

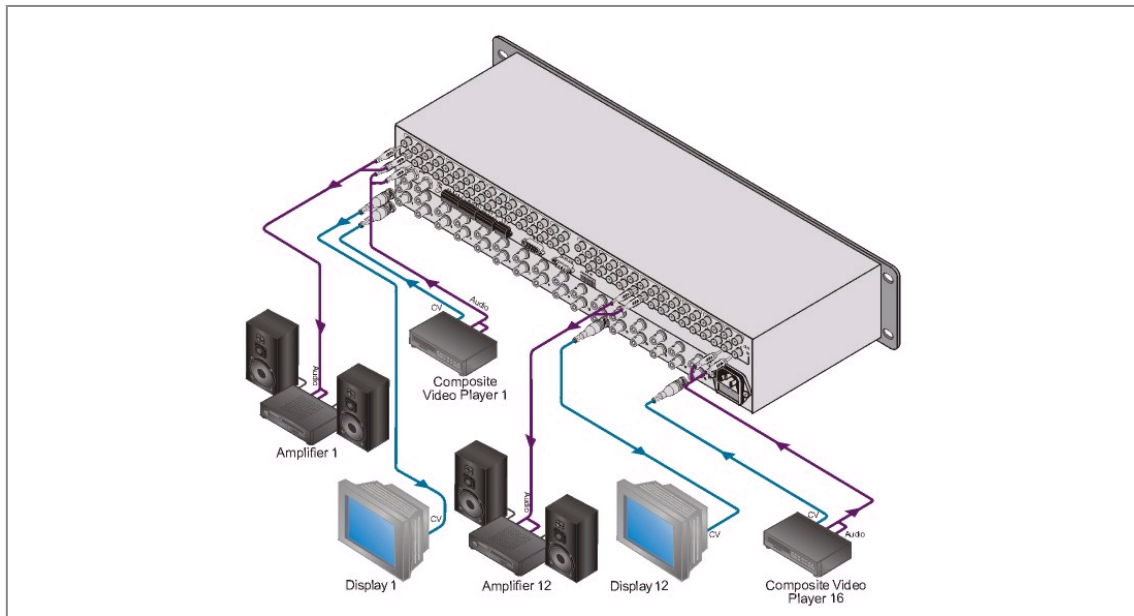


## VS-162AVRCA

16x16 Composite Video & Stereo Audio Matrix Switcher



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





## VS-162AVRCA

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### FEATURES

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- **Bandwidth** - 90MHz (-3dB) fully loaded.
- **Input/Output** - Video on BNC; audio on detachable terminal block connectors (VS-162AV) or on RCA connectors (VS-162AVRCA).
- **Flexible Control Options** - Front panel, RS-232 (included K-Router Windows® Software), & RS-485, contact closure, & IR remote (included).
- **Convenient Take Button** - Execute multiple switches all at once.
- **Multiple Memory Locations** - Store multiple switches as presets (salvos) to be recalled and executed when needed.
- **Audio Breakaway Switching**
- **Vertical Interval Switching**
- **Switching Synchronization** - Synchronize either to external reference or the incoming video.
- **Looping Sync Input**
- **Selectable Sync Signal Termination**
- **Standard 19" Rack Mount Size** - 2RU

### TECHNICAL SPECIFICATIONS

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<b>INPUTS:</b>	VIDEO: 16 composite video 1 Vpp / 75 Ω on BNC connectors AUDIO: 16 balanced audio 10k Ω on detachable terminal block connectors (VS-162AV) / 16 unbalanced audio on RCA connectors (VS-162AVRCA)
<b>OUTPUTS:</b>	VIDEO: 16 composite video 1 Vpp / 75 Ω on BNC connectors AUDIO: 16 balanced audio 50 Ω on detachable terminal block connectors (VS-162AV) / 16 unbalanced audio on RCA connectors (VS-162AVRCA)
<b>MAX. OUTPUT LEVEL:</b>	VIDEO: 2.2 Vpp AUDIO: 20dBm
<b>BANDWIDTH (-3dB):</b>	VIDEO: 90 MHz -3dB AUDIO: >100 kHz.
<b>DIFF. GAIN:</b>	<0.18%
<b>DIFF. PHASE:</b>	0.4 Deg.
<b>K-FACTOR:</b>	<0.05%
<b>S/N RATIO:</b>	VIDEO: 76.1dB AUDIO: 82.2dB, unweighted, RL = 10k Ω
<b>CROSSTALK (all hostile):</b>	VIDEO: <-46dB @ 5MHz AUDIO: -80dB @ 1kHz.
<b>CONTROLS:</b>	41 selector switches; 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>	230 VAC, 50/60 Hz, (115VAC, U.S.A.) 14VA
<b>DIMENSIONS:</b>	19-inch (W), 7-inch (D) 2U (H) rack-mountable
<b>WEIGHT:</b>	3.7 kg (8.2 lbs.) approx
<b>ACCESSORIES:</b>	Power cord, Null modem adapter, Windows®-based Kramer control software