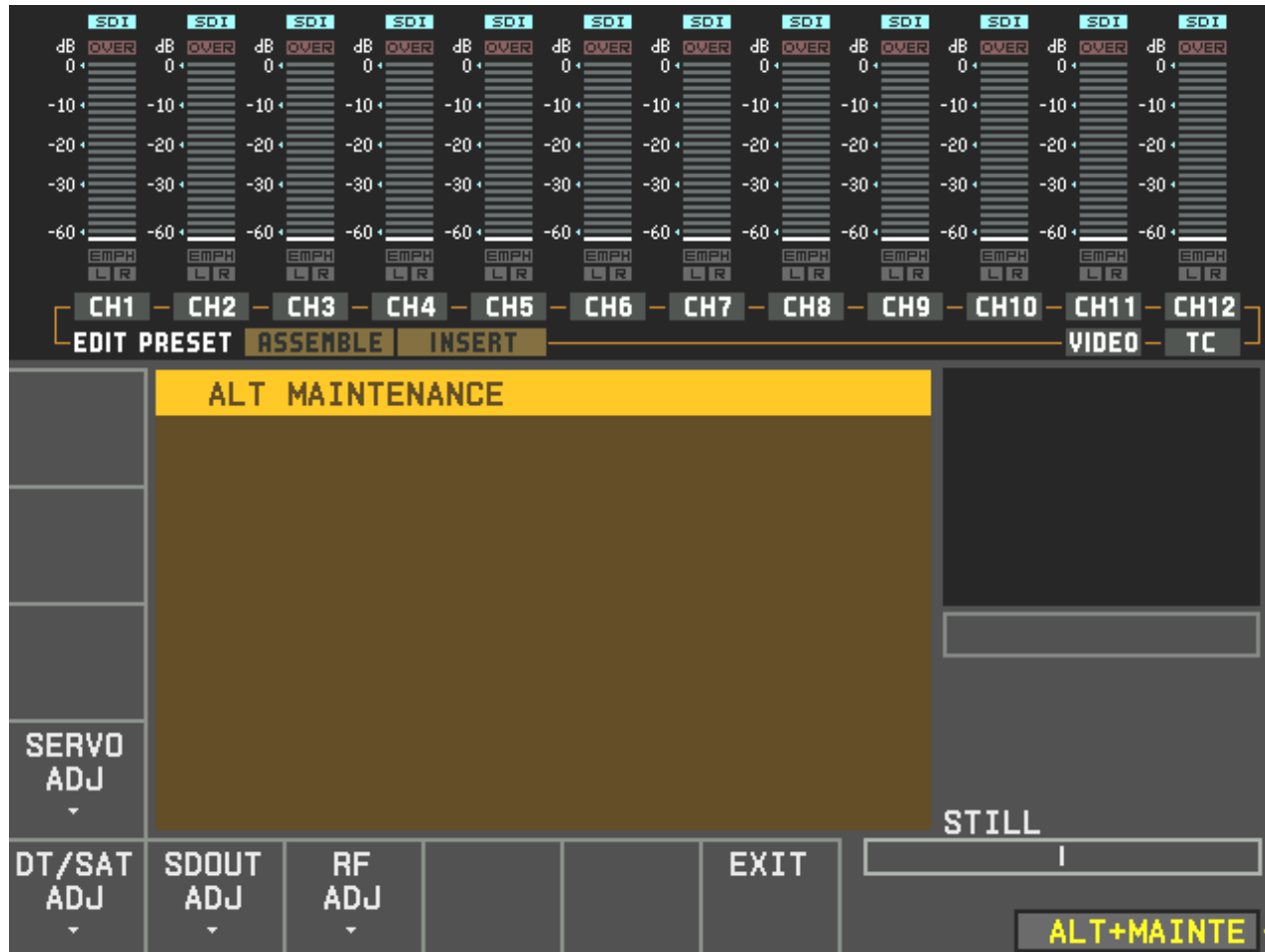
SFT + DIAG / OPTION INFO



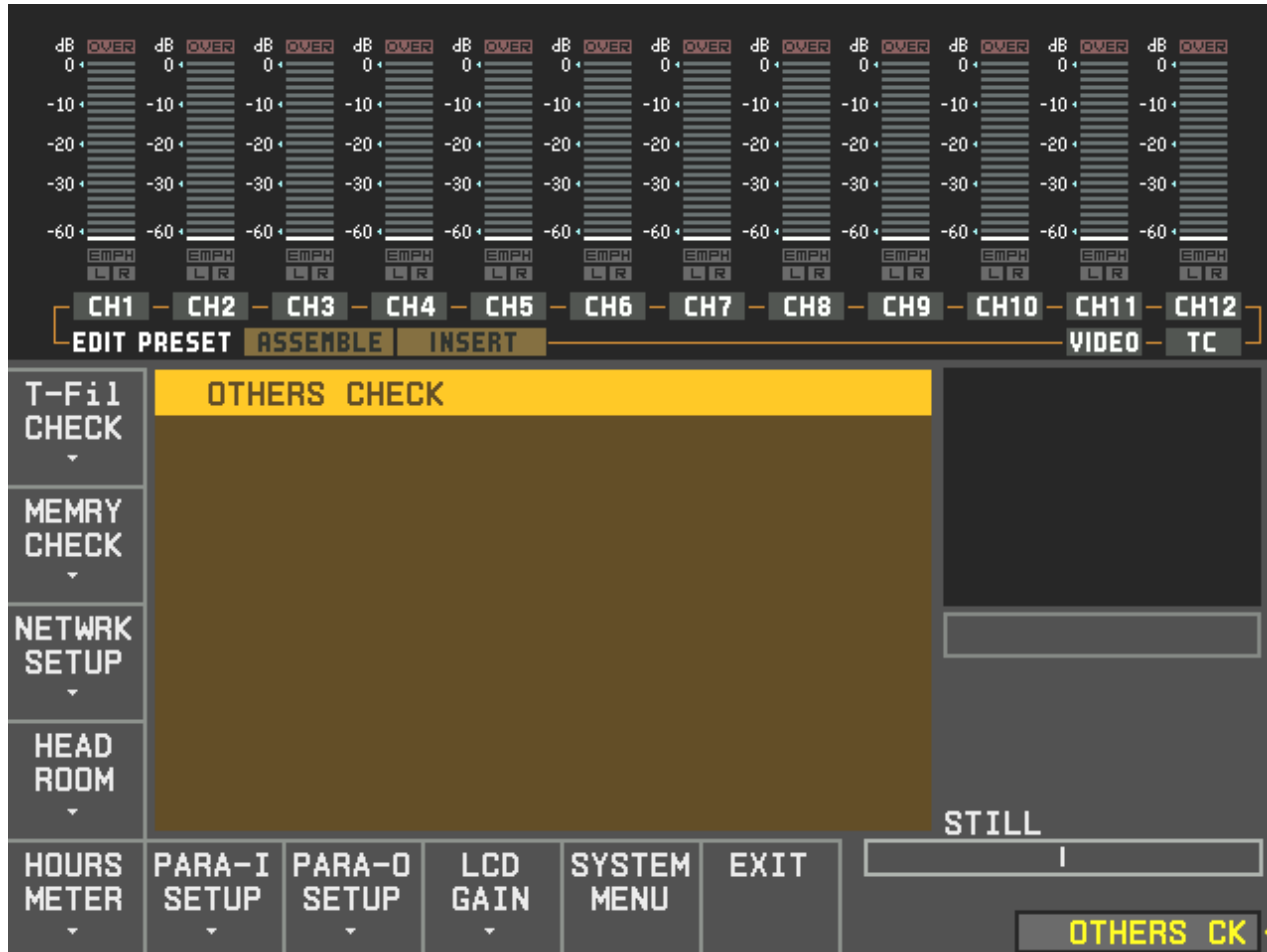
SFT + DIAG / SFT + MAINTENANCE EXEC



SFT + DIAG / SFT + MAINTENANCE EXEC / ALT



SFT + DIAG / MAINTE EXEC / OTHERS CHECK



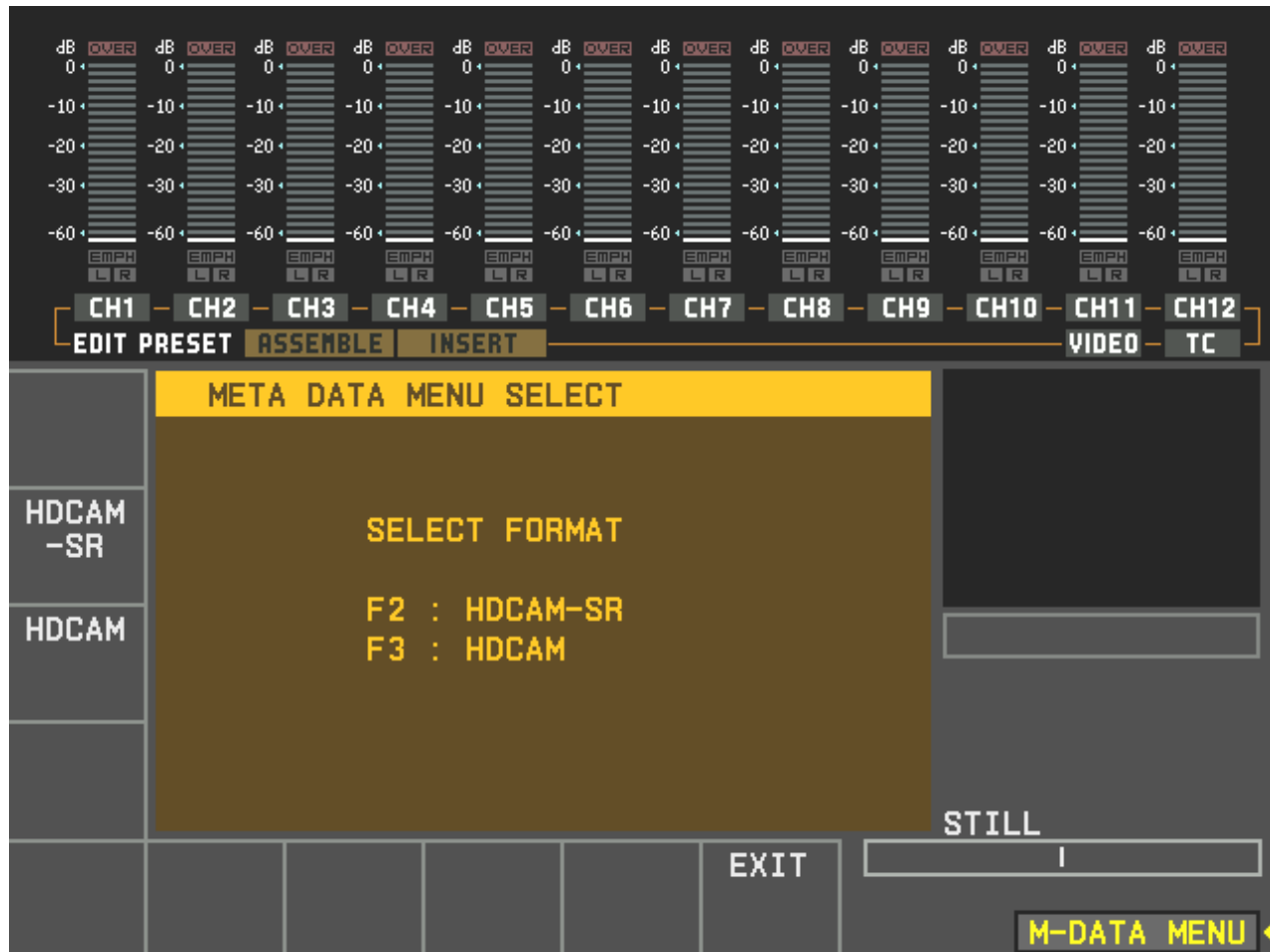
SFT + DIAG / MAINTENANCE EXEC / OTHERS CHECK / SYSTEM MENU

