# VS-626/VS-824/VS-828
## 6x6, 8x4, 8x8 Composite Video & Stereo Audio Matrix Switcher
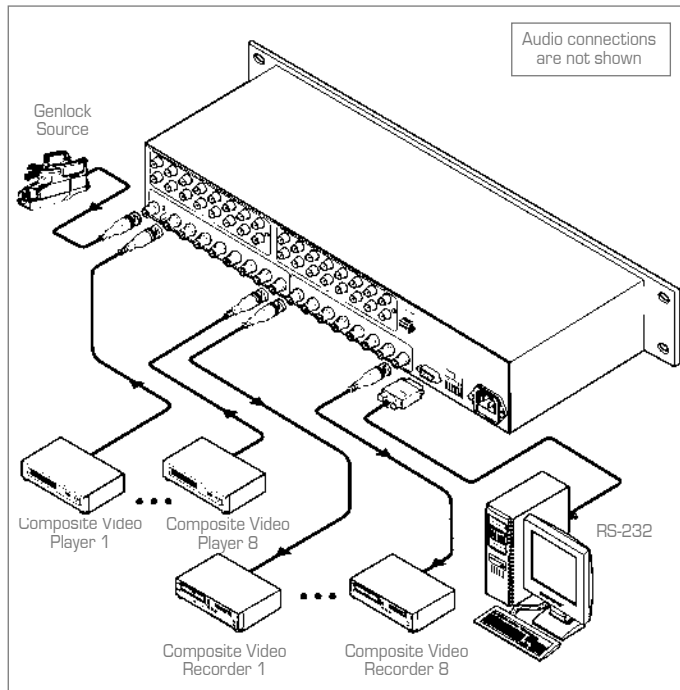
**NEW**

**CV**  **AUDIO**  **RS-485**  **RS-232**

The **VS-626**, **VS-824**, and **VS-828** are high performance matrix switchers for composite video and unbalanced stereo audio signals. Switching during the vertical interval ensures glitch-free switching with genlocked sources.

## FEATURES

- **Bandwidth** - 100MHz (- 3dB) fully loaded.
- **Control** - Front panel, RS-232 (K-Router™ Windows®-based Software is included), & RS-485.
- **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.
- **Selectable Sync Signal Termination.**
- **Standard 19" Rack Mount Size** - 2U.



Audio connections are not shown

Genlock Source

Composite Video Player 1

Composite Video Player 8

Composite Video Recorder 1

Composite Video Recorder 8

RS-232

## TECHNICAL SPECIFICATIONS

| | |
|---|---|
| INPUTS: | 8 (6) composite video 1Vpp/75Ω on BNC connectors. 1 sync/video genlock with sync select switch. 8/6 audio stereo up to + 4dBm/62kΩ on RCA connectors. |
| OUTPUTS: | 8/6/4 composite video 1Vpp/75Ω on BNC connectors. 8/6/4 audio stereo + 4dBm/50Ω on RCA connectors. |
| MAX. OUTPUT LEVEL: | Video: 2Vpp. Audio: +/- 20Vpp. |
| BANDWIDTH (-3dB): | Video: 100MHz. Audio: 100kHz |
| DIFF. GAIN: | 0.05% |
| DIFF. PHASE: | 0.03 Deg. |
| K-FACTOR: | < 0.05% |
| VIDEO S/N RATIO: | 74dB. |
| AUDIO S/