Hall Research VSM-8-JR16 8x16 VGA Video Matrix Switch with Bi-directional RS232 over CAT5

The VSM-8-JR16 and its variations are the most compact high-end matrix switch for video and audio. The matrices are used for Cross-Point switching of Video (up to 8) and RS232 signals.

This matrix switch provides 16 video outputs on UTP (CATx), each capable of independently displaying any of 8 inputs with Bi-directional RS-232 in any combination. Additionally, the outputs can be blanked out and/or muted. The VSM-8-JR16 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
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)