The image shows a control panel with 12 channel level meters (CH1-CH12) at the top. Each meter has a scale from 0 dB to -60 dB and an 'OVER' indicator. Below the meters are buttons for 'EDIT PRESET', 'ASSEMBLE', 'INSERT', 'VIDEO', and 'TC'. The main display area shows the 'SYSTEM MENU' with the following options:

- 1080/23.98PsF 422 YPbPr HDCAM-SR
- [F1]SYSTEM LINE 1080
- [F2]SYSTEM SCAN MODE PsF
- [F3]SYSTEM FRAME 23.98Hz
- [F4]SYSTEM SIGNAL MODE 422 YPbPr
- [F5]SYSTEM REC FORMAT HDCAM-SR
- [F6]FRAME CONVERT 422 1080/59.94i
- [F7]ACTIVE LINE OFF
- [F8]CANCEL [F9]Exec of Reset VTR Sys (STOP & STNDBY OFF/EJECT)

At the bottom, there are buttons for 'REC FORMAT', 'FRAME CNVERT', 'ACTIVE LINE', 'CANCEL', 'EXEC', 'EXIT', and 'STILL'. A 'SYSTEM' button is highlighted in yellow at the bottom right.

SFT + DIAG / MAINTENANCE EXEC / OTHERS CHECK / ALT / METADATA



OTHERS CHECK / ALT / METADATA HDCAM SR

The screenshot displays a video camera's menu system. At the top, there are 12 channel level meters (CH1-CH12) with scales from 0 dB to -60 dB. Below the meters are buttons for 'EDIT PRESET', 'ASSEMBLE', 'INSERT', 'VIDEO', and 'TC'. The main menu area is titled 'HDCAM-SR META DATA LINE SELECT' and lists metadata for 1080p and 720p resolutions. The 1080p section shows 'Meta Data 1(1080) : Line 09', 'Meta Data 2(1080) : Line 19', and 'Meta Data 3(1080) : Line 20'. The 720p section shows 'Meta Data 1(720) : Line 09', 'Meta Data 2(720) : Line 19', and 'Meta Data 3(720) : Line 20'. On the left, there is an 'NVRAM CTL' dropdown menu. At the bottom, there are buttons for 'PLUS', 'MINUS', 'EXIT', and a 'STILL' indicator. A yellow box at the bottom right highlights 'M-DATA LINE' with a left-pointing arrow.

dB OVER 0 -10 -20 -30 -60 EMPH L R

CH1 CH2 CH3 CH4 CH5 CH6 CH7 CH8 CH9 CH10 CH11 CH12

EDIT PRESET ASSEMBLE INSERT VIDEO TC

NVRAM CTL

HDCAM-SR META DATA LINE SELECT

Meta Data 1(1080) : Line 09

Meta Data 2(1080) : Line 19

Meta Data 3(1080) : Line 20

Meta Data 1(720) : Line 09

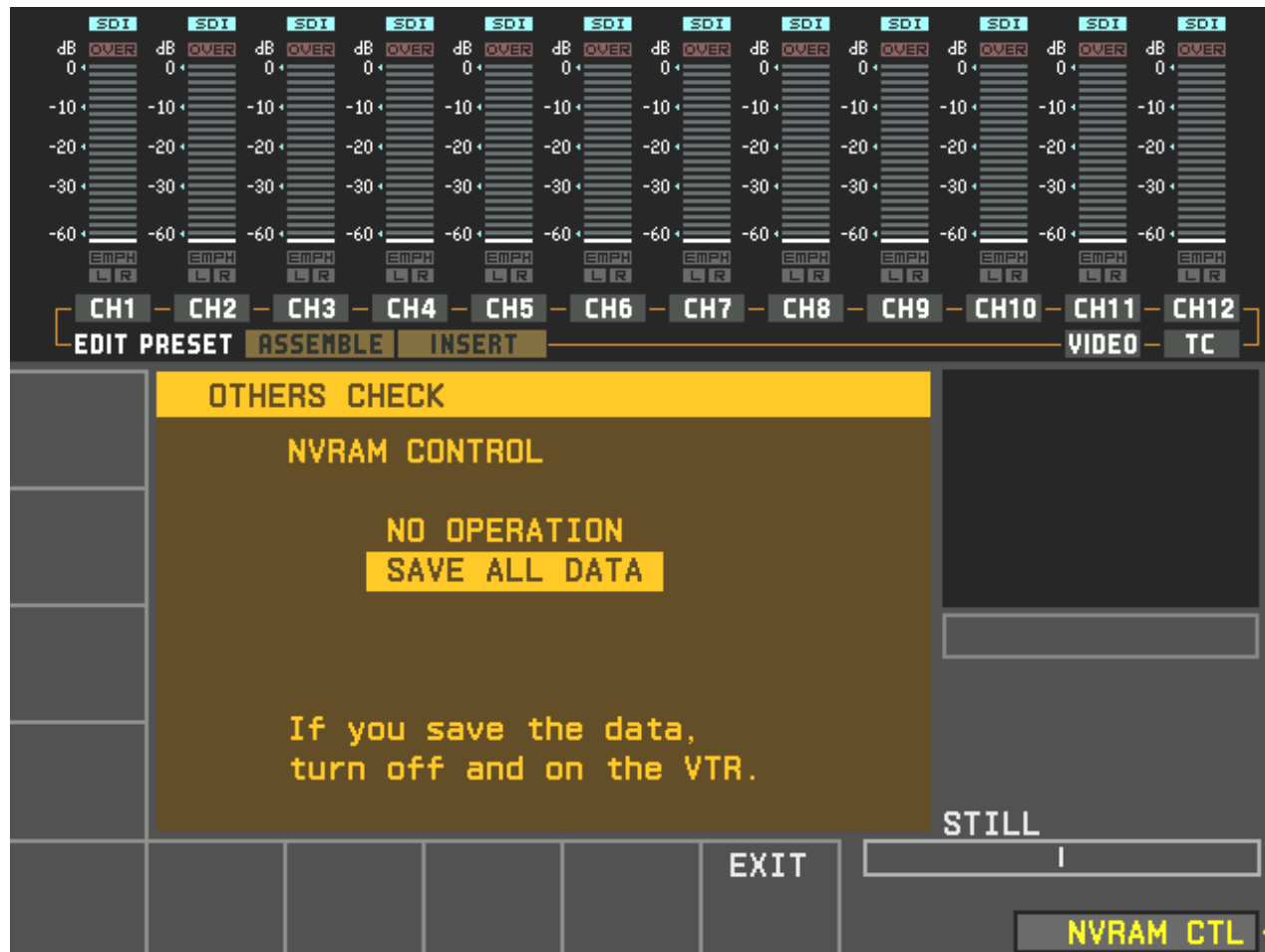
Meta Data 2(720) : Line 19

Meta Data 3(720) : Line 20

PLUS MINUS EXIT STILL

M-DATA LINE

OTHERS CHECK / ALT / METADATA HDCAM SR



OTHERS CHECK / ALT / METADATA HDCAM (SRW-5500)

The screenshot displays the camera's menu interface. At the top, there are 12 audio channel meters (CH1-CH12) with dB scales from 0 to -60 and 'OVER' indicators. Below the meters are navigation buttons: CH1-CH12, EDIT, PRESET, ASSEMBLE, INSERT, VIDEO, and TC. The main menu area is titled 'HDCAM VANC PACKET SELECT' and contains a table of metadata settings. The 'NVRAM CTL' menu is open on the left, and the 'M-DATA VANC' menu is highlighted at the bottom right.

