Panasonic

ECS02-003

Editing Controller Setting

Model : AJ-D850P/D850AP/D850E/D850BE/D850MC

♦ When the AJ-D850P/D850AP/D850E/D850BE/D850MC is connected with the Editing Controller, the settings of VTR side and Controller side are set as follows;

Applicable to :	BVE-600	BVE-800
	BVE-900	BVE-900K
	BVE-910	BVE-2000
	BVE-9000	FXE-100
	RM-450	PVE-500
	ACE-25 (Ver. 3.1c)	AG-A350
	AG-A770	AG-A800
	AU-A950	AU-A960

* Note *

- When the VTR was produced after October 2002 production or the SYSCON software version is more than version N1.07 or P1.05, the VTR device constant is changed from 20 25 to F0 33 and the initial setting of SETUP Menu No. 202 : ID SEL is changed from OTHER to DVCPRO.
- In case of connecting the AG-A850, the controller is initial setting and the SETUP Menu No. 202 : "ID SEL" on the VTR side is set to "DVCPRO".
- Applicable model in the tables are as follows;
  525 mode : AJ-D850P/D850AP
  625 mode : AJ- /D850E/D850BE/D850MC

- SETUP Menu setting data of VTR side is default (factory) setting except comments.
- PREROLL TIME of Controller is set to "5 sec".

BVE-600 Setting

* In case of the VTR which was produced before October 2002 or SYSCON software version is less than N1.07/P1.05.

1. Both Recorder and Player VTR device constant are set as follows;

Model	BLOCK-1								BLOCK-2						
	BYTE								BYTE						
	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7
525 mode	20	25	00	5A	08	08	03	8A	0C	07	FB	00	81	3D	FF
625 mode	21	25	00	4B	08	08	03	8A	0C	07	FB	00	83	3B	FF

(in the chart is different from BVW-75 setting)

BLOCK-1 BYTE-5 (Edit Delay) : 08 = -6 frame
BYTE-6 (EE Delay) : 08 = -6 frame
BYTE-8 (Trajectory) : high byte "8" = Cue Up by CUE UP WITH DATA

* In case of VTR which was produced after October 2002 or SYSCON software version is more than N1.07/P1.05.

1. Both Recorder and Player VTR device constant are set as follows;

Model	BLOCK-1								BLOCK-2						
	BYTE								BYTE						
	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7
525 mode	F0	33	00	5A	08	08	03	8A	0C	07	FB	00	81	3D	FF
625 mode	F1	33	00	4B	08	08	03	8A	0C	07	FB	00	83	3B	FF

(in the chart is different from BVW-75 setting)

BLOCK-1 BYTE-5 (Edit Delay) : 08 = -6 frame
BYTE-6 (EE Delay) : 08 = -6 frame
BYTE-8 (Trajectory) : high byte "8" = Cue Up by CUE UP WITH DATA

BVE-900 (Ver 1.04) Setting

* In case of the VTR which was produced before October 2002 or SYSCON software version is less than N1.07/P1.05.

1. Both Recorder and Player VTR device constant are set as follows;

Model	CONSTANT 1								CONSTANT 2						
	DATA								DATA						
	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7
525 mode	20	25	00	96	08	08	0A	0F	0C	07	FB	00	81	3D	20
625 mode	21	25	00	7D	08	08	0A	0F	0C	07	FB	00	83	3B	20

(in the chart is different from BVW-75 setting)

CONSTANT-1 DATA-5 (Edit Delay) : 08 = -6 frame
DATA-6 (EE Delay) : 08 = -6 frame
DATA-7 (Overrun) : Compensation for tape overrunning time from the appointed Preroll point during Preroll Stop period.
DATA-8 (Trajectory) : Regulate the optimum trajectory curve during Preroll mode
CONSTANT-2 DATA-7 (Preroll Speed) : 20 = SHUTTLE X32

* In case of VTR which was produced after October 2002 or SYSCON software version is more than N1.07/P1.05.

1. Both Recorder and Player VTR device constant are set as follows;

Model	CONSTANT 1								CONSTANT 2						
	DATA								DATA						
	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7
525 mode	F0	33	00	96	08	08	0A	0F	0C	07	FB	00	81	3D	20
625 mode	F1	33	00	7D	08	08	0A	0F	0C	07	FB	00	83	3B	20

(in the chart is different from BVW-75 setting)

CONSTANT-1 DATA-5 (Edit Delay) : 08 = -6 frame
DATA-6 (EE Delay) : 08 = -6 frame
DATA-7 (Overrun) : Compensation for tape overrunning time from the appointed Preroll point during Preroll Stop period.
DATA-8 (Trajectory) : Regulate the optimum trajectory curve during Preroll mode
CONSTANT-2 DATA-7 (Preroll Speed) : 20 = SHUTTLE X32

* BVE-900 Ver1.06, Ver1.09, Ver1.10 and Ver1.12 are set as same as BVE-900K. (CUE-UP can be available by CUE UP WITH DATA)
* When CONSTANT-1 DATA-7 and DATA-8 and CONSTANT-2 DATA-7 are set to the above condition, CUE-UP is smoothly functioned but CUE-UP speed is late.
* BVE-900 Ver1.04 cannot be cueing-up by CUE UP WITH DATA.

