VS-162AV
16x16 Composite Video & Balanced Stereo Audio Matrix Switcher

BAL | CV | RS-232 | RS-485 | REMOTE
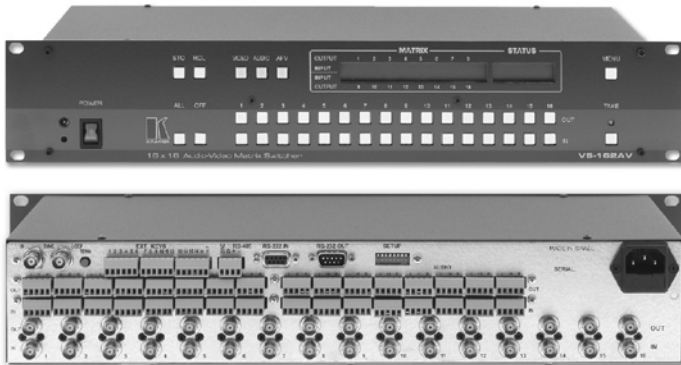
The **VS-162AV** is a high performance matrix switcher for composite video and balanced stereo audio signals. Switching during the vertical interval ensures glitch-free switching with genlocked sources.

FEATURES

- **Bandwidth** - 90MHz (- 3dB) fully loaded.
- **Control** - Front panel, RS-232 (K-Router™ Windows® - 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.
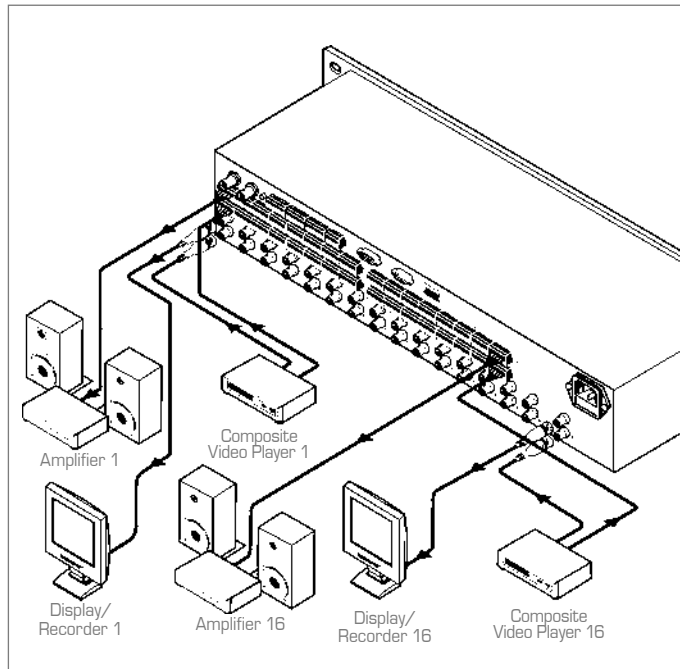
TECHNICAL SPECIFICATIONS

INPUTS:	Video: 16 composite video, 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):	90MHz.
DIFF. GAIN:	0.01%.
DIFF. PHASE:	0.01 Deg.
K-FACTOR:	< 0.05%.
S/N RATIO:	Video: 70.2dB; audio: 82.2dB, unweighted.
CROSSTALK:	Video: < - 52dB @ 5MHz; audio: - 80dB @ 1kHz.
CONTROL:	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%.
POWER SOURCE:	230VAC, 50/60Hz, (115VAC, U.S.A.) 10VA.
DIMENSIONS:	19 inch (W), 7-inch (D) 2U (H) rack-mountable.
WEIGHT:	3.7kg. (8.2lbs.) approx.
ACCESSORIES:	Power cord, Null modem adapter, Windows 95/98/NT/2000™ Kramer control software.

KRAMER ELECTRONICS, Ltd