	LINE1 (D)	LINE2 (D)	DID (H)	SDID (H)
ANC1	009	000	51	01
ANC2	000	000	00	00
ANC3	000	000	00	00

PLUS MINUS EXIT STILL | M-DATA VANC

SFT + DIAG / MAINTENANCE EXEC / OTHERS CHECK / ALT / PHASE SET

The screenshot displays a control interface with 12 audio channels (CH1-CH12) at the top, each with a dB scale from 0 to -60 and an 'OVER' indicator. Below the channels are buttons for 'EDIT PRESET', 'ASSEMBLE', 'INSERT', 'VIDEO', and 'TC'. The main menu area shows 'OTHERS CHECK' selected, leading to 'PHASE SETTING'. The settings are as follows:

NVRAM CTL	OTHERS CHECK				
HDSDI OUT	PHASE SETTING				
SDSDI OUT	HD SDI OUTPUT ADV.	:	OFF		
	SD SDI OUTPUT ADV.	:	OFF		
AU PB OUT	AUDIO PB OUTPUT ADV.	:	OFF		
	AUDIO INPUT DELAY	:	OFF		
	TC INPUT DELAY	:	OFF		
	AES/EBU & ANALOG OUTPUT	:	LINE		
	LTC OUTPUT	:	LINE		
AUDIO INPUT	TC INPUT	AES/AN OUT	LTC OUT	EXIT	STILL
					PHASE SET

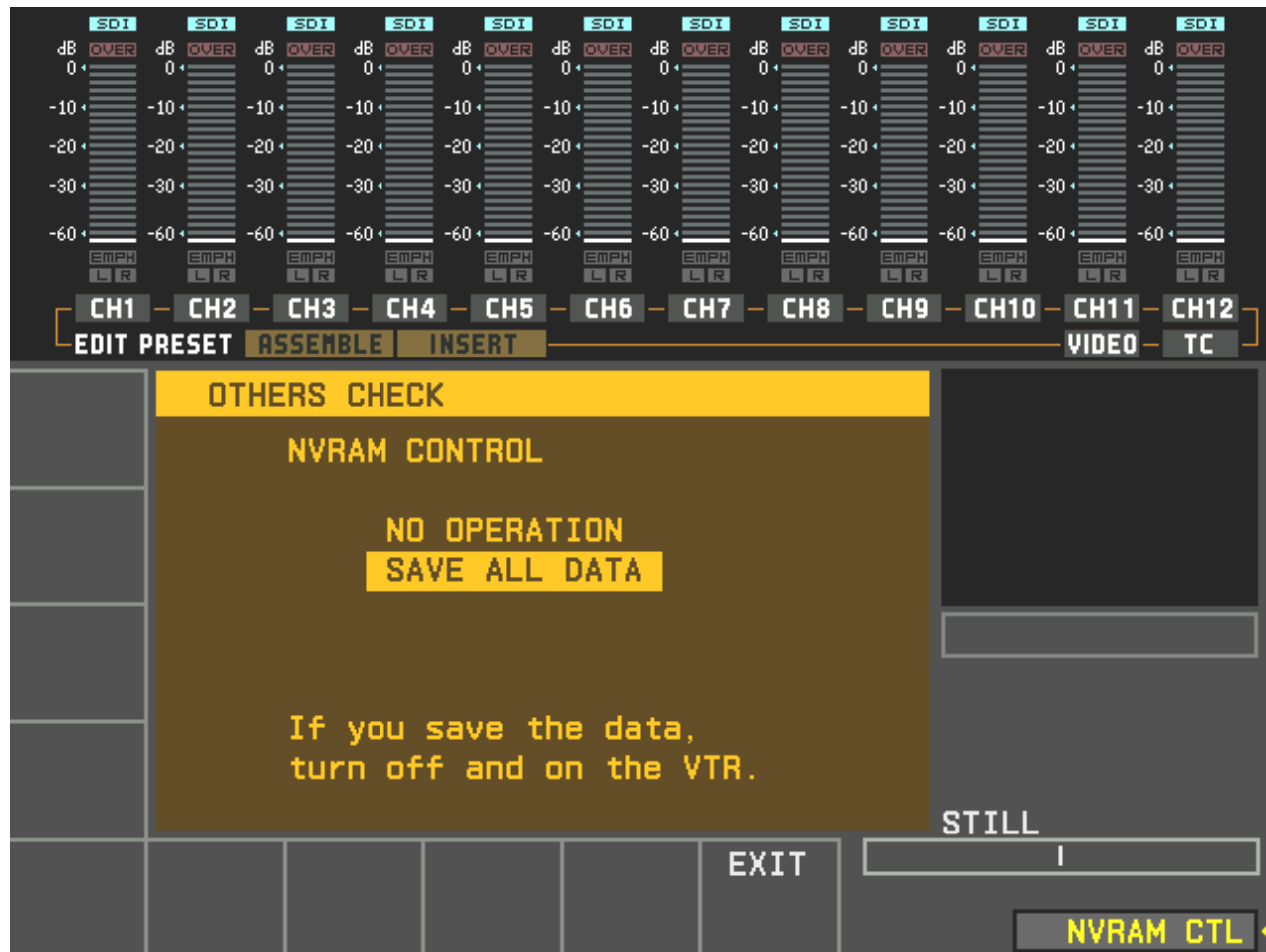
SFT + DIAG / MAINTENANCE EXEC / OTHERS CHECK / ALT / PHASE SET

The screenshot displays a control interface with 12 channel meters at the top, each labeled 'SDI' or 'A/E' with 'OVER' indicators. Below the meters are channel selection buttons (CH1-CH12), 'EDIT PRESET', 'ASSEMBLE', 'INSERT', 'VIDEO', and 'TC'. The main menu area shows 'OTHERS CHECK' selected, leading to 'PHASE SETTING' options:

- HD SDI OUTPUT ADV. : OFF
- SD SDI OUTPUT ADV. : OFF
- AUDIO PB OUTPUT ADV. : OFF
- AUDIO INPUT DELAY : OFF
- TC INPUT DELAY : OFF
- AES/EBU & ANALOG OUTPUT : FC
- LTC OUTPUT : FC

At the bottom, there are buttons for 'AUDIO INPUT', 'TC INPUT', 'AES/AN OUT', 'LTC OUT', 'EXIT', and a 'PHASE SET' button with a left-pointing arrow. A 'STILL' indicator is also visible.

SFT + DIAG / MAINTENANCE EXEC / OTHERS CHECK / ALT / PHASE SET



HD SDI OUTPUT ADV

OFF

90H

Use for external downconverter to compensate for delay.

SD SDI OUTPUT ADV

OFF

2H

Use for external D1 → D2 conversion.

AUDIO PB OUTPUT ADV

OFF

1 FRAME

Use for DOLBY E playback to compensate for decoder delay.

AUDIO INPUT DELAY

OFF

1 FRAME

Use to compensate for 1 frame CCD delay when recording from HD camera.

TC INPUT DELAY

OFF

1 FRAME

Use to compensate for 1 frame CCD delay when recording from HD camera.

AES/EBU & ANALOG AUDIO OUTPUT

LINE

SD

FC

When in 23.98PsF mode the AES/EBU & Analog audio output phase can be changed to match the Format Converter & Downconverter video phase.

LINE = In phase with MAIN output (23.98PsF)

SD = In phase with the Downconverter output.

FC = In phase with the Format Converter output.

Note: SD setting is available in case SD SDI OUTPUT ADV is set to 2H.

Normal operation only requires LINE or FC.

LTC OUTPUT

LINE

FC

LINE = LTC output same as frame rate of tape (24F)

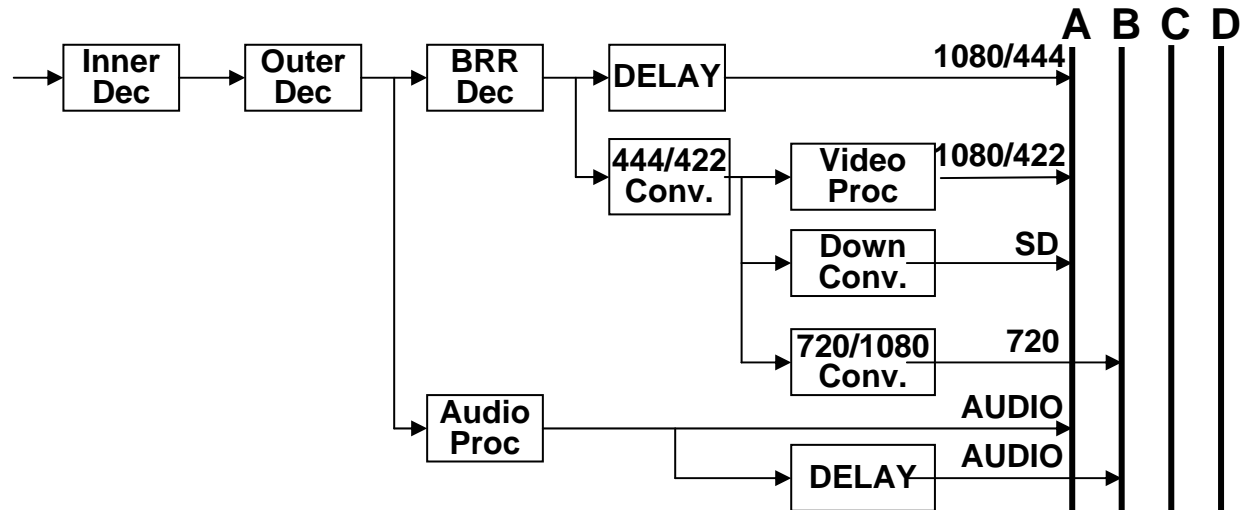
FC = LTC output is converted from 24F to 30F (NDF or DF)

Setting follows the PDPSET menu.