BVE-900K, BVE-910 Setting

* In case of the VTR which was produced before October 2002 or SYSCON software version is less than N1.07/P1.05.

1. Both Recorder and Player VTR device constant are set as follows;

Model	CONSTANT 1								CONSTANT 2						
	DATA								DATA						
	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7
525 mode	20	25	00	96	08	08	03	8A	0C	07	FB	00	81	3D	FF
625 mode	21	25	00	7D	08	08	03	8A	0C	07	FB	00	83	3B	FF

(in the chart is different from BVW-75 setting)

CONSTANT-1 DATA-5 (Edit Delay) : 08 = -6 frame
DATA-6 (EE Delay) : 08 = -6 frame
DATA-8 (Trajectory) : high byte “8” = Cue Up by CUE UP WITH DATA

* In case of VTR which was produced after October 2002 or SYSCON software version is more than N1.07/P1.05.

1. Both Recorder and Player VTR device constant are set as follows;

Model	CONSTANT 1								CONSTANT 2						
	DATA								DATA						
	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7
525 mode	F0	33	00	96	08	08	03	8A	0C	07	FB	00	81	3D	FF
625 mode	F1	33	00	7D	08	08	03	8A	0C	07	FB	00	83	3B	FF

(in the chart is different from BVW-75 setting)

CONSTANT-1 DATA-5 (Edit Delay) : 08 = -6 frame
DATA-6 (EE Delay) : 08 = -6 frame
DATA-8 (Trajectory) : high byte “8” = Cue Up by CUE UP WITH DATA

BVE-2000 Setting

* In case of the VTR which was produced before October 2002 or SYSCON software version is less than N1.07/P1.05.

1. Both Recorder and Player VTR device constant are set as follows;

Model	DATA														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
525 mode	20	25	00	96	08	08	03	8A	0C	07	FB	00	81	3D	FF
625 mode	21	25	00	7D	08	08	03	8A	0C	07	FB	00	83	3B	FF

(in the chart is different from BVW-75 setting)

DATA-5 (Edit Delay) : 08 = -6 frame
DATA-6 (EE Delay) : 08 = -6 frame
DATA-8 (Trajectory) : high byte “8” = Cue Up by CUE UP WITH DATA

* In case of VTR which was produced after October 2002 or SYSCON software version is more than N1.07/P1.05.

1. Both Recorder and Player VTR device constant are set as follows;

Model	DATA														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
525 mode	F0	33	00	96	08	08	03	8A	0C	07	FB	00	81	3D	FF
625 mode	F1	33	00	7D	08	08	03	8A	0C	07	FB	00	83	3B	FF

(in the chart is different from BVW-75 setting)

DATA-5 (Edit Delay) : 08 = -6 frame
DATA-6 (EE Delay) : 08 = -6 frame
DATA-8 (Trajectory) : high byte “8” = Cue Up by CUE UP WITH DATA

BVE-9000 Setting

* In case of the VTR which was produced before October 2002 or SYSCON software version is less than N1.07/P1.05.

1. Both Recorder and Player VTR device constant are set as follows;

Model	CONSTANT 1								CONSTANT 2							
	DATA								DATA							
	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8
525 mode	20	25	00	96	08	08	03	8A	0C	07	FB	00	81	3D	FF	5A
625 mode	21	25	00	7D	08	08	03	8A	0C	07	FB	00	83	33	FF	4B

(in the chart is different from BVW-75 setting)

CONSTANT-1 DATA-5 (Edit Delay) : 08 = -6 frame
DATA-6 (EE Delay) : 08 = -6 frame

* In case of VTR which was produced after October 2002 or SYSCON software version is more than N1.07/P1.05.

