



Features

- 1x16 output HD-SDI active distribution
- VU Audio Level Meter
- Professional Signal Levels
- High Signal to Noise Ratio
- Compact Size (18"L x 13"W x 5"H)
- 4 each unbalanced line outs (RCA, 1/4" phone & 1/8" mini)
- 8 Balanced XLR audio outputs
- Jensen® Transformers throughout
- Active Electronics
- Extremely Rugged Aluminum Case
- Made in the USA

BM-AVSDI816 - Audio/Video Distribution

Provides 1x16 HD-SDI distribution with 1x8 plus 4 balanced Mic/Line switchable audio inputs and outputs. Active electronics. Jensen Transformers on all XLR outs for superior performance. Housed in a rugged Zero Aluminum case.

Portable design is perfect for remote set up or may be modified for permanent installation. The reliable and rugged distribution unit provides years of reliable service.

Also Available:

BM-AVSDI816SM – Surface mount version for use on non-penetrable vertical surface, w back box

BM-AVSDI816SFM – Flush mount unit, for recessed wall mounting. Supplied with back box & power supply

BM-AVSDI816SRM – Rack mountable version. Supplied with back box & power supply

SPECIFICATIONS:

GENERAL

Power: 110 VAC, 60 Hz
Dimensions: 18"L x 13"W x 5"H
Finish: Clear silver anodized finish

ANALOG AUDIO

Input: Mic/line switchable
Mic Input: -46dBu transformer balanced, 1.2k ohm, -72dBu sensitivity, 18VDC phantom
Line Input: +4dBu transformer balanced, 20k ohm, -20dBu sensitivity
Link Output: +4dBu transformer balanced, 600 ohm
Output: Mic/line switchable
Mic Output: -46dBu transformer balanced, 150 ohm
XL Line Output: +4dBu transformer balanced, 600 ohm, +23dBu clip
Unbalanced Line Output: -20dBV unbalanced, 600 ohm
Frequency Response: 20Hz – 20kHz, +0.5dB
THD: Less than .01%
Noise: 75 dB signal to noise
Output Isolation: 120dB mic to mic/line, 80dB line to mic/line

VIDEO

Input impedance: 75 ohms +/- 1%
Input return loss: > -15 dB at 1.5GBPS > -12 dB at 2.97GBPS
SDI HD DA Input level: 800mV P-P ±20%
AES/SPDIF DA Input level: 200mV - 8V P-P
Output impedance: 75 ohms +/-1%
Output return loss: > -15 dB at 1.5GBPS > -12 dB at 2.97GBPS
SDI HD DA Output level: 800mV P-P +/-5%
AES/SPDIF DA Output level: 1V P-P +/-5%
800mV P-P +/-5%: 350m for Belden type 1694A cable
HD cable equalization: 175m for Belden type 1694A cable at 1.5GBPS 100m for Belden type 1694A cable at 2.97GBPS
AES/SPDIF DA input cable: Up to 200m
SDI/HD DA Embedded audio: Clean pass through