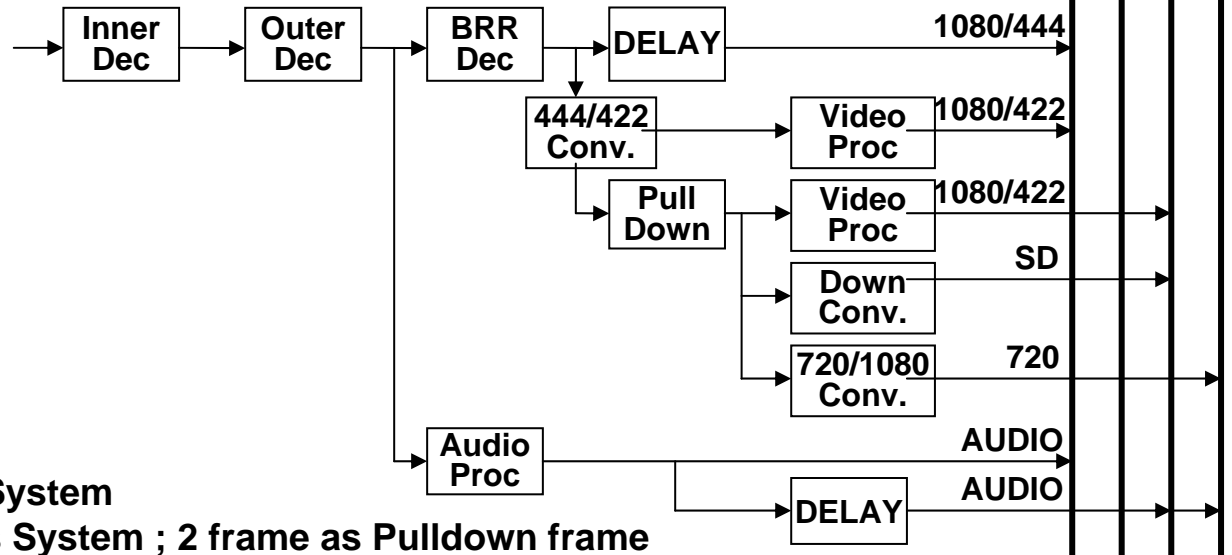
LTC output has same phase as the Format Converter output.

SYSTEM DELAY INFORMATION

25/29.97/30 PsF/i



23.976/24 PsF



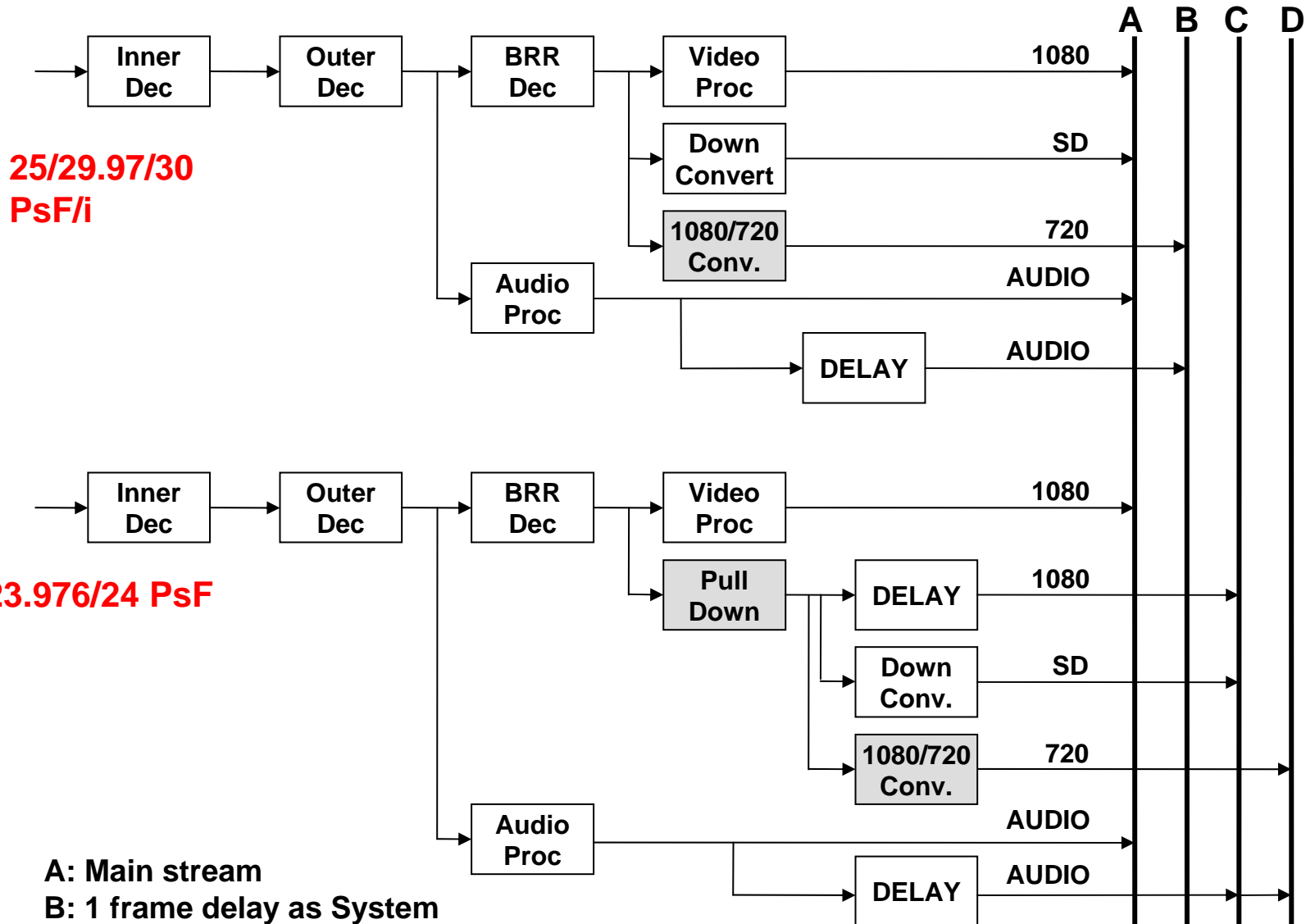
A: Main stream

B: 1 frame delay as System

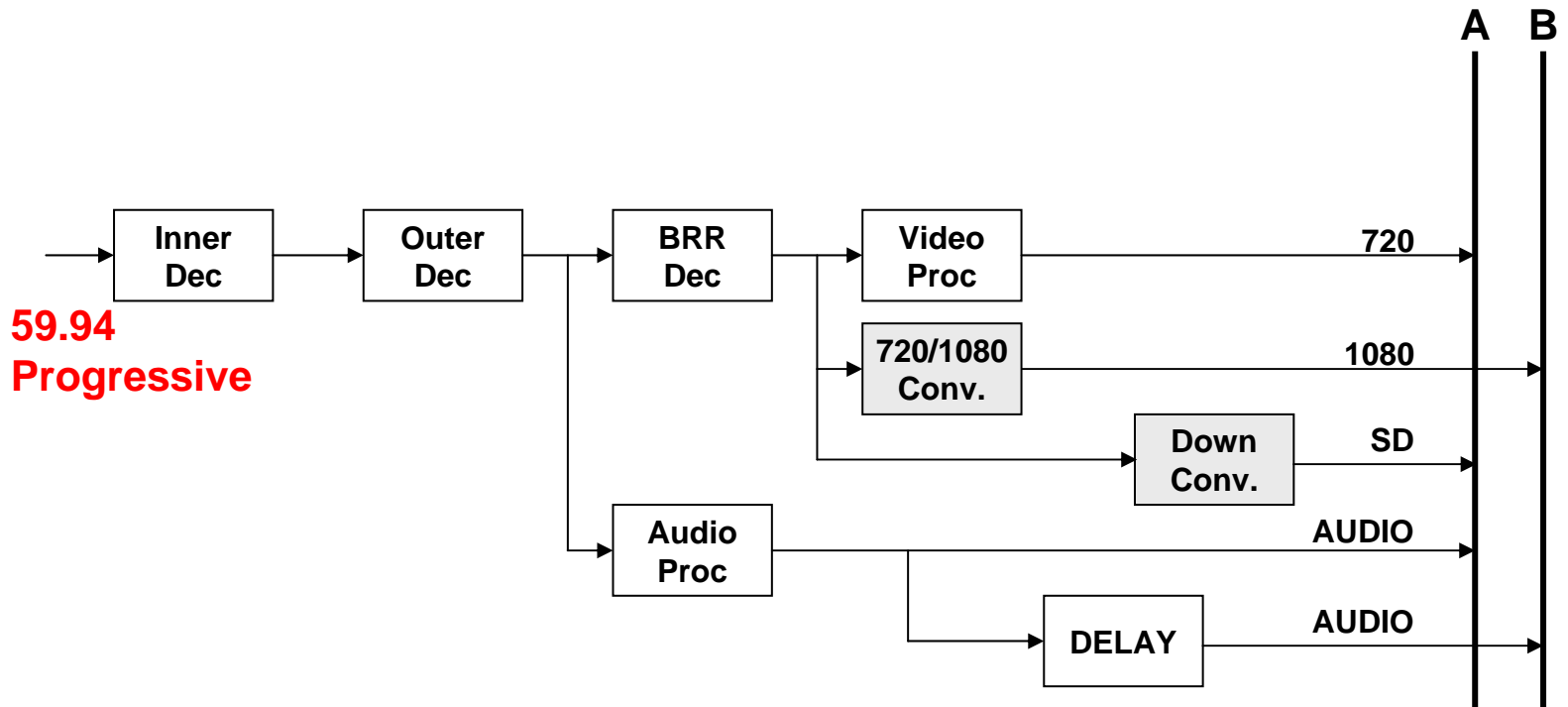
C: 1.6 frame delay as System ; 2 frame as Pulldown frame