1. Both Recorder and Player VTR device constant are set as follows;

Model	CONSTANT 1								CONSTANT 2							
	DATA								DATA							
	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8
525 mode	F0	33	00	96	08	08	03	8A	0C	07	FB	00	81	3D	FF	5A
625 mode	F1	33	00	7D	08	08	03	8A	0C	07	FB	00	83	33	FF	4B

(in the chart is different from BVW-75 setting)

CONSTANT-1 DATA-5 (Edit Delay) : 08 = -6 frame
DATA-6 (EE Delay) : 08 = -6 frame

FXE-100 Setting

1. Player VTR device constant (SETUP Menu No. 401 and 402) is set to “DISABLE”. (As the user setting code is not available, built-in code is available)
2. Recorder VTR device constant (SETUP Menu No. 403) is set to “ENABLE” and as follows;

Model	DATA														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
525/625 mode	FF	FF	00	5A	08	08	03	84	0A	08	FB	00	80	2E	FF

(in the chart is different from factory setting)

BYTE-05 (Edit Delay) : 08 = -6 frame
BYTE-06 (EE Delay) : 08 = -6 frame
BYTE-13 (MODE DATA1) : CF ON NTSC 81 = 4F LOCK
PAL 83 = 8F LOCK
BYTE-14 (MODE DATA2) : while CF status from the VTR is effective 2F
while CF status from the VTR is not effective 2E

VTR Device Code

BVE-600 / BVE-900 / BVE-900K / BVE-9000 / BVE-2000 / FXE-100

BLOCK	BYTE	ITEM	CONTENTS
1	1 2	Device Type	Set the VTR type.
	3 4	Min Preroll Time	Set the minimum Preroll Time which is required by the VTR.
	5	Edit Delay	Compensate the delay time from which the REC command is transmitted to the VTR and then the recording is started. (Frame unit)
	6	EE Delay	Compensate the delay time from which the PB/EE control command is transmitted to the VTR and then the VTR goes to the Preview mode. (Frame unit)
	7	Overrun	Compensate the extra running time when the tape is passed over the Preroll point during Preroll Stop period. (Frame unit)
	8	Trajectory Const	Regulate the optimum trajectory curve during Preroll period. (Poor convergence VTR has a big value) High byte "8" = Cue Up by CUE UP WITH DATA * BVE-900 (Ver. 1.04) cannot be available with the Cue Up by CUE UP WITH DATA.
2	1	TC Read Delay	Compensate the delay time from which the tape is run and then the time code reading is actually stared. (Frame unit)
	2	Start Delay	Compensate the delay time from which the run command is transmitted to the VTR and then the VTR is turned ON actually. (Frame unit)
	3	After-Sync Delay -	Set the optimum command delay time, which is servo-locked to the right position from the lower speed direction, when the mode is changed to PLAY after synchronization is completed. (Frame unit)
	4	After-Sync Delay +	Set the optimum command delay time, which is servo-locked to the right position from the higher speed direction, when the mode is changed to PLAY after synchronization is completed. (Frame unit)
	5	Max Framing CTL Interpolation	BIT1 ~ 7 : Set the maximum framing which shows the VTR format. 0 = 2F LOCK 1 = 4F LOCK 2 = 8F LOCK Despite of SYNCHRONIZE SW setting on the System Setting Panel, the corresponding VTR is controlled by the framing which is less than the assigned framing. BIT8 : 1 = CTL compensation of time code can be available. 0 = Not available.
	6	CF Status Enable Max Frame Lock Time	BIT1 : 1 = CF status from the VTR is available. 0 = Not available BIT2 ~ 8 : Set the maximum time up to frame-lock of VTR. (Frame unit)
	7	Preroll Speed	Set the maximum speed of SHUTTLE mode when the Preroll (CUE UP) is executed. FF = Control by the FF/REW mode

BVE-800 Setting

1. SW1, SW2 and SW3 on the 9 Pin Interface Board of Recorder side are set as follows;

Model	SW1		SW2								SW3							
	R/P Setting		Edit Timing								Play Timing							
	Recorder		- 6 Frame								- 5 Frame							
	1	2	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8
525/625 mode	ON	OFF	OFF	ON	OFF	ON			ON		OFF	ON	OFF	ON		ON		

(Blank frame in the chart is not changed)

2. SW1, SW2 and SW3 on the 9 Pin Interface Board of Player side are set as follows;

Model	SW1		SW2								SW3							
	R/P Setting		Edit Timing								Play Timing							
	Recorder		- 6 Frame								- 10 Frame							
	1	2	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8
525/625 mode	OFF	ON	OFF	ON	OFF	ON			ON		ON	OFF	ON	OFF		ON		

(Blank frame in the chart is not changed)

SW2-7 (Time Code Discontinuity Process) : ON = CTL is not compensated
SW3-6 (Synchronization Accuracy) : ON = ± 0 frame

* For cueing up smoothly, SETUP Menu No. 102 FF.REW MAX of AJ-D750 is set to X32 or X60.
* In case of I/F software version is more than N1.02, set the SETUP Menu No. 313 AFTER CUE UP to STOP (0000).
* At BVE-800, editing is executed when the VTR goes to STOP mode after CUE-UP completion.

