



VS-162AVM

16x16 Composite Video & Balanced Stereo Audio Matrix Switcher with Preview Monitor



The **VS-162AVM** is a high-performance matrix switcher for composite video and balanced stereo audio signals. Switching during the vertical interval ensures glitch-free switching with genlocked sources.



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FEATURES

- **Bandwidth** - 90MHz (-3dB) fully loaded.
- **Input & Outputs** - Video on BNC connectors; audio on detachable terminal block connectors.
- **Looping Sync Input.**
- **Output Monitoring** - A built-in 3.5-inch LCD display and audio headphone output with volume control conveniently monitor the video and audio of any channel before and after switching.
- **Take Button** - Executes multiple switches all at once.
- **Memory Locations** - Stores multiple switches as presets to be recalled and executed when needed.
- **Audio Breakaway Switching.**
- **Control** - Front panel, RS-232 (K-Router™ Windows®-based Kramer software is included), RS-485, contact closure, & IR remote (included).
- **Vertical Interval Switching** - Synchronizes either to external reference or the incoming video in compliance with SMPTE RP-168.
- **Selectable Sync Signal Termination.**
- **Worldwide Power Supply** - 100-240V AC.
- **Standard 19" Rack Mount Size** - 2U. Rack "ears" included.

TECHNICAL SPECIFICATIONS

INPUT:	Video: 16 composite video, 1Vpp/75Ω on BNC connectors; Audio: 16 balanced audio 10kΩ on detachable terminal block connectors.
OUTPUTS:	Video: 16 composite video 1Vpp/75Ω on BNC connectors; Audio: 16 balanced audio 50Ω on detachable terminal block connectors.
BANDWIDTH (-3dB):	Video: 90 MHz; Audio: >100 kHz.
DIFF. GAIN:	<0.18%.
DIFF. PHASE:	0.04Deg.
K-FACTOR:	0.05%.
S/N RATIO:	Video: 76.1dB; Audio: 82.2dB, unweighted, RL=10kΩ.
CROSSTALK:	Video: <-46dB @5MHz; Audio: -80dB @1kHz.
CONTROL:	41 selector switches; RS-232, RS-485, IR remote, dry keyboard extension, 3.5" LCD preview display, 1/4" headphone output with volume dial.
COUPLING:	Video: DC; audio: AC.
AUDIO THD + NOISE:	0.04% @1kHz.
AUDIO 2nd HARMONIC:	0.002%.
POWER SOURCE:	115–230V AC, 50/60 Hz, 14VA.
DIMENSIONS:	19" x 7" x 2U W, D, H, rack mountable.
WEIGHT:	3.7kg (8.2lbs) approx.
ACCESSORIES:	Power cord, null-modem adapter, Windows®-based Kramer control software, rack "ears".