D: 2.4 frame delay as System ; 3 frame as Pulldown frame

HDCAM-SR 1080/444 System Delay



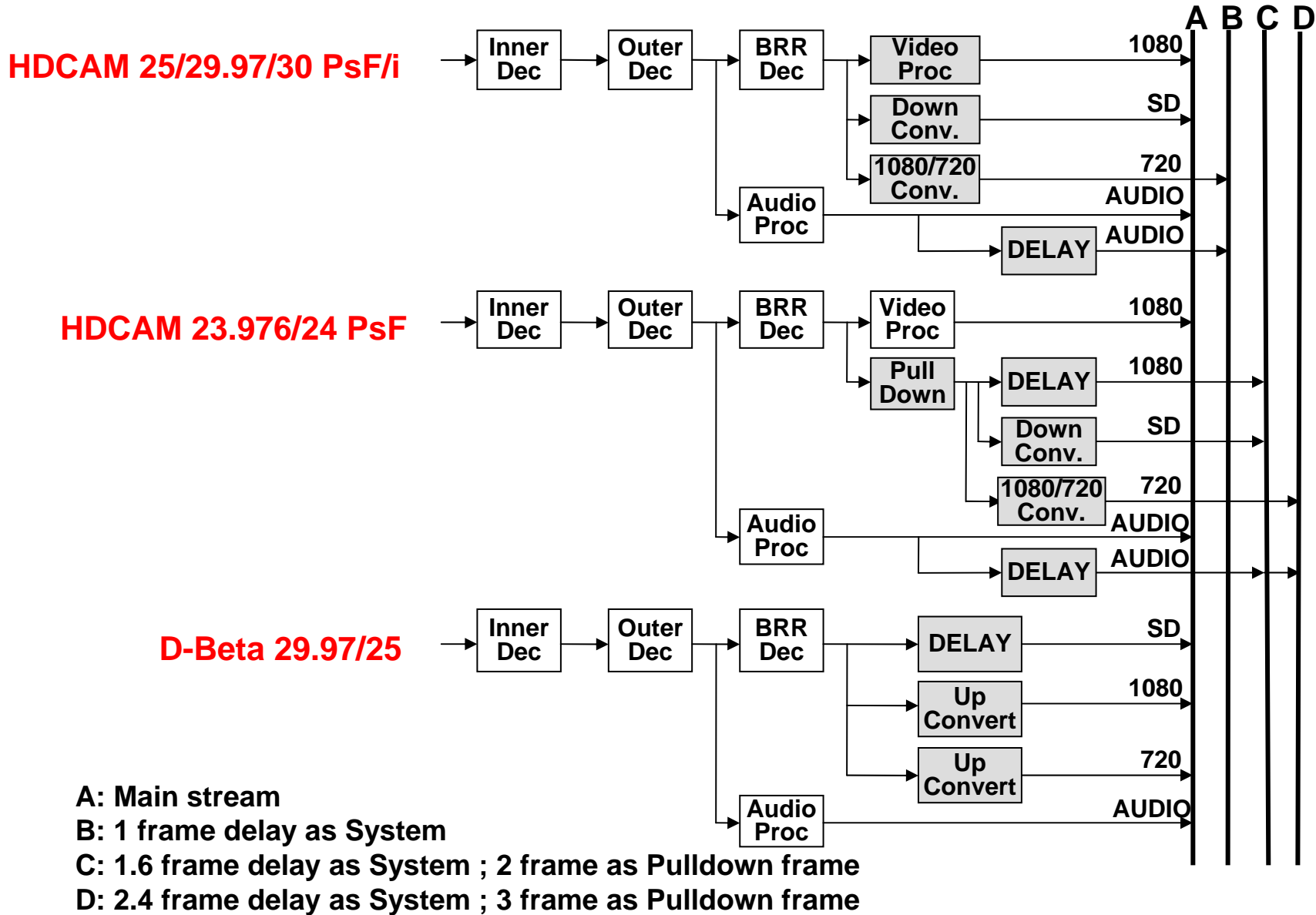
HDCAM-SR 1080/4:2:2 System Delay



A: Main stream

B: 1 Frame delay as System

HDCAM-SR 720/4:2:2 System Delay



HDCAM/Digital Betacam System Delay

Specifications – Format Conversion

with;
HKSR-5001
HKSR-5002
HKSR-5003

Ver. 2.70
Ver. 3.00

Playback Tape Format			HD-SDI OUT	SD-SDI OUT	Format Converter OUT		
HDCAM-SR or HDCAM	1080/4:2:2	23.98PsF	1080/4:2:2/23.98PsF	525/59.94i	1080/4:2:2/59.94i		
		24PsF	1080/4:2:2/24PsF	-----	720/4:2:2/59.94P		
		25PsF	1080/4:2:2/25PsF	625/50i	720/4:2:2/50P		
		29.97PsF	1080/4:2:2/29.97PsF	525/59.94i	720/4:2:2/59.94P		
		30PsF	1080/4:2:2/30PsF	-----	-----		
		50i	1080/4:2:2/50i	625/50i	720/4:2:2/50P		
		59.94i	1080/4:2:2/59.94i	525/59.94i	720/4:2:2/59.94P		
		60i	1080/4:2:2/60i	-----	-----		
HDCAM-SR	720/4:2:2	59.94P	720/4:2:2/59.94P	525/59.94i	1080/4:2:2/59.94i		
		50P	720/4:2:2/50P	625/50i	1080/4:2:2/50i		
	1080/4:4:4	23.98PsF	1080/4:4:4/23.98PsF	-----	1080/4:2:2/23.98PsF		
		24PsF	1080/4:4:4/24PsF	-----	1080/4:2:2/24PsF		
		25PsF	1080/4:4:4/25PsF	625/50i	1080/4:2:2/25PsF		
		29.97PsF	1080/4:4:4/29.97PsF	525/59.94i	1080/4:2:2/29.97PsF		
		30PsF	1080/4:4:4/30PsF	-----	1080/4:2:2/30PsF		
		50i	1080/4:4:4/50i	625/50i	1080/4:2:2/50i		
		59.94i	1080/4:4:4/59.94i	525/59.94i	1080/4:2:2/59.94i		
		60i	1080/4:4:4/60i	-----	1080/4:2:2/60i		
		Digital BETACAM	525/4:2:2	59.94i	1080/4:2:2/59.94i	525/59.94i	720/4:2:2/59.94P
					720/4:2:2/59.94P	525/59.94i	1080/4:2:2/59.94i
625/4:2:2	50i		1080/4:2:2/50i	625/50i	720/4:2:2/50P		
			720/4:2:2/50P	625/50i	1080/4:2:2/50i		

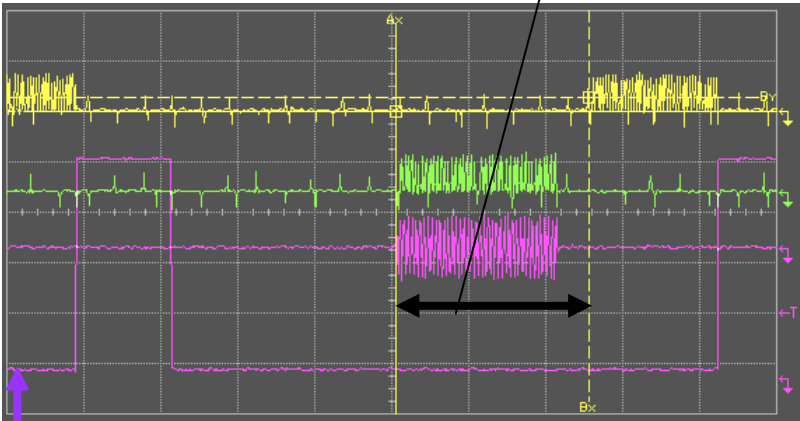
Pull Down LOCK MODE

MODE 1

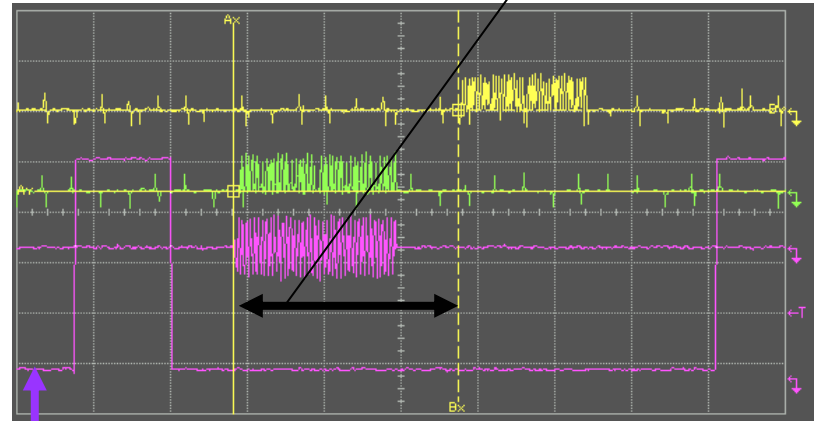
MODE 2

PD LOCK MODE 1

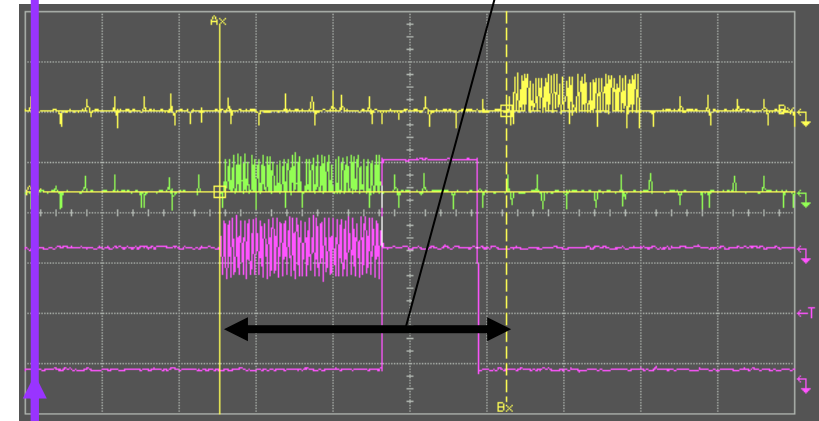
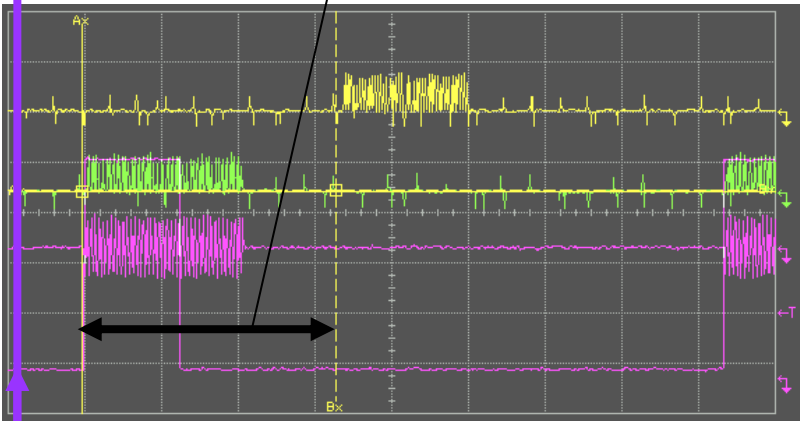
1.5 Frame delay



