

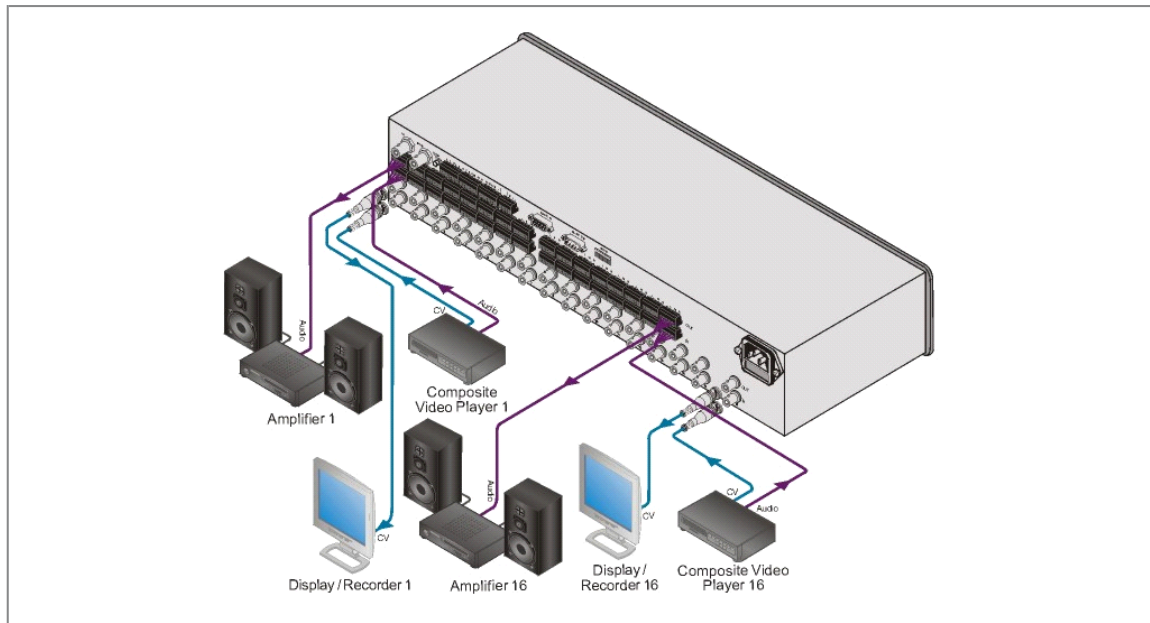


## VS-162AV

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.





## VS-162AV

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### FEATURES

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- **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.**

### TECHNICAL SPECIFICATIONS

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<b>INPUTS:</b>	Video: 16 composite video, 1Vpp/75Ω on BNC connectors; Audio: 16 balanced stereo audio 10kΩ on detachable terminal block connectors.
<b>OUTPUTS:</b>	Video: 16 composite video 1Vpp/75Ω on BNC connectors; Audio: 16 balanced stereo audio 50Ω on detachable terminal block connectors.
<b>BANDWIDTH (-3dB):</b>	90MHz.
<b>DIFF. GAIN:</b>	0.01%.
<b>DIFF. PHASE:</b>	0.01Deg.
<b>K-FACTOR:</b>	0.05%.
<b>S/N RATIO:</b>	Video: 70.2dB; audio: 82.2dB.
<b>CROSSTALK:</b>	Video: <-52dB @5MHz; audio: -80dB @1kHz.
<b>CONTROL:</b>	41 front panel buttons; RS-232, RS-485, IR remote, dry keyboard extension.
<b>COUPLING:</b>	Video: DC; audio: AC.
<b>AUDIO THD + NOISE:</b>	0.04% @1kHz.
<b>AUDIO 2nd HARMONIC:</b>	0.002%.
<b>POWER SOURCE:</b>	230V AC, 50/60Hz, (115V AC, USA) 10VA.
<b>DIMENSIONS:</b>	19" x 7" x 2U W, D, H, rack mountable.
<b>WEIGHT:</b>	3.7kg (8.2lbs) approx.
<b>ACCESSORIES:</b>	Power cord, null-modem adapter, Windows®-based Kramer control software.