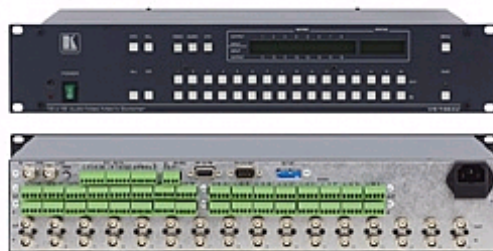


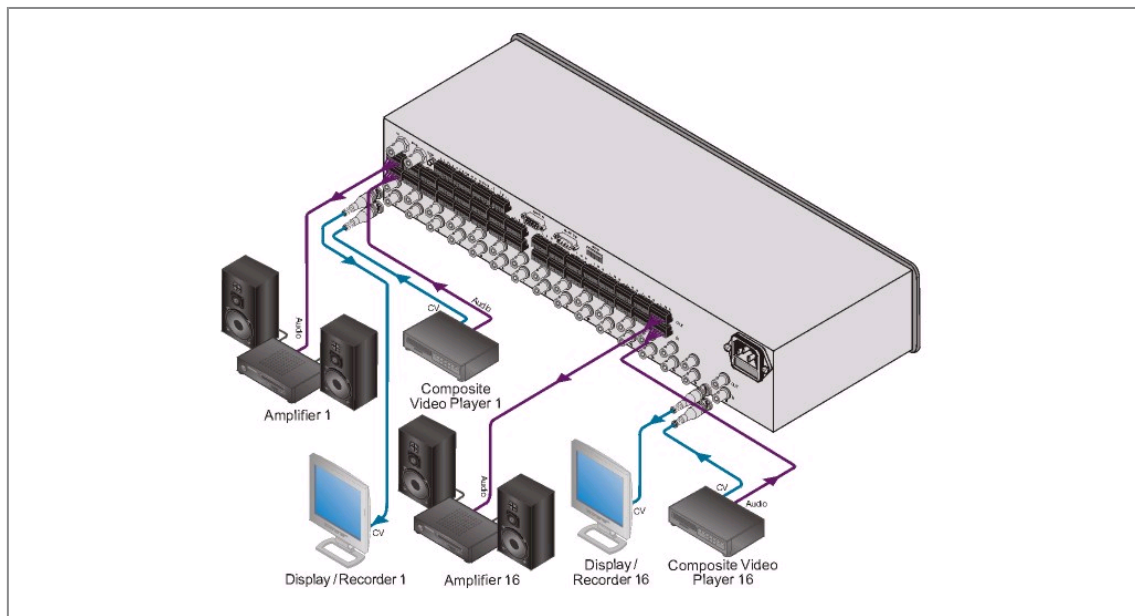


VS-162AV

16x16 Audio Video Matrix Switcher



The **VS-162AV** 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.





VS-162AV

FEATURES

- **Bandwidth** - 90MHz (- 3dB) fully loaded.
- **Input & Outputs** - Video on BNC; audio on detachable terminal block connectors (VS-162AV) or on RCA connectors (VS-162AVRCA).
- **Control** - Front panel, RS-232 (K-Router™ Window® - based software is included), & RS-485, contact closure, & IR remote (included).
- **Take Button** - Execute multiple switches all at once.
- **Memory Locations** - Store multiple switches as presets 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 - 2U.**

TECHNICAL SPECIFICATIONS

INPUTS:	Video: 16 composite video, or 8 s-Video, or 4 RGBS, or 5 YUV, 1 Vpp / 75Ω on BNC connectors. Audio: 16 balanced audio 10kΩ on detachable terminal block connectors
OUTPUTS:	Video: 16 composite video, or 8 s-Video, or 4 RGBS, or 5 YUV, 1 Vpp / Ω on BNC connectors. Audio: 16 balanced audio 50W on detachable terminal block connectors.
BANDWIDTH (-3dB):	Video: 100 MHz -3dB; Audio: 100 kHz
DIFF. GAIN:	<0.01%
DIFF. PHASE:	<0.01 Deg.
K-FACTOR:	<0.05%
S/N RATIO:	Video: 70.2 dB; Audio: 82.2dB, unweighted, RL = 10kW
CROSSTALK:	Video: <-52 dB @ 5MHz; Audio: -80dB @ 1kHz
CONTROLS:	41 selector switches; RS-232, RS-485, IR remote, dry keyboard extension
COUPLING:	Video: DC; Audio: AC
AUDIO THD + NOISE:	0.04% @ 1kHz
AUDIO 2nd HARMONIC:	0.002%
DIMENSIONS:	19-inch (W), 7-inch (D) 2U (H) rack-mountable
POWER SOURCE:	230 VAC, 50/60 Hz, (115VAC, U.S.A.) 10VA
WEIGHT:	3.7 kg (8.2 lbs.) approx.
ACCESSORIES:	Power cord, Null modem adapter, Windows 95/98/NT/2000™ Kramer control software