

Hall Research VSM-A-8-16 8x16 VGA Video Matrix with Stereo Audio

The VSM-A-8-16 and its variations are the most compact high-end matrix switch for video and audio. The matrices are used for Cross-Point switching of both Video (up to 8) and Audio (up to 8) signals.

This matrix switch provides 16 video (and audio) outputs, each capable of independently displaying any of 8 inputs in any combination. Additionally, the outputs can be blanked out and/or muted. The VSM-A-8-16 can be used in TV broadcasting environments, multi-media conference halls, public facilities, large display projects, schools, courtrooms, and command & control centers.

This video matrix switch can be controlled in 2 ways: manually using the buttons on the front panel or through one or two serial RS-232 control ports

Features:

- Allows cross-point switching of PC or HD video and audio signals
- Multiple control methods including front panel, serial
- Switched output can be blanked (video) or muted (audio)
- Wide bandwidth to support PC resolutions to 1920x1200 or HD to 1080p
- Balanced stereo audio outputs allow interference free connections
- VU meter (sound level) bar graph display
- Battery-backed Real-time clock on all models with scheduling capability
- Monitors system voltage levels and temperature
- Alerts user with a blinking CHECK light if system faults are detected
- Built-in universal power supply
- Compact, Rugged, Reliable, and Economical
- Made in USA

Specifications:

Resolutions Supported: PC resolutions up to 1900x1200 @ 60 Hz & HDTV to 1080p

Video Level: -0.3v to 0.7v (1 V p-p) on RGB, 0 to 5v DC on Sync

Audio Inputs: Unbalanced Stereo on standard units

Audio Input Levels: 0 to +4dBu (0.78 to 1.23Vrms) line level

Audio outputs: Balanced Stereo on screw terminals

Audio output Levels: -10dBV or +4dBu (for models with Pro Audio)

Audio Bandwidth: 10 Hz to > 10 MHz (could pass through analog or digital S/PDIF audio sources)

Audio Gain Range: -24 dB to +6 dB on Pro units, fixed at 0 DB on std

Temperature: Operating: 32 to 122°F (0 to 50°C)

Storage: -40 to +185°F (-40 to +85°C)

Enclosure: Steel

MTBF: 90,000 hours (calculated estimate)

Power: 100VAC-240VAC 50/60Hz

Current: 24W max

Dimensions: 3.5" High x 19" Wide 12.78" Deep

Weight: 9.4 Lbs

Battery Type: CR2032 (3v Lithium)