1.75 Frame delay



2.25 Frame delay



6Hz pulse

PD LOCK MODE 1



29.97 pulldown video
This is the 'A' frame
TC frame count = 00, 05, 10, 15, 20, 25

1.5 FRAMES

6 Hz pulse

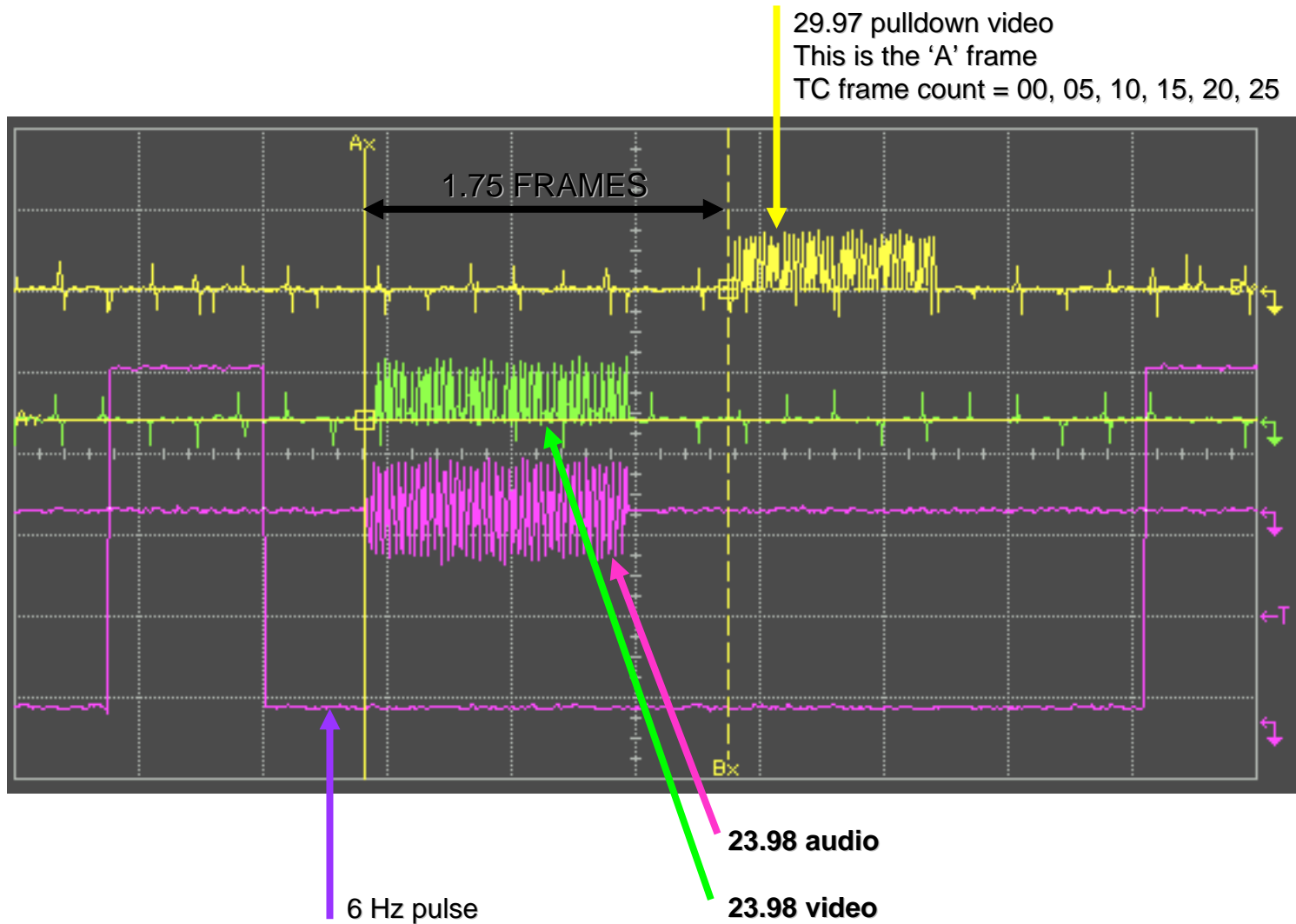
23.98 audio

23.98 video
This is the 'A' frame

TC frame count = 00, 04, 08, 12, 16, 20

This example uses 30F NDF timecode

PD LOCK MODE 1



29.97 pulldown video
This is the 'A' frame
TC frame count = 00, 05, 10, 15, 20, 25

