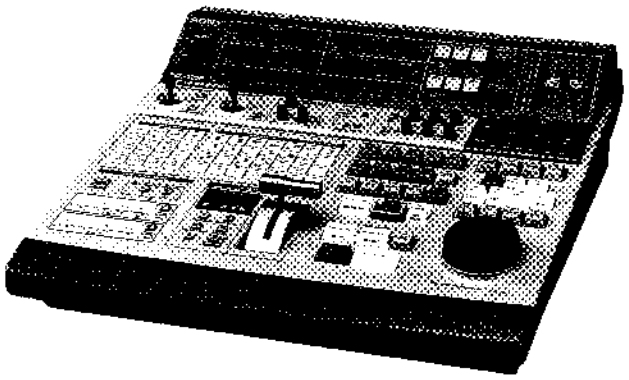
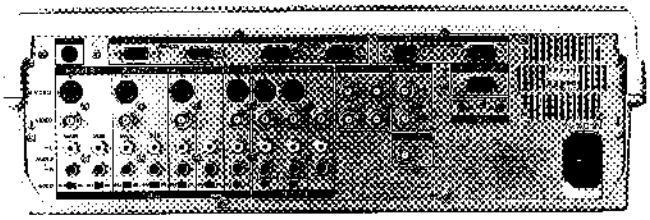
FXE-120P

Video Editing System

•Integration of an editing controller, video switcher, audio mixer and digital effects generator •Three VTR cotnrol (RS-422/RS-232C) •LANC (Local Application Control bus system) interface for controlling home-use LANC VTRs and camcorders as player VTRs •Time code based editing •Equipped with two busses • GPI input/output •8-bit quantizing, 4:1:1 digital processing •Built-in Frame Synchronizers allow editing without a Time Base Corrector •140 wipe patterns •Digital effects (Mix Effect/Fade Effect/ Input Effects) •Built-in chromakeyer and luminance keyer) •Colour correction capability •25 different colour background •Editing memory for 99 events •Saving/ loading of EDL Data is possible





Supplied Accessoreis	AC power cord (1) Instruction manual (1) User's guide (1) LANC cord (2)
Optional Accessoreis	RCC-5/10/30G RS-422 remote cable SMF-3036C (RS-232C remote cable, 9-pin to 25 -pin)

Specifications

General

Signal system:	PAL
Power requirements:	AC 220 to 240 V ±10%, 50/60Hz ± 5%
Power consumption:	Maximum 65W
Operating temperature:	5 to 40°C (41 to 104°F)
Storage temperature:	–20 to 60°C (–4 to 140°F)
Dimentions:	424 (W) × 138.5 (H) × 437.5 (D) mm (16¾ × 5½ × 17¼ inches)
Mass:	Approx. 7.3 kg (16 lb 1 oz)

Systems

Time counter:	Internal time counter (×3)
Time count display range:	Time code: 00:00:00:00 to 23:59:59:29 CTL: ±9:59:59:29 Full edit mode
Editing mode:	Assemble edit: Video, Audio 1/2 Insert Edit: Video Audio 1/2 First edit, Time code insert Split edit (Audio split offset from video IN point), Dynamic Motion Control (DMC)
Eject type:	MIX, WIPE, SYNC-ROLL, CUT, MANUAL 1st Edit, Audio Split Edit, DMC Control
Edit reference:	CTL, LTC, SMPTE/EBU time code, 8mm time code, RC time code, DV time code
Edit Accuracy:	RS-422: ± 0 frame with TC, ±1 frame with CTL RS-232C: ±1 frame with TC LANC: ±5 frame with RC time code
Transition time range:	0 to 999 (unit: frames)
Pinch-on Delay:	Simultaneous measurement of pinch-on delay for up to three VCRs conneceted to RS-422/RS-232C/ LANC connectors
EDL memory capacity:	99 edits
Split edit reference:	Audio or Video input

Control

VTR Interface:	RS-422: 9-pin RS-232C: D-sub 9-pin LANC: stereo mini-mini jack
Controllable VTR:	1 recorder, up to 2 players
GPI interface:	GPI IN (BNC) GPI OUT (BNC) × 2
EDL Interface:	EDL IN/OUT (D-sub 9-pin)

Video

Video inputs

Composite:	BNC × 4 unbalanced (PLAYER 1, PLAYER 2, AUX1, RECORDER) Video: 1.0Vp-p, 75 ohms Sync: 0.286Vp-p Burst: 0.286Vp-p
S-Video	4-pin x 4 unbalanced Mini DIN 4-pin x 2, PGM1, PGM2 Y: 1.0Vp-p, 75 ohms, sync negative

Video Outputs

Composite:	BNC × 3, unbalanced (PGM 1, 2, MONITOR) Video: 1.0 Vp-p, 75 ohms, sync negative Sync: 0.286 Vp-p Burst: 0.286 Vp-p
S-Video	4-pin × 2 unbalanced Sync: 0.286 Vp-p Burst: 0.286 Vp-p
Black burst out:	BNC × 4, unbalanced Sync: 0.286 Vp-p, Burst: 0.286 Vp-p

Audio

Audio Inputs (stereo)	AUDIO L/R INPUT (phono jack), (2 channels × 5) PLAYER 1 MAIN (2), SUB (2) PLAYER 2 MAIN (2), SUB (2) RECORDER (2) AUX 1 (2) AUX 2 (2) Input impedence: selectable with 600 ohms terminal switch Input level: –7.5dBs (input impedance 47kΩ or above, 600Ω switch OFF) +4dBs (input impedance 600Ω, 600Ω switch ON)
Mic Input (monaural)	Phone × 1, unbalanced Input level: –60dBs, Input impedance: more than 4.3KΩ or above
Audio Outputs (stereo)	AUDIO L/R OUTPUT (phono jack) × 6 PGM 1(2), PGM 2(2), MONITOR (2) Output level: –7.5dB/+4.0dB selectable Output Impedance: 47KΩ (–7.5dBs/+4.0dBs)

Signal Processing

Sampling rate:	Y: 910 fH (fH = 15.734kHz) R-Y/ B-Y: 1/4 × 910 fH
Quantization:	Y/R-Y/B-Y: 8-bit
Frequency response:	0 to 5MHz +1dB/–1dB
Signal to noise ratio:	More than 53dB
Y/C delay:	Less than 50ns (Composite)

Recommended LANC VTRs

Camcorders:	CCD-VX1E, CCD-TR2000E, CCD-TR3E, CCD-V6000E, CCD-V800E, CCD-TR3000E, DCR-VX700E, DCR-VX1000E
Player VTR:	EV-S9000E, EV-C2000E, DHR-1000