VS-162AVRCA

16x16 Composite Video & Stereo Audio Matrix Switcher

| CV | SYNC | STEREO | RS-232 | RS-485 | REMOTE | INFRA RED |

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

FEATURES

- **Bandwidth** - 90MHz (−3dB) fully loaded.
- **Input/Output** - Video on BNC; audio on RCA connectors.
- **Flexible Control Options** - Front panel, RS−232 (included K−Router Windows® Software), & RS−485, contact closure, & IR remote (included).
- **Convenient Take Button** - Executes multiple switches all at once.
- **Multiple Memory Locations** - Stores multiple switches as presets (salvos) 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

INPUT:	Video: 16 composite video, 1Vpp/75Ω on BNC connectors; Audio: 16 unbalanced audio on RCA connectors.
OUTPUT:	Video: 16 composite video 1Vpp/75Ω on BNC connectors; Audio: 16 unbalanced audio on RCA connectors.
MAX. OUTPUT LEVEL:	Video: 2.2Vpp; Audio: 20dBu.
BANDWIDTH (-3dB):	Video: 90MHz −3dB; Audio: >100kHz.
DIFF. GAIN:	<0.18%.
DIFF. PHASE:	0.4Deg.
K-FACTOR:	<0.05%.
S/N RATIO:	Video: 76.1dB; Audio: 82.2dB, unweighted, RL = 10kΩ.
CROSSTALK (all hostile):	Video: <−46dB @5MHz; Audio: −80dB @1kHz.
COUPLING:	Video: DC; Audio: AC.
AUDIO THD + NOISE:	0.04% @1kHz.
AUDIO 2nd HARMONIC:	0.002%.
CONTROLS:	41 selector switches; RS−232, RS−485, IR remote, dry keyboard extension.
INDICATORS:	2 multiple−character front panel displays.
POWER SOURCE:	230V AC, 50/60Hz, (115V AC, USA) 14VA.
DIMENSIONS:	19" x 7" x 2U W, D, H, rack mountable.
WEIGHT:	3.7kg (8.2lbs) approx.
ACCESSORIES:	Power cord, null−modem adapter, Windows®−based Kramer control software.