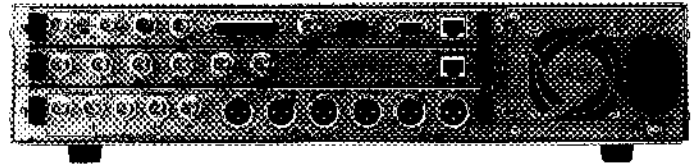
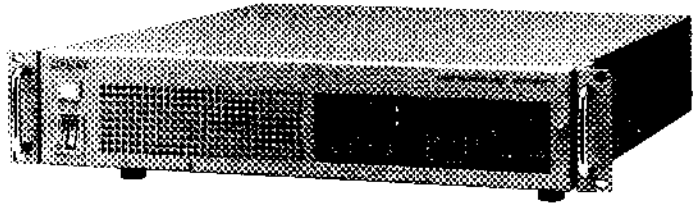


## MPEG Decoder Unit

•Fully compliant with MPEG2 4:2:2P@ML as well as MP@ML in standard. •The decoder inputs include, an L-band receiver with built-in QPSK demodulator, DVB-ASI, DVB-Parallel and SDTI (TS) •Control as a stand-alone unit is accomplished through front panel controls and/or remotely via the Ethernet port. •Video outputs include, SDI, analog composite and component •Audio outputs include, 4 AES/EBU digital, SDI embedded and Analog •Descrambler supports for DVB common and DES in option •Built-in frame synchronizer to synchronize the decoder output to house reference •Decodes VBI information such as VITC and Tele-Text •System control via Ethernet (10Base-T)

Accessories Supplied: Operation manual (1)  
Installation manual (1)  
Rack mount metals (2)

Optional function Boards:  
BDKP D1003, Descrambler Board (for DVB-common)  
BDKP D1004, Descrambler Board (for DES)



## Specifications:

### Input

Transport Stream: DVB-ASI/SDTI (BNC × 1, switchable)  
 IF: QPSK, L-band: 950 - 2150 MHz (BNC × 1)  
 Maximum input data rate: 190Mbps (Max. 54 Mbps per program)  
 Reference video: VS or VBS (BNC × 1, 75 Ω loop through)

### Transport Stream Output

DVB-ASI (BNC × 1)

### Video Decoding

Compression: MPEG2 MP@ML, 4:2:2P@ML, MPEG1  
 VBI: VITC/UB, Tele-Text

### Audio Decoding

Sampling frequency: 48, 44.1, 32kHz.  
 Compression: MPEG-1, Layer I & II  
 Modes: Stereo/Joint-stereo/Dual-channel/Single-channel  
 Linear PCM audio: Yes (with BDX-E1000)

### Analog Video Output

Formats: 525/60 or 625/50 (Component), NTSC or PAL (Composite)

Outputs: Composite: BNC (2), 75 Ω  
 Component: BNC (3), 75 Ω

Signal to noise ratio: > 56 dB (composite with BDX-E1000)

### Digital Video Output

Formats: 525/60 or 625/50 (D1-Component)  
 Outputs: SDI, BNC (2), 75 Ω

### Analog Audio Output

Number of channels: 4  
 Outputs: XLR (4)  
 Level: +4 dBm (Adjustable range: -20 dBm to +4 dBm)  
 Output Impedance: < 20 Ω  
 Frequency response: +0.6/-1.0 dB (20 Hz to 20 kHz)  
 Signal to noise: > 96 dB (1 kHz)  
 Monitor output: XLR (2) (L&R)

### Digital Audio Output

Number of channels: 4 (Expandable to 8 with BDKP-D1001)

External AES/EBU outputs: BNC (2), 75 Ω

Embedded AES/EBU output: SDI output

### Control I/F

System control: Ethernet (10Base-T)  
 Maintenance port: ISR

### General

Dimensions (W/H/D): 482 × 88 × 424 mm  
 (Approx.) (19 × 3 1/2 × 16 3/4 inches)  
 Mass (Approx.): 14 kg (30 lb 14 oz)  
 Operating temperature: 5°C to 40°C (41°F to 104°F)  
 Power requirements: 120/240 V  
 Power consumption: Max. 120 W