



## 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