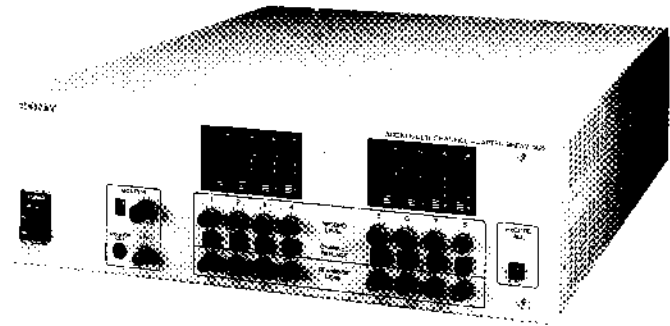


Audio Multi-channel Adaptor (NTSC/PAL)

- Preparation and transmission of multi-lingual materials are available from Digital Betacam VTR in combination use with the BKDW-508 •8-channel Audio Recording
- Record/Playback of up to 16 Channels with a single digital 4-track tape and two BKDW-508 units •Sony 9-pin interface
- Bypass Mode for Standard Audio •Comprehensive monitoring via an 8-bargraph meter •8 digital audio inputs and outputs and 8 analog inputs and outputs •Clock Generation capability •Record/Playback Level Controls (-60dBu to +12dBu) •525(NTSC)/625(PAL) operation



Supplied accessories: Operation manual (1)
Installation and maintenance manual (Part 1) (1)
Rack mounting kit (1)

Optional accessories: PCB extender board

Specifications

General

Power requirement: 90 to 265V AC, 48 to 64Hz
Power consumption: 110W (220VA)
Operating temperature: 5 to 40°C (41 to 104°F)
Humidity: 10% to 90% (non-condensing)
Dimensions: Approx. 424(W) × 130(H) × 520(D)mm
(16¾ × 5¼ × 20½ inches)
Mass: Approx. 15 kg (33 lb 1 oz)

Audio characteristics

Compression/expansion: Sub-band ADPCM
Channels: 8 channels
Sampling frequency: 48kHz
Quantization: 16 bits
Frequency response: 20Hz to 20kHz +0.5/-1.0dB
(1kHz nominal level +4dBu)
Dynamic range: More than 85dB
Headroom: 20dB (18dB, 12dB selectable)
Operating level: +4dBu
Delay time: Less than 4ms
(ENCODE + DECODE)
THD and noise: Less than 0.1%
(at 1kHz nominal level +4dBu)
Cross talk: Less than -80dB
(all channels hostile at 1kHz, level +24dBu)

Audio In/Out

Digital input: XLR 3-pin (4), ABS/EBU stereo pair, balance (via 1, 3, 5, and 7)
Digital output: XLR 3-pin (4), ABS/EBU stereo pair, balance (via 1, 3, 5, and 7)
Analog input: XLR 3-pin (8), 600Ω/high impedance, selectable, balanced
Analog output: XLR 3-pin (8), less than 50Ω, balanced
Monitor input: XLR 3-pin, high impedance, balanced
Monitor output: XLR 3-pin, less than 50Ω, balanced
Multiplex input: XLR 3-pin, compressed digital audio, balanced
Multiplex output: XLR 3-pin, compressed digital audio, balanced
Headphone: Standard phone jack, mono signal

Note: The input connectors 1, 3, 5, and 7 are switchable between the analog and digital inputs.

Remote

Editor input: D-sub 9-pin
VTR output: D-sub 9-pin
GPI output: D-sub 9-pin

Reference

Video Ref In: BNC × 2, loop-through

