

BKM-244CC

HD/SDI Closed Caption Adaptor



BKM-244CC is a video signal input adaptor for Sony professional monitors, incorporating an SDI decoder, an SDI output, and a closed caption decoders for both SD-SDI and HD-SDI EIA standards.

- Decoder for serial digital component signals
- Serial digital input and output signal connector
- Closed caption decoders for EIA 608 and 708 standards

Technical Specifications

General

Voltage	+3.3 V, +5 V (supplied from the main unit)
Power consumption	Approx. 4 W

Operating conditions

Temperature	0°C to 35°C (32°F to 95°F)
Optimum temperature	20°C to 30°C (68°F to 86°F)
Humidity	0% to 90% (no condensation)
Pressure	700hPa to 1060 hPa

Storage and transport conditions

Temperature	-10°C to 40°C (14°F to 104°F)
Humidity	0% to 90%
Pressure	700 hPa to 1060 hPa
Maximum external dimensions (w/h/d)	100 × 20 × 162 mm (4 × 13/16 × 6 1/2 inches)
Mass	Approx. 250 g (9 oz)

Input/output connectors

Digital input	BNC × 2, with monitor output connector
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Signal characteristics

Digital component signals	Sampling frequency D1-SDI: Y/R-Y/B-Y: 13.5 MHz HD-SDI: Y/PB/PR: 74.25 MHz Quantization 10bits/sample
MONITOR OUT	Output signal amplitude: 800 mVp-p ± 10% Output impedance: 75 Ω unbalanced
Transmission distance	D1-SDI: 200 m (approx. 656 ft) max. (When using 5C-2V coaxial cables (Fujikura, Inc.) or equivalent.) HD-SDI: 100 m (approx. 328 ft) max. (When using 5C-FB coaxial cables (Fujikura, Inc.) or equivalent.)

Compatible Products

Broadcast & Reference Monitors



SRM-L560

56-inch Quad Full HD Reference LCD Monitor



BVM-E250

24.5-inch Full-HD Reference OLED Monitor



BVM-L231

23-inch Full-HD Reference LCD Monitor



BVM-E170

16.5-inch Full-HD Reference OLED Monitor

Production Monitors



LMD-4251TD

42-inch High Grade 3D LCD Monitor



LMD-2051W

20-inch High Grade Multi Format LCD Monitor



LMD-2451TD

24-inch High Grade 3D LCD Monitor



LMD-1751W

17-inch High Grade Multi Format LCD Professional Video Monitor



LMD-2451W

24-inch High Grade Multi Format LCD Monitor