9P INTERFACE Board (BK-809) Setting

SW1 : PLAYER1/2/RECORDER Setting Switch

Purpose of VTR Use	SW1	
	1	2
RECORDER	ON	
PLAYER1		ON
PLAYER2		

(Blank frame in the chart is OFF)

SW2-1 ~ 4 : Edit Command Timing Switch

		Output Timing of Edit Command (Frame)															
		-1*	-2	-3	-4	-5	-6	-7	-8	-9	-10	-11	-12	-13	-14	-15	-16
SW2	1	ON		ON		ON		ON		ON		ON		ON		ON	
	2	ON	ON			ON	ON			ON	ON			ON	ON		
	3	ON	ON	ON	ON					ON	ON	ON	ON				
	4	ON	ON	ON	ON	ON	ON	ON	ON								

* Default Setting (Blank frame in the chart is OFF)

SW2-6 : Selection of CUE UP (In case of PROM (IC96 ~ 102) software on MP-17 Board is more than Version –3)
ON = CUE UP by the SEARCH mode
OFF = CUE UP by FF/REW (over 1sec) + SEARCH (within 1 sec)

SW2-7 : Time code discontinuity process (In case of PROM (IC96 ~ 102) software on MP-17 Board is more than Version –2)
ON = Discontinuity process is not performed.
OFF = Discontinuity process is performed. (CTL is used at the Preroll and synchronization from the IN point)

SW2-8 :No use of 9P INTERFACE Board (BK-807)

SW3-1 ~ 4 : PLAY Command Timing Switch

		Output Timing of PLAY Command (Frame)															
		0	-1	-2	-3	-4	-5	-6	-7*	-8	-9	-10	-11	-12	-13	-14	-15
SW3	1	ON		ON		ON		ON		ON		ON		ON		ON	
	2	ON	ON			ON	ON			ON	ON			ON	ON		
	3	ON	ON	ON	ON					ON	ON	ON	ON				
	4	ON	ON	ON	ON	ON	ON	ON	ON								

* Default Setting (Blank frame in the chart is OFF)

Setting Method of PLAY Command Output Timing

1. Insert the tape (1 min) which is recorded the video signal continuously to each VTR.
2. Set the EDIT NUMBER to 900. (Press the key "9" first and then "0" and "0" pressing the "EDIT#" key simultaneously.)
3. Press the "PREVIEW" key. Run the VTR with the PREVIEW mode and then stop automatically. When the PREVIEW lamp is turned OFF, the data is displayed on the time counter at the same time.
   * Note * When AJ-D850 is Recorder side, it performs with selecting the EDIT PRESET.
4. Set the SW3-1 ~ 4 as this data is frame number described above table.

SW3-6 : Synchronization Accuracy
ON = ±0 frame
OFF = ±1 frame
SW3-7 : No use of 9P INTERFACE Board (BK-807)
SW3-8 : Color Framing Switch
ON = CF edit is executed on the SYNCHRONIZE SW OFF position.
OFF = CF edit is not executed on the SYNCHRONIZE SW OFF position.

AU-A950 (before Ver 2.0-2053 for NTSC) Setting

* In case of the VTR which was produced before October 2002 or SYSCON software version is less than N1.07/P1.05.

1. Both Recorder and Player VTR device constant are set as follows;

Model	CONSTANT 1								CONSTANT 2						
	DATA								DATA						
	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7
525 mode	20	25	FF	FF	06	06	01	00	03	06	9F	03	83	00	FF

(in the chart is different from BVW-75 setting)

CONSTANT-1 DATA-5 (Edit Delay) : 06 = -6 frame
DATA-6 (EE Delay) : 06 = -6 frame
CONSTANT-2 DATA-3 (After Sync Delay) : 9F = 0 frame

* In case of VTR which was produced after October 2002 or SYSCON software version is more than N1.07/P1.05.

1. Both Recorder and Player VTR device constant are set as follows;

Model	CONSTANT 1								CONSTANT 2						
	DATA								DATA						
	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7
525 mode	F0	33	FF	FF	06	06	01	00	03	06	9F	03	83	00	FF

(in the chart is different from BVW-75 setting)

CONSTANT-1 DATA-5 (Edit Delay) : 06 = -6 frame
DATA-6 (EE Delay) : 06 = -6 frame
CONSTANT-2 DATA-3 (After Sync Delay) : 9F = 0 frame

* When cueing up smoothly, SETUP Menu No. 102 FF.REW MAX of AJ-D850 is set to X32.

AU-A950 (after Ver 2.0-2054 for NTSC) Setting

* In case of the VTR which was produced before October 2002 or SYSCON software version is less than N1.07/P1.05.