1.75 FRAMES

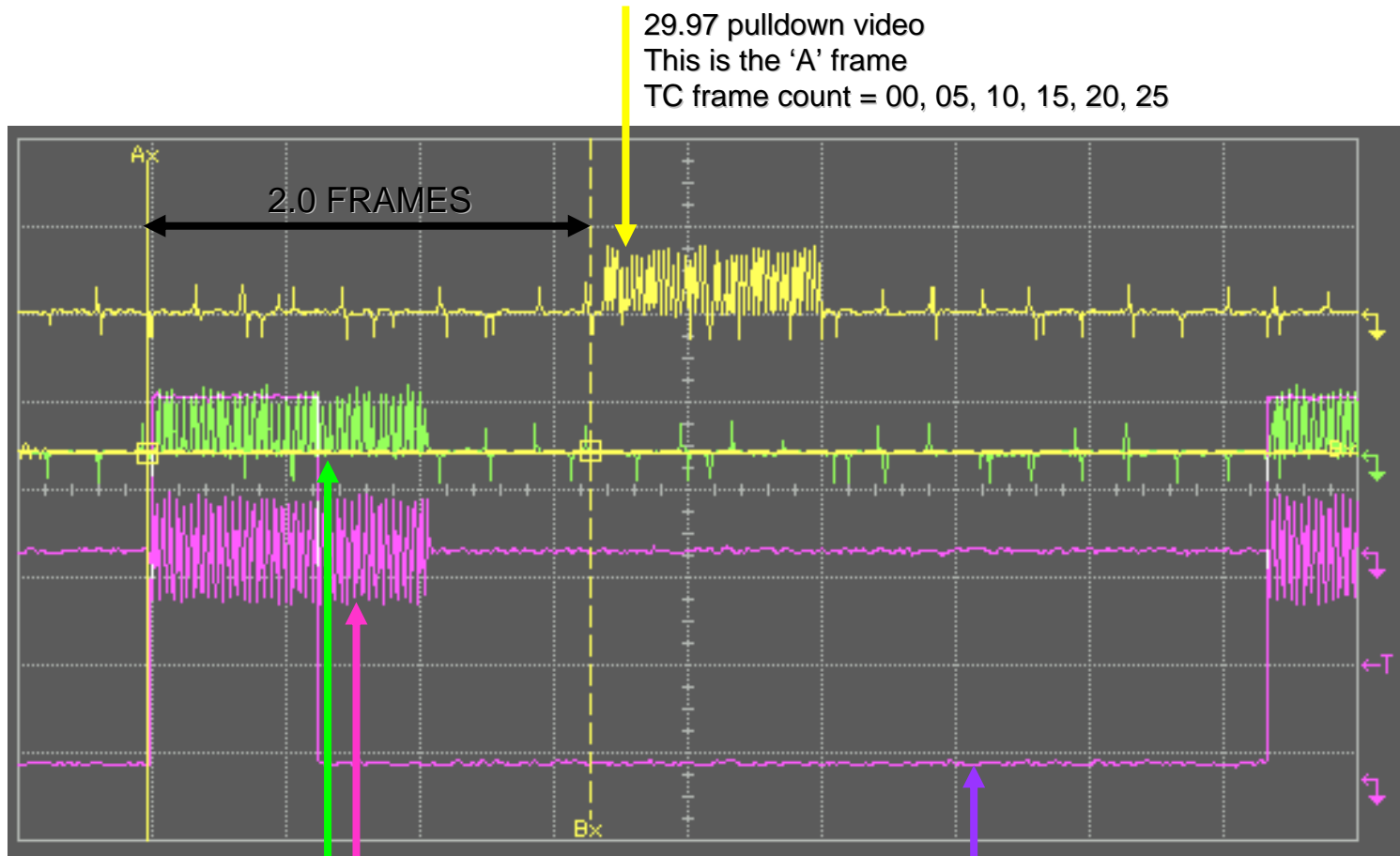
6 Hz pulse

23.98 audio

23.98 video
This is the 'A' frame
TC frame count = 00, 04, 08, 12, 16, 20

This example uses 30F NDF timecode

PD LOCK MODE 1



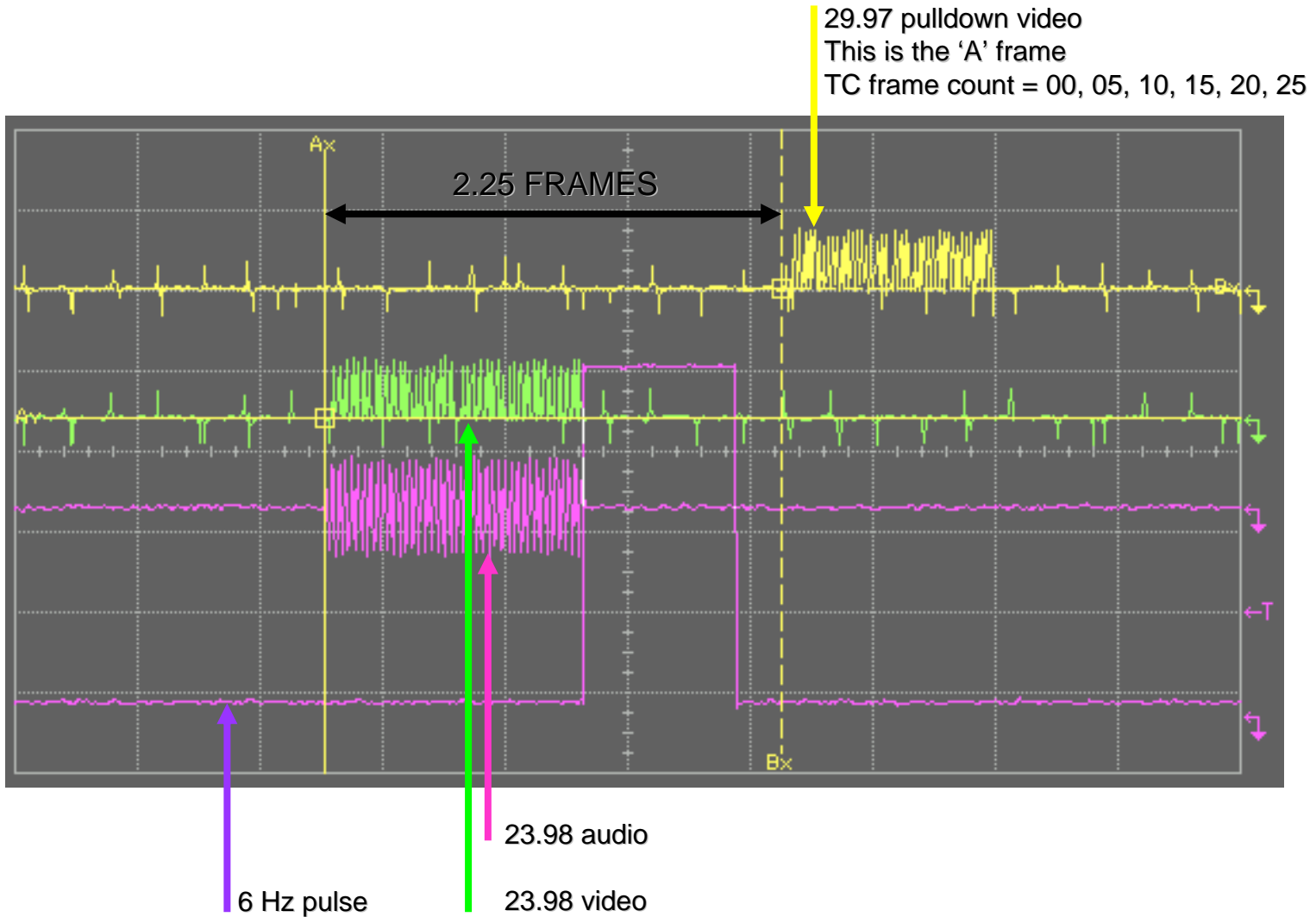
23.98 audio

23.98 video
This is the 'A' frame

TC frame count = 00, 04, 08, 12, 16, 20

6 Hz pulse

PD LOCK MODE 1



29.97 pulldown video
This is the 'A' frame
TC frame count = 00, 05, 10, 15, 20, 25

6 Hz pulse

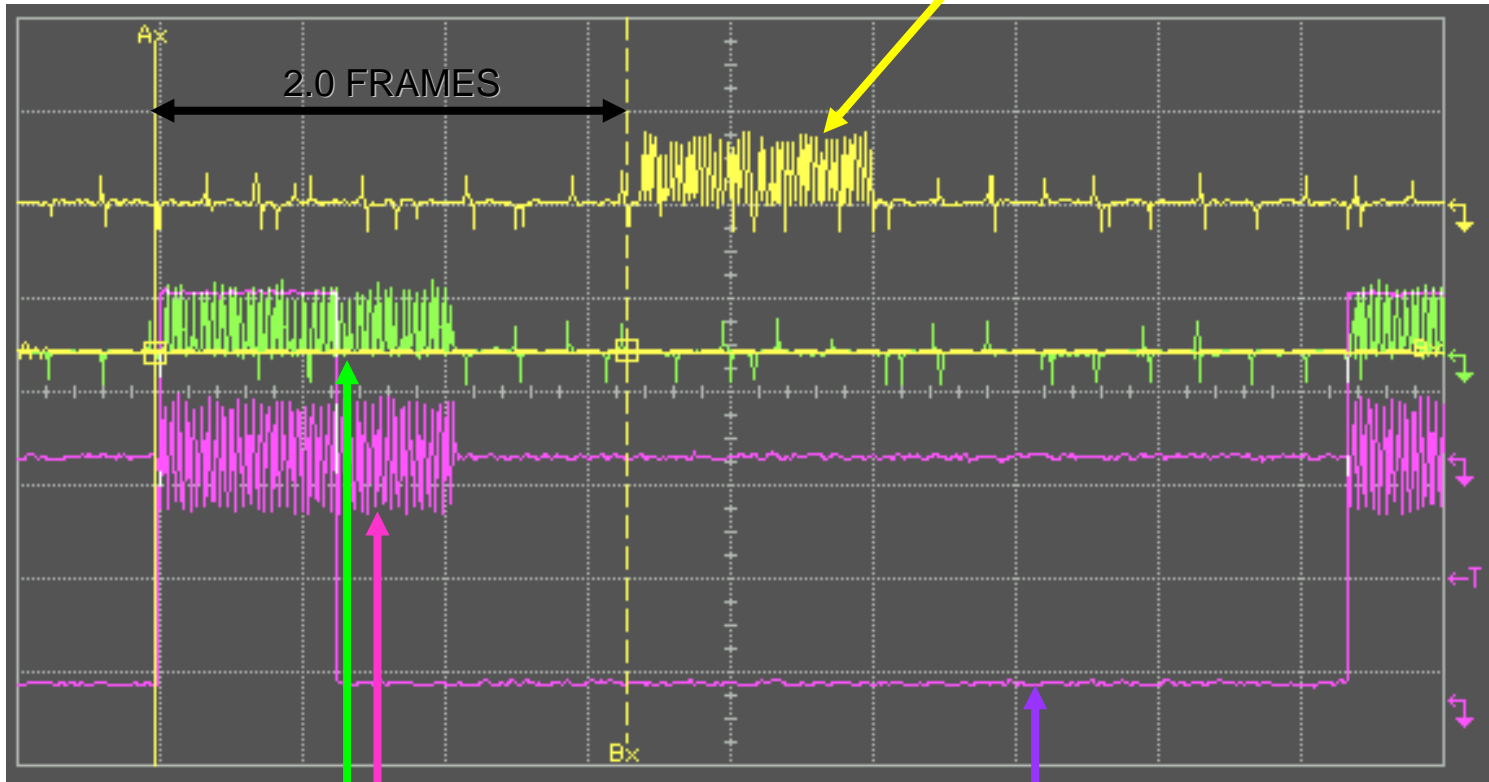
23.98 audio
23.98 video
This is the 'A' frame
TC frame count = 00, 04, 08, 12, 16, 20

This example uses 30F NDF timecode

PD LOCK MODE 2

Maintains a 2 frame offset between Main and PD outputs.
When entering Play the capstan locks to the CTL signal.
Secondly it checks the phase of the 24F TC "A" frame and
the 6Hz pulse.
If they do not match then it re-locks the capstan.

29.97 pulldown video
This is the 'A' frame
TC frame count = 00, 05, 10, 15, 20, 25



23.98 audio

23.98 video
This is the 'A' frame

TC frame count = 00, 04, 08, 12, 16, 20

6 Hz pulse

This example uses 30F NDF timecode

SYSTEM RESETS

1, 5, 9

Power Off the SRW.

Press and Hold the 1, 5, 9 buttons on the number pad.

Power On the SRW.

Keep the 1, 5, 9 buttons depressed until there is a beep.

Release the buttons.

Re-power the SRW.

This will reset the setup menus back to factory.

0, CLR, SET

Power Off the SRW.

Press and Hold the 0, CLR, SET buttons on the number pad.

Power On the SRW.

Keep the 0, CLR, SET buttons depressed until there is a beep.

Release the buttons.

Re-power the SRW.

This will reset all the setup menus, all novram data and system settings.

Only perform this reset if 1, 5, 9 does not correctly recover the SRW. Or following a software upgrade.

NEW FEATURES FOR
VERSION 3

SYSTEM BANK

The screenshot shows a video editing software interface. At the top, there are 12 channels (CH1-CH12) with SDI meters and level indicators. Below this is a menu for 'CURRENT SYSTEM' and 'SYSTEM BANK 1'. The menu lists items like '444@23 EDIT', '422@23 EDIT', '444@23 DOWNC...', '422@23 DOWNC...', '444@23 AUD L...', '422@23 AUD L...', '422@59', and '720P@59 &F (Preset)'. At the bottom, there are buttons for 'EDIT TITLE', 'DIRECTION', 'COPY', 'EXIT', and 'SYSBANK'.

Channel	SDI	dB	OVER	EMPH	LR
CH1	0	0			
CH2	0	0			
CH3	0	0			
CH4	0	0			
CH5	0	0			
CH6	0	0			
CH7	0	0			
CH8	0	0			
CH9	0	0			
CH10	0	0			
CH11	0	0			
CH12	0	0			

EDIT PRESET ASSEMBLE INSERT VIDEO TC

CURRENT SYSTEM ← SYSTEM BANK 1

444@23 EDIT C ▶ 1 444@23 EDIT

2 422@23 EDIT

3 444@23 DOWNC.....

4 422@23 DOWNC.....

5 444@23 AUD L.....

6 422@23 AUD L.....

