



FEATURES

- SDI-HD/SD or Analog Selectable Input Broadcast Press Mult
- 3Gb/s SDI technology
- Down-convert SDI to Analog A/V Output
- Up-convert Analog A/V signal to SDI Output
- Mic/line switchable balanced audio input
- 8/16 Transformer Isolated Stereo/Mono Audio Outputs
- Active Electronics
- VU Meters for signal monitoring
- XLR, 3.5MM or RCA audio output
- 6 Composite Video Outputs
- 7 + 1 SDI Outputs (1 Monitor Output)
- Link capable for additional output capability
- Made in the USA

Choose the **RCI Custom BM-AVSDI** Audio/Video Media Press Mult for broadcast or media applications where SDI HD/SD, or high quality analog audio and composite video distribution is required. The BM-AVSDI accepts both SDI and Analog audio and video signal, can up-convert or down convert as necessary for distribution. Perfect for sports venues, government, educational, TV and radio applications.

Unit may be used in Monaural or Stereo Audio mode. Analog audio section provides for Active Audio Electronics; inputs are balanced Mic/Line switchable with input level control and VU Metering. Audio outputs are balanced, switchable Mic or Line (-46dBu / +4dBu, XLR), and RCA or 3.5MM (-20dBu), and are isolated using Custom high performance Jensen® transformers.

The Video section features SDI and Analog input. Output is via seven SDI HD/SD video outputs with one monitor output, and six Analog video outputs at 1 Volt P-P, 75 ohms.

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. **Made in the USA.**



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BM-AVSDI

Audio/Video Media Press Mult

SDI1306-1

SPECIFICATIONS:

GENERAL

Power: 110 VAC, 60 Hz
Weight: 32 lbs.
Dimensions: 21"L x 16"W x 8.5"H
Finish: Black Powder Coat

ANALOG AUDIO

Input: Mono or Stereo, Mic/Line Switchable, XLR
Mic Input: Mono or Stereo, -46dBu transformer balanced, 1.2k ohm, -72dBu sensitivity
Line Input: Mono or Stereo, +4dBu transformer balanced, 20k ohm, -20dBu sensitivity
Link Output: Mono or Stereo, +4dBu transformer balanced, 600 ohm, XLR
Output: Mono or Stereo, Mic/Line switchable. 16 XLR, 8 Stereo Mini, 16 RCA
Mic Output: -46dBu transformer balanced, 150 ohms
Line Output: +4 dBu, transformer balanced, 600 ohms
UB Line Output: -20dBV, unbalanced 600 ohms
Frequency Response: 20Hz-20kHz, +/-0.5dB
THD: Less than .01%
Noise: 75dB signal to noise
Output Isolation: 120dB mic to mic/line, 80dB line to mic/line

VIDEO

Analog Video: 1 Volt, P-P. 75 ohms, 6 BNC
SDI-SD/HD: 3Gb/s SDI, compatible with HD-SDI and SD-SDI, 7 BNC (6 output, 1 monitor)
Reclocking: Yes
SDI Compliance: SMPTE 292M, SMPTE 259M, SMPTE 296M, ITU-R BT.656 and ITU-R BT.601.
SDI Video Rates: SDI video connections are switchable between standard def. and high def
SDI Video Sampling: 4:02:02
SDI Audio Sampling: Television standard sample rate of 48 kHz and 24 bit.
SDI Color Precision: 4:02:02

SDI Color Space: YUV
SDI Auto Switching: Automatically selects between SD SDI, HD-SDI and 3 Gb/s SDI.
SDI Form Support: 625/25 PAL, 525/29.97 NTSC, 1080PsF23.98, 1080PsF24, 1080PsF25, 1080i50, 1080i59.94, 1080i60, 720p50, 720p59.94 and 720p60
Analog Form Support: 625/25 PAL, 525/29.97 NTSC, 1080PsF23.98, 1080PsF24, 1080i50, 1080i59.94, 1080i60, 720p50, 720p59.94 and 720p60
Analog Color Space: YUV
Analog Color Precision: 4:02:02

A & E SPECIFICATIONS

The Broadcast Press Mult shall be the RCI Custom BM-AVSDI Audio Video Press Mult. Unit shall feature SDI/Analog Audio and Video input capability, and must be able to distribute both SDI/Analog Audio and Video. The unit shall accommodate both Stereo and Monaural Audio input signal with active level control, 8 stereo (or 16 mono) transformer isolated outputs, and both Analog and SDI-HD/SD digital video input. Unit must be capable of passing signal directly, or up-converting analog audio and analog composite video signal to 7+1 SDI signal. Unit must be capable of De-embedding SDI signal for separation and distribution to analog audio and video equipment (6 outputs). The unit shall provide Link Capability for additional output connectivity.