1. Both Recorder and Player VTR device constant are set as follows;

Model	CONSTANT 1								CONSTANT 2						
	DATA								DATA						
	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7
525 mode	20	25	FF	FF	06	06	01	00	03	06	FF	03	83	02	FF

(in the chart is different from BVW-75 setting)

CONSTANT-1 DATA-5 (Edit Delay) : 06 = -6 frame
DATA-6 (EE Delay) : 06 = -6 frame
CONSTANT-2 DATA-6 (MODE2) : 00 = Synchronize after Servo Lock
02 = Synchronize after Play OUTPUT

* In case of VTR which was produced after October 2002 or SYSCON software version is more than N1.07/P1.05.

1. Both Recorder and Player VTR device constant are set as follows;

Model	CONSTANT 1								CONSTANT 2						
	DATA								DATA						
	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7
525 mode	F0	33	FF	FF	06	06	01	00	03	06	FF	03	83	02	FF

(in the chart is different from BVW-75 setting)

CONSTANT-1 DATA-5 (Edit Delay) : 06 = -6 frame
DATA-6 (EE Delay) : 06 = -6 frame
CONSTANT-2 DATA-6 (MODE2) : 00 = Synchronize after Servo Lock
02 = Synchronize after Play OUTPUT

* When cueing up smoothly, SETUP Menu No. 102 FF.REW MAX of AJ-D850 is set to X32.

AU-A950 (Ver 2.0-2056 for PAL) Setting

* In case of the VTR which was produced before October 2002 or SYSCON software version is less than N1.07/P1.05.

1. Both Recorder and Player VTR device constant are set as follows;

Model	CONSTANT 1								CONSTANT 2						
	DATA								DATA						
	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7
625 mode	21	25	FF	FF	06	06	01	00	0C	07	FF	00	83	00	FF

(in the chart is different from BVW-75 setting)

CONSTANT-1 DATA-5 (Edit Delay) : 06 = -6 frame
DATA-6 (EE Delay) : 06 = -6 frame
CONSTANT-2 DATA-6 (MODE2) : 00 = Synchronize after Servo Lock
02 = Synchronize after Play OUTPUT

* In case of VTR which was produced after October 2002 or SYSCON software version is more than N1.07/P1.05.

1. Both Recorder and Player VTR device constant are set as follows;

Model	CONSTANT 1								CONSTANT 2						
	DATA								DATA						
	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7
625 mode	F1	33	FF	FF	06	06	01	00	0C	07	FF	00	83	00	FF

(in the chart is different from BVW-75 setting)

CONSTANT-1 DATA-5 (Edit Delay) : 06 = -6 frame
DATA-6 (EE Delay) : 06 = -6 frame
CONSTANT-2 DATA-6 (MODE2) : 00 = Synchronize after Servo Lock
02 = Synchronize after Play OUTPUT

* For cueing up smoothly, SETUP Menu No. 102 FF.REW MAX of AJ-D850 is set to X32.

CUE Select Setting of Edit mode on AU-A950 (before Ver2.0-2076, NTSC/PAL), AU-A960 (before Ver2.1-2125, NTSC/PAL)

- Setting method by the SETUP Menu on the VTR side (Setting of Controller side is not changed). However, only CUE cannot be selectable in this method.
  1. Set the SETUP Menu No. 307: EDIT RPLCEC on the VTR of Recorder side as follows.
     CH1 : Select the CUE at the same time of CH1 selecting.
     CH2 : Select the CUE at the same time of CH2 selecting.
     CH1+2 : Select the CUE at the same time of CH1 or CH2 selecting.
- Changing method of Controller side setting
  1. Set the SETUP Menu No. 204 : ID SEL on the VTR of Recorder side to DVCPRO (0001).
  2. Recorder VTR device constant is set as follows;

AU-A950 (before Ver 2.0-2053 for NTSC) Setting

Model	CONSTANT 1								CONSTANT 2						
	DATA								DATA						
	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7
525 mode	F0	33	FF	FF	06	06	01	00	03	06	9F	03	83	00	FF

AU-A950 (after Ver 2.0-2054 for NTSC) Setting

Model	CONSTANT 1								CONSTANT 2						
	DATA								DATA						
	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7
525 mode	F0	33	FF	FF	06	06	01	00	03	06	FF	03	83	02	FF

AU-A950 (Ver 2.0-2056 for PAL) Setting

Model	CONSTANT 1								CONSTANT 2						
	DATA								DATA						
	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7
625 mode	F1	33	FF	FF	06	06	01	00	0C	07	FF	00	83	00	FF

3. AUDIO CHANNEL ASSIGN of Controller is set as follows.

ANALOG A1 (CUE) = CUE KEY*1 DIGITAL A1 = A1 KEY
ANALOG A2 (CUE) = CUE KEY*1 DIGITAL A2 = A2 KEY
ANALOG A3 (TC) = TC KEY DIGITAL A3 = A3 KEY
ANALOG A4 = A4 KEY DIGITAL A4 = A4 KEY

*1 Setting of selecting the CUE edit mode by CUE key is displayed.

