

VO-9850P (PAL)



Editing recorder

- Superior Performance (SP) Technology for excellent quality picture through multi-generation recording
- SP/High Band recording capability
- SP/High Band/Low Band playback capability
- Dolby C-type Noise Reduction System for superior sound quality
- BKU-705 Time Code Generator/Reader or BKU-704 Time Code Reader (optional) for accurate time code editing
- Built-in Editing Facility allows ASSEMBLE and INSERT editing (VIDEO, AUDIO, CH-1/CH-2)
- Dial Menu Operation via search dial for user convenience: setting of time code (with the BKU-705), display of time code character on the monitor screen, setting preroll time, etc.
- Shuttle Dial for high speed picture search: STILL, 1/30, 1/10, 1/5, 1/2, 1, 2, 5, 8 times normal speed in the forward and reverse directions
- Jog Dial for precise frame by frame picture search
- 9-pin REMOTE Interface (RS-422A serial): to be interfaced with RM-450CE Editing Control Unit
- BKU-703A 33-pin Editing Interface (optional): editing operation using the Editing Control Unit or remote operation from the RM-500/580 optional Remote Control Unit via this interface
- Audio XLR connectors for connection with professional audio equipment
- Connection to an external TBC
- 19-inch Rack Mountable with the RMM-501 Rack Mount Kit

- Supplied accessories: AC power cord
Operation manual
- Optional accessories: 33-pin editing interface BKU-703A
Time code reader BKU-704
Time code generator/reader BKU-705
Editing control unit RM-450CE
Rack mount kit RMM-501
9-pin remote cable RCC-5G/10G/30G
Dubbing cable (5m) VDC-5A
33-pin remote cable RCC-5F

Specifications

General

Type: Editing Recorder

Video recording system: Rotary 2 head helical scan
Luminance: FM recording
Chrominance: Converted subcarrier

Video signal system: CCIR monochrome/PAL colour

Operating temperature: 5 to 40°C (41 to 104°F)

Power requirements: AC 220 to 240V, 50/60Hz

Operating voltage: AC 99 to 264V

Power consumption: 85W (with BKU-703, BKU-704 and RM-440)

Dimensions: 426 (W) × 238 (H) × 513 (D) mm
(16 7/8 × 9 3/8 × 20 1/4 inches)

Mass: 21.4 kg (47 lb 2 oz)

Video signal

Recording and playback mode:
High band and SP mode
Low band mode (playback only)

Input: 1.0Vp-p ±0.3V, sync negative 75Ω, unbalanced

Output: 1.0Vp-p ±0.2V, sync negative 75Ω, unbalanced

Horizontal resolution:
SP mode 300 lines (colour)
High band mode 260 lines (colour)
Low band mode 250 lines (colour)

S/N ratio (colour): Better than 46 dB

EXT sync input: 2.5V (2.0 to 5.0V) p-p, negative, 75Ω, unbalanced

RF OUT (OFF TAPE): 0.5V (0.3 to 1.0V) p-p, 75Ω, unbalanced

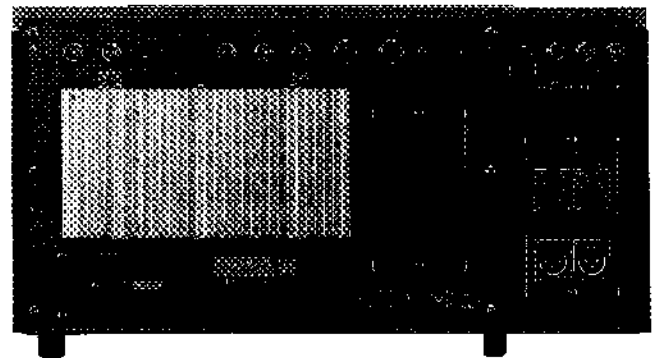
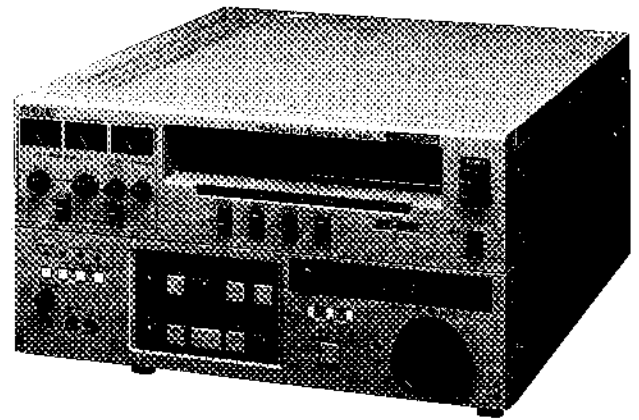
Audio signal

Input: MIC: -60dBu, 3kΩ, unbalanced
LINE: +4dBu, 10kΩ, balanced

Output: LINE: +4dBu, at 600Ω, balanced
HEADPHONE: -26dBu to -46dBu, at 8Ω, unbalanced
MONITOR: -5dBu at 47kΩ, unbalanced

Frequency response: 50Hz to 15kHz

S/N ratio:



Downloaded from: www.broadcast-trader.com.au

Time code

Input: 0dB ±6dB, 10kΩ, unbalanced
(0dB=1.55Vp-p pulse)

Output: 0dB ±3dB, low impedance, unbalanced
(0dB=1.55Vp-p pulse)

RF output

NO

Tape transport

Tape speed: 9.53mm/s (3.8 ips)

Wow and flutter: 0.23% p-p DIN

REC or PB time: Max. 60min

videocassette: KSP/KSP-S/KCA-BRS/KCS-BRS

Technical features

Frame code operation: NO

Remote control: YES (9-pin and 33-pin)

Electronic editing: YES

Time code editing: YES (with BKU-704/705)

Time code capability: YES (with BKU-704/705)

High speed picture search:
YES (1/30, 1/10, 1/5, 1/2, 1, 2, 5, 8)

Jog search: YES

Noiseless pause/still: YES

Dolby noise reduction: YES (C-Type)

Audio dubbing: YES (Insert editing CH-1/CH-2)

EXT sync lock (vertical): YES

Programmed operation: YES (CTL counter)

Timer operation: NO

RF unit adaptable: NO