7 422@59

8 720P@59

&F (Preset)

DATA DETAIL

STILL

EDIT TITLE DIRECTION COPY EXIT

←

SYSBANK ◀

SYSTEM BANK

dB OVER dB OVER dB OVER dB OVER dB OVER dB OVER dB OVER dB OVER dB OVER dB OVER dB OVER dB OVER

0 0

-10 -10

-20 -20

-30 -30

-60 -60

EMPH L R EMPH L R EMPH L R EMPH L R EMPH L R EMPH L R EMPH L R EMPH L R EMPH L R EMPH L R EMPH L R EMPH L R EMPH L R

CH1 CH2 CH3 CH4 CH5 CH6 CH7 CH8 CH9 CH10 CH11 CH12

EDIT PRESET ASSEMBLE INSERT VIDEO TC

<SYSTEM BANK 1> 444@23 EDIT

SYSTEM : 1080 23.98PsF 422 YPbPr

REC FORMAT : AUTO

FC FORMAT : 422 1080 59.94i

ACTIVE LINE : OFF

HDCAM-SR META(1080) : 09/19/20

HDCAM-SR META(720) : 09/19/20

HDCAM META ANC1 : 000/000/00/00

HDCAM META ANC2 : 000/000/00/00

HDCAM META ANC3 : 000/000/00/00

F4: NEXT PAGE

DATA DETAIL

STILL

EDIT TITLE DIREC-TION COPY EXIT

SYSBANK ◀

SYSTEM BANK

dB OVER dB OVER dB OVER dB OVER dB OVER dB OVER dB OVER dB OVER dB OVER dB OVER dB OVER dB OVER

0 0

-10 -10

-20 -20

-30 -30

-60 -60

EMPH L R EMPH L R EMPH L R EMPH L R EMPH L R EMPH L R EMPH L R EMPH L R EMPH L R EMPH L R EMPH L R

CH1 CH2 CH3 CH4 CH5 CH6 CH7 CH8 CH9 CH10 CH11 CH12

EDIT PRESET ASSEMBLE INSERT VIDEO TC

<SYSTEM BANK 1> 444@23 EDIT

HDCAM-SR DC META : 00/00/00

HD SDI OUTPUT ADV. : OFF

SD SDI OUTPUT ADV. : OFF

AU PB OUTPUT ADV. : OFF

AUDIO INPUT DELAY : OFF

TC INPUT DELAY : OFF

AES/EBU & ANA OUT : LINE

LTC OUTPUT : LINE

⌘F (Preset)

DATA DETAIL

STILL

EDIT TITLE DIREC-TION COPY EXIT

SYSBANK ◀

ERROR LOG / ALT / CANCEL EDIT MEMORY CARD

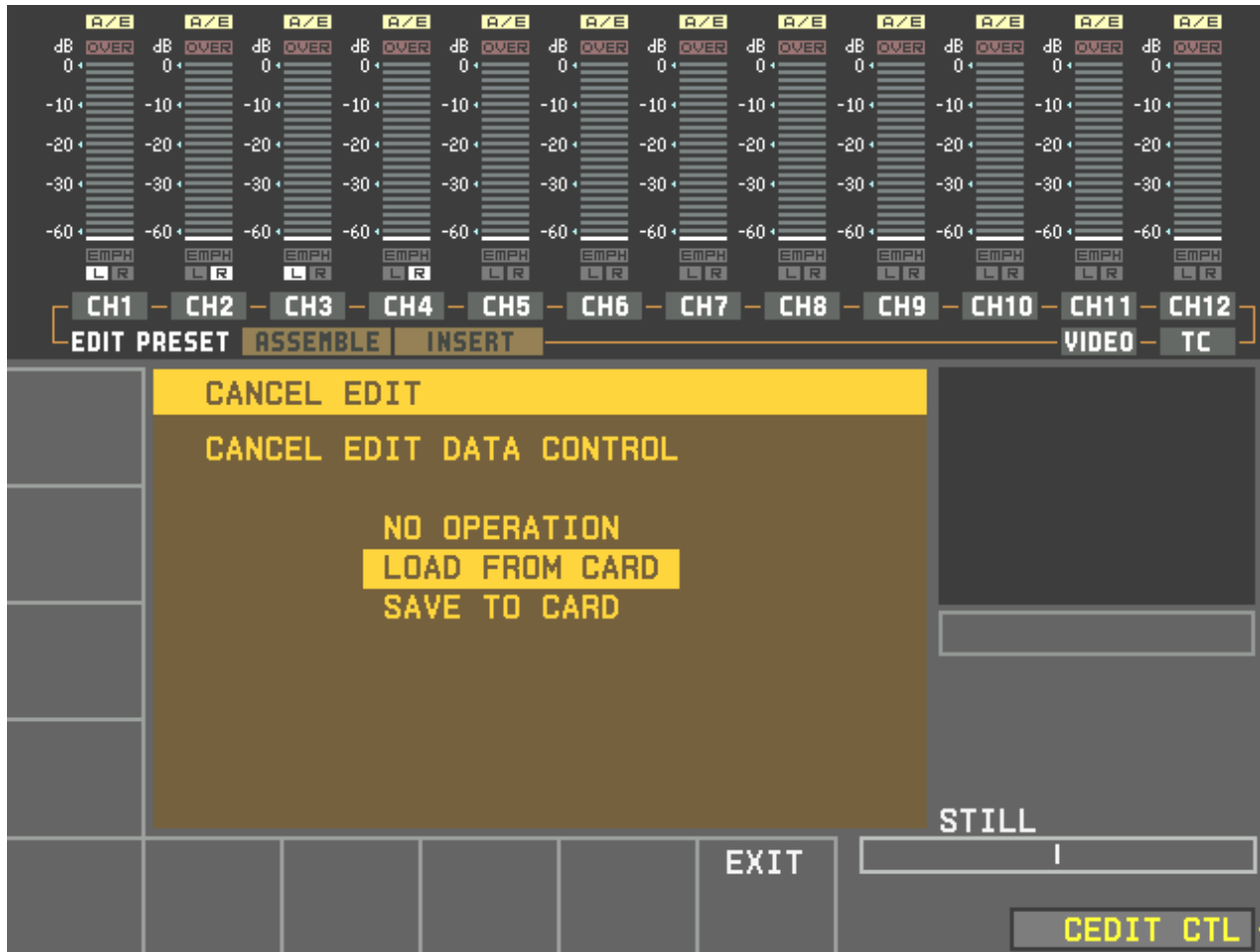
The interface displays 12 channel meters (CH1-CH12) at the top, each with a scale from 0 to -60 dB and an 'OVER' indicator. Below the meters is a menu bar with options: EDIT PRESET, ASSEMBLE, INSERT, VIDEO, and TC. The main display area shows the following error log:

```

CANCEL EDIT '05/07/08 11:18:08
TOTAL 41
16. INCONSISTENT FORMAT
17. PB FREQUENCY IS UNSUITABLE
*19. NO A1/A2 INPUT
*1A. NO A3/A4 INPUT
*1B. NO A5/A6 INPUT
*1C. NO A7/A8 INPUT
CANCEL TOTAL:07
    
```

At the bottom of the screen, there are several controls: a 'MARK' button on the left, a 'MEMORY CARD' button with a dropdown arrow, an 'EXIT' button, a 'STILL' indicator with a bar, and a 'CANCEL EDIT' button with a left-pointing arrow.

ERROR LOG / ALT / CANCEL EDIT MEMORY CARD



4:2:2 → 4:4:4 CONVERSION

Convert HDCAM and HDCAM SR 4:2:2
tapes for 4:4:4 workflow

Recording format	Recording/Playback System mode	Frame rate	HD-SDI output	Format converted HD-SDI output	Down converted D1-SDI output
HDCAM-SR	1080/422	23.98PsF	1080/422/23.98PsF	1080/444/23.98PsF 1080/422/59.94i 720/422/59.94P	-----* 525/59.94i 525/59.94i
		24PsF	1080/422/24PsF	1080/444/24PsF 1080/422/60i	----- -----
		25PsF	1080/422/25PsF	1080/444/25PsF 720/422/50P	625/50i 625/50i
		29.97PsF	1080/422/29.97PsF	1080/444/29.97PsF 720/422/59.94P	525/59.94i 525/59.94i
		30PsF	1080/422/30PsF	1080/444/30PsF	-----
		50i	1080/422/50i	1080/444/50i 720/422/50P	625/50i 625/50i
		59.94i	1080/422/59.94i	1080/444/59.94i 720/422/59.94P	525/59.94i 525/59.94i
		60i	1080/422/60i	1080/444/60i	-----
		59.94i	1035/422/59.94i	-----	525/59.94i
		60i	1035/422/60i	-----	-----
		50P	720/422/50P	1080/422/50i	625/50i
		59.94P	720/422/59.94P	1080/422/59.94i	525/59.94i
		23.98PsF	1080/444/23.98PsF	1080/422/23.98PsF 1080/422/59.94i 720/422/59.94P	-----* 525/59.94i 525/59.94i
		24PsF	1080/444/24PsF	1080/422/24PsF 1080/422/60i	----- -----
25PsF	1080/444/25PsF	1080/422/25PsF 720/422/50P	625/50i 625/50i		
29.97PsF	1080/444/29.97PsF	1080/422/29.97PsF 720/422/59.94P	525/59.94i 525/59.94i		
30PsF	1080/444/30PsF	1080/422/30PsF	-----		
50i	1080/444/50i	1080/422/50i 720/422/50P	625/50i 625/50i		
59.94i	1080/444/59.94i	1080/422/59.94i 720/422/59.94P	525/59.94i 525/59.94i		
60i	1080/444/60i	1080/422/60i	-----		

Recording format	Recording/Playback System mode	Frame rate	HD-SDI output	Format converted HD-SDI output	Down converted D1-SDI output	
HDCAM	1080/422	23.98PsF	1080/422/23.98PsF	1080/444/23.98PsF 1080/422/59.94i 720/422/59.94P	----* 525/59.94i 525/59.94i	
		24PsF	1080/422/24PsF	1080/444/24PsF 1080/422/60i	---- ----	
		25PsF	1080/422/25PsF	1080/444/25PsF 720/422/50P	625/50i 625/50i	
		29.97PsF	1080/422/29.97PsF	1080/444/29.97PsF 720/422/59.94P	525/59.94i 525/59.94i	
		30PsF	1080/422/30PsF	1080/444/30PsF	----	
		50i	1080/422/50i	1080/444/50i 720/422/50P	625/50i 625/50i	
		59.94i	1080/422/59.94i	1080/444/59.94i 720/422/59.94P	525/59.94i 525/59.94i	
		60i	1080/422/60i	1080/444/60i	----	
		1035/422	59.94i	1035/422/59.94i	----	525/59.94i
			60i	1035/422/60i	----	----

Recording format	Playback System mode	Frame rate	Up converted HD-SDI output	Format converted HD-SDI output	D1-SDI output
Digital BETACAM	1080/422	50i	1080/422/50i	720/422/50P	625/50i
		59.94i	1080/422/59.94i	720/422/59.94P	525/59.94i
	720/422	59.94P	720/422/59.94P	1080/422/50i 1080/422/59.94i	625/50i 525/59.94i

TOTAL = 55 SYSTEMS!

THANK YOU!