AU-A950 (after Ver2.0-2077, NTSC/PAL), AU-A960 (after Ver2.1-2126, NTSC/PAL) Setting

1. Set the SETUP Menu No. 204 : ID SEL on the VTR of Recorder side to DVCPRO (0001).
2 Recorder VTR device constant are set as follows;

Model	CONSTANT 1								CONSTANT 2						
	DATA								DATA						
	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7
525/625 mode	FF	FF	FF	FF	06	06	01	00	03	06	FF	03	83	02	FF

3. AUDIO CHANNEL ASSIGN of Controller is set as follows.

ANALOG A1 (CUE) = CUE KEY*2 DIGITAL A1 = A1 KEY
ANALOG A2 (CUE) = CUE KEY*2 DIGITAL A2 = A2 KEY
ANALOG A3 (TC) = TC KEY DIGITAL A3 = A3 KEY
ANALOG A4 = A4 KEY DIGITAL A4 = A4 KEY

*2 Setting of selecting the CUE edit mode by CUE key is displayed.

AG-A350 Setting

1. Dip Switch of AG-A350 is set as follows;

Model	SW1						SW2					
	1	2	3	4	5	6	1	2	3	4	5	6
525 mode				OFF			OFF	ON	OFF	ON	OFF	ON
625 mode				OFF			OFF	ON	OFF	ON	OFF	OFF

(Blank frame in the chart is not changed)

2. Set the SETUP Menu No. 106 : PLAY DELAY to “5” on the Recorder side of AJ-D850.

* Note * When set to above setting, normal playback is also late.

Set the SETUP Menu No. 106 : PLAY DELAY to “0” on the Player side of AJ-D850.

AG-A350 Dip SW Setting

			OFF	ON	Setting
SW1	1	CTL DISPLAY (CTL Counter Display)	± 12H	24H	ON
	2	PLAYER EDIT REFERENCE (Counter mode on Player side)	TC	CTL	ON
	3	RECORDER EDIT REFERENCE (Counter mode on Recorder side)	TC	CTL	ON
	4	SYCRO VTR (Synchronization Control)	PLAYER	RECORDER	OFF
	5	CAP OVERRIDE (Synchronization, Selection of Color Framing)	SW1-5, SW1-6 OFF OFF NOT SYNCHRO (No Synchronization) ON OFF FRAMING (Framing, Synchronization) OFF ON COLOR FRAMING (Color Framing, Synchronization) ON ON VTR SYNCHRO (Setting on VTR side, Synchronization)		ON
	6				OFF
SW2	1	PREROLL TIME (PREROLL Time Setting)	SW2-1, SW2-2 OFF OFF 10 sec ON OFF 7 sec OFF ON 5 sec ON ON 3 sec		ON
	2				OFF
	3	EDIT TIMING (Edit Timing Setting)	SW2-3, SW2-4 OFF OFF - 8 frames ON OFF - 7 frames OFF ON - 6 frames ON ON -5 frames		OFF
	4				OFF
	5	AUDIO CH2 (Audio 2 Setting in Edit mode)	AUDIO	TC	OFF
	6	SIGNAL STANDARD (Frame)	25F (PAL)	30F (NTSC)	ON

AG-A770 Setting

1. SW1 and SW2 on the Panel side are set as follows;

Model	SW1								SW2							
	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8
525 mode								ON				ON				
625 mode								ON				ON				

(Blank frame in the chart is set to OFF)

2. SW1 (SW501) and SW2 (SW502) on the I/F Unit side are set as follows;

Model	SW1 (SW501)								SW2 (SW502)							
	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8
525 mode					ON		ON									
625 mode	ON				ON		ON									

(Blank frame in the chart is set to OFF)

SW1-5 ~ SW1-7 : 9P Edit Timing

SW1-5 ON
SW1-6 OFF = - 6 frame
SW1-7 ON

3. Set the SETUP Menu No. 106 : PLAY DELAY to “5” on the Recorder side of AJ-D850.

* Note * When set to above setting, normal playback is also late.

Set the SETUP Menu No. 106 : PLAY DELAY to “0” on the Player side of AJ-D850.

AG-A770 (Ver 2.2) Dip SW Setting

Panel side

SW1	1	Buzzer Sound	ON	No sound
			OFF	Sound
	2	No use		
	3	No use		
	4	Synchronization Operation Select SW	ON	Perform by the CAP OVERRIDE.
			OFF	Perform by the Search mode.
	5	Preroll Time	ON	3 sec
			OFF	5 sec
	6	Postroll Time	ON	1 sec
			OFF	2 sec
	7	Synchronization	In case of setting this SW to ON, the setting of SW1-8 is not available.	
			ON	No synchronization
			OFF	Perform synchronization
	8	Editing Grade	ON	Retry 2 times. If it fails, the editing is stopped.
			OFF	No retry. If it fails, the editing is continued.
SW2	1	No use		
	2	D3 Shuttle Mode	ON	It is switched to the VAR mode during SHTL X -1 ~ X +2
			OFF	It is not switched.
	3	Edit Timing Auto Selection	This setting is only available with SW2-4 OFF setting.	
			ON	In case of VTR ID is "1000", the edit timing is followed with the SW501-5, 6 and 7 setting on the I/F Unit side.
			OFF	In case of VTR ID is "1000", the edit timing is set to -1 frame.
	4	Edit Timing Auto Selection	ON	Edit timing is followed with the SW501-5, 6 and 7 setting on the I/F Unit side.
			OFF	The VTR ID automatically sets edit timing.
	5	TC Read Mode	ON	Only LTC.
			OFF	VITC or LTC.
	6	DF/NDF Setting	ON	DF
			OFF	NDF
	7	Color Framing Editing Selection	ON	Perform the Color Framing Editing. (However VTR SETTING)
			OFF	Not perform the Color Framing Editing.
	8	Multi Event ON/OFF	ON	Single event is fixed.
			OFF	Multi Event can be available to switch from the single event by the EVENT key.

I/F Unit side

SW1 (SW501)	1	NTSC/PAL Switching	ON	PAL						
			OFF	NTSC						
	2	34P IN point - 1 Frame	When the picture is confirmed using the VIDEO OUT terminal on the 34P Interface Board, 1 frame shift between the actual TC and displayed TC is compensated. In case of using the MARK-IN/OUT key or GOTO key, this setting is effective.							
			ON	Compensation is performed.						
			OFF	Compensation is not performed.						
	3	No use								
	4	No use								
	5 6 7	Edit Timing	Frame	-1	-2	-3	-4	-5	-6	-7	-8
			SW1-5	OFF	OFF	OFF	OFF	ON	ON	ON	ON
			SW1-6	OFF	OFF	ON	ON	OFF	OFF	ON	ON
			SW1-7	OFF	ON	OFF	ON	OFF	ON	OFF	ON
	8	No use								
SW2 (SW502)	1	No use								
	2	No use								
	3	No use								
	4	No use								
	5	No use								
	6	No use								
	7	No use								
	8	No use								

AG-A800 Setting

1. SW1 and SW2 on the Panel side are set as follows;

Model	SW1								SW2							
	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8
525 mode			ON	OFF	OFF	OFF	OFF	ON	ON		ON	ON	OFF	ON	OFF	ON

(Blank frame in the chart is not changed)

2. SW1 (SW501) and SW2 (SW502) on the I/F Unit side are set as follows;

Model	SW1 (SW501)								SW2 (SW502)							
	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8
525 mode	OFF	ON			ON	OFF	ON									
625 mode	ON	ON			ON	OFF	ON									

(Blank frame in the chart is not changed)

3. Set the SETUP Menu No. 106 : PLAY DELAY to “5” on the Recorder side of AJ-D850.

* Note * When set to above setting, normal playback is also late.

Set the SETUP Menu No. 106 : PLAY DELAY to “0” on the Player side of AJ-D850.

AG-A800 Dip SW Setting

Panel side

SW1	1	Buzzer Sound at mis-operation	ON*	Sound
			OFF	No sound
	2	Direct Search	ON*	Direct search can be available.
			OFF	Direct search cannot be available.
	3	No use	Set to ON.	
	4	Recorder side Synchronization	ON*	Perform by the CAP OVERRIDE.
			OFF	Perform by the Search mode.
	5	Player 2 side Synchronization	ON*	Perform by the CAP OVERRIDE.
			OFF	Perform by the Search mode.
	6	Player 1 side Synchronization	ON*	Perform by the CAP OVERRIDE.
			OFF	Perform by the Search mode.
	7	No use	Set to OFF.	
	8	Editing Grade	ON*	Retry 2 times. If it fails, the editing is stopped.
			OFF	No retry. If it fails, the editing is continued.
SW2	1	Control Panel	ON*	ON
			OFF	OFF
	2	GPI3 Switching Timing	ON*	Audio Edit Point
			OFF	KEY Output Point
	3	Edit Timing Auto Selection	This setting is only available with SW2-4 OFF mode	
			ON	In case of VTR ID is "1000", the edit timing is followed with the SW501-5, 6 and 7 setting on the VTR side.
			OFF*	In case of VTR ID is "1000", the edit timing is set to -1 frame.
	4	Edit Timing Auto Selection	ON	Edit timing is followed with the SW501-5, 6 and 7 setting on the I/Funit side.
			OFF*	The VTR ID automatically sets edit timing.
	5	No use	Set to OFF.	
	6	No use	Set to ON.	
	7 8	Postroll Time	Sec	0.5 / 1* / 2 / 3
			SW2-7	OFF / OFF / ON / ON
			SW2-8	OFF / ON / OFF / ON

I/F Unit side

SW1 (SW501)	1	No use	Set to OFF.								
	2	VTR Action	ON*	ON							
			OFF	OFF							
	3 4	Switcher Selection		-		AG-SW800*		KM3000		GVG100	
			SW1-3	OFF		OFF		ON		ON	
			SW1-4	OFF		ON		OFF		ON	
	5 6 7	Edit Timing	Frame	-1	-2	-3	-4	-5	-6	-7	-8
			SW1-5	OFF	OFF	OFF	OFF	ON	ON	ON	ON
			SW1-6	OFF	OFF	ON	ON	OFF	OFF	ON	ON
			SW1-7	OFF	ON	OFF	ON	OFF	ON	OFF	ON
	8	PC Communication Time Out	ON	Communication is finished unless receiving the data within about 3 sec.							
			OFF*	No time out.							
SW1 (SW502)	RS232 Contents										
	1	Communication Data Length	ON	7 bit							
			OFF*	8 bit							
	2	STOP Bit	ON*	2							
			OFF	1							
	3	PARITY	ON	ON							
			OFF*	OFF							
	4	ODD/EVEN	ON	EVEN							
			OFF*	ODD							
	5	File End Process	ON*	CR, LF, ^Z Output							
			OFF	^Z Output							
	6 7 8	BAUD RATE		110	300	600	1200	2400	4800	9600*	19200
			SW2-6	ON	ON	ON	ON	OFF	OFF	OFF	OFF
			SW2-7	ON	ON	OFF	OFF	ON	ON	OFF	OFF
			SW2-8	ON	OFF	ON	OFF	ON	OFF	ON	OFF

ACE-25 (Ver. 3.1c) Setting

1. Press the keys, [SYS INIT] → [HARDWARE CONFIG] → [SONY PROTOCOL], and then set the protocol to CVR-75.
2. Press the keys, [SYS INIT] → [SYSTEM OPTION] then the menu is EDIT OPTIONS. Set the ENTRY OFFSET in the EDIT OPTIONS to -3 Frames.
3. Setting on the VTR side
   1). SETUP-MENU 102 : FF.REW MAX = X32
   2). SETUP-MENU 202 : ID SEL = OTHER
   3). SETUP-MENU 300 : VAR RANGE = -4 ~ +4

< Complement >

JOG operation of ACE-25 is not too good. It is caused by too much speed data change of the command.

PVE-500 Setting

1. Set the SETUP-11 : ED DELAY (Edit Delay) on the PVE-500 side to 6F (6 frames).
   1). Press the SETUP (ENTRY + EDIT) button.
   2). Rotate the Search Dial on the Player side and then display "SETUP-11".
   3). Rotate the Search Dial on the Recorder side and then set to "6F".
   4). Press the STORE (ENTRY + REC) button.
   5). Press the SETUP (ENTRY + EDIT) again and then close the SETUP mode.
2. Set the SETUP Menu No. 106:PLAY DELAY to “4” on the Recorder side of AJ-D850.
   * Note * When set to above setting, normal playback is also late.
   Set the SETUP Menu No. 106:PLAY DELAY to “0” on the Player side of AJ-D850.

RM-450 Setting

1. SYSTEM RESET SW on the RM-450 side is set as follows;

Left side

Number	7	6	5	4	3	2	1	0
SW Setting	OFF	OFF	ON	OFF	OFF	OFF	OFF	OFF

Right side

Number	7	6	5	4	3	2	1	0
SW Setting	OFF	OFF	OFF	ON	OFF	ON	ON	OFF

2. Set the SETUP Menu No. 106 : PLAY DELAY to “4” on the Recorder side of AJ-D850.
   * Note * When set to above setting, normal playback is also late.
   Set the SETUP Menu No. 106 : PLAY DELAY to “0” on the Player side of AJ-D850.
3. After selecting the Edit mode, insert the recorded tape in both Player and Recorder sides and push the LEARN button.