

AVM Series

Technical Specifications

"Audio Leads Video" Matrix Mixer/Video Switcher

Feature Focus

- Audio Crossfade, Video Switching
- Multiformat Video Compatible
- 250 MHz Vertical Interval Video Switching
- 64 User Presets
- Design and Installation PC Software
- RS232 Control

Audio Options: 8x8, 16x8, 24x8,
32x8, 8x16, 16x16
Video Options: 8C (8x8), 8YC (16x16),
8RGS (32x32), 8RGBHV (48x48)

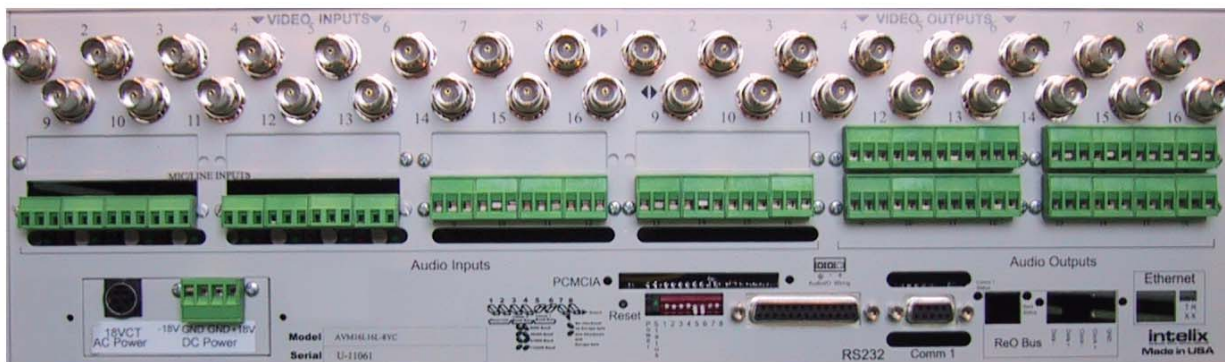
AVM is a one-box solution for audio and video sources.



The Intelix AVM is ideal for corporate A/V, boardroom, multimedia presentation, corporate training, and house of worship applications. Voltage controlled attenuators at each crosspoint smoothly crossfade audio, while vertical interval switching assures precise transitions of Genlocked video sources. The AVM is multiformat video compatible, including Composite, Y/C, RGB, RGS, and RGBHV sources.

Each unit includes one, factory installed 8-channel mic/line preamp card; additional mic/line cards may be installed.

For more information, please visit www.intelix.com or contact Intelix directly at 1-866-4-MATMIX.



AVM16L16L-8YC (3 RU) Rear Panel

Specifications

Audio

Frequency Response ± 5 dB from 20 Hz to 20 kHz
+0, -3 dB from 10 Hz to 30 kHz
VCA Control Range 100 dB (attenuation only)
Signal to Noise Ref +26 dBu = 100 dB
Crosstalk better than -80 dB

INPUTS

Input Impedance (electronically balanced) 20kOhms
(unbalanced) 10kOhms
Nominal Source Impedance 150 Ohms
Nominal Input Level +4 dBu RMS
Max Input Level +26 dBu RMS

Mic/Line 8 Input Card (included)

Frequency Response ± 5 dB from 20 Hz to 20 kHz
+0, -3 dB from 10 Hz to 30 kHz
Maximum Voltage Gain 60 dB
Signal to Noise Ref +26 dBu @ 54 dB sys gain
 ± 90 dB
Equivalent Input Noise -129 dB @ 50 Ohms 20 Hz to 20 kHz
Crosstalk better than -90 dB
Phantom Power +15 VDC
Input Impedance 3.5 kOhms
Input Gain/Trim Range 60 dB

Video

Bandwidth 250 MHz
Impedance (input/output) 75 Ohms
Levels 0.5 to 2.0 V
Connectors BNC Female
Crosstalk -79 dB @ 5 MHz

OUTPUTS

Output Impedance (electronically balanced) 440 Ohms
(unbalanced) 220 Ohms
Nominal Load Impedance 600 Ohms
Nominal Level +4 dBu RMS
Maximum Level (balanced) +26 dBu RMS
(unbalanced) +20 dBu RMS

Power Requirements 18 VAC Center-Tapped, 4.5 A,
(stock models) 85 VA, ± 19 VDC, 4.5 A

Dimensions 19" x 14" x 3.5"
(stock 2RU models) (48.2 cm x 8.9 cm x 35.6 cm)
Shipping Weight (average) 24 lb (10.9 kg)



www.intelix.com

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