



## VS-162AV

16x16 Composite Video & Balanced Stereo Audio Matrix Switcher



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

### FEATURES

- **Bandwidth** - 90MHz (-3dB) fully loaded.
- **Input & Outputs** - Video on BNC; audio on detachable terminal block connectors.
- **Control** - Front panel, RS-232 (K-Router™ Windows®-based Kramer software is included), RS-485, contact closure, & IR remote (included).
- **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.**
- **Vertical Interval Switching.**
- **Switching Synchronization** - Synchronizes either to external reference or the incoming video.
- **Looping Sync Input.**
- **Selectable Sync Signal Termination.**
- **Standard 19" Rack Mount Size** - 2U.



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### TECHNICAL SPECIFICATIONS

INPUTS:	Video: 16 composite video, 1Vpp/75Ω on BNC connectors; Audio: 16 balanced stereo audio 10kΩ on detachable terminal block connectors.
OUTPUTS:	Video: 16 composite video 1Vpp/75Ω on BNC connectors; Audio: 16 balanced stereo audio 50Ω on detachable terminal block connectors.
BANDWIDTH (-3dB):	90MHz.
DIFF. GAIN:	0.01%.
DIFF. PHASE:	0.01Deg.
K-FACTOR:	0.05%.
S/N RATIO:	Video: 70.2dB; audio: 82.2dB.
CROSSTALK:	Video: <-52dB @5MHz; audio: -80dB @1kHz.
COUPLING:	Video: DC; audio: AC.
AUDIO THD + NOISE:	0.04% @1kHz.
AUDIO 2nd HARMONIC:	0.002%.
CONTROL:	41 front panel buttons; RS-232, RS-485, IR remote, dry keyboard extension.
INDICATORS:	2 multiple-character front panel displays.
POWER SOURCE:	100-240V AC, 50/60Hz; 31VA (400mA maximum).
DIMENSIONS:	19" x 7" x 2U W, D, H, rack mountable.
WEIGHT:	3.7kg (8.2lbs) approx.
INCLUDED ACCESSORIES:	Power cord, null-modem adapter, Windows®-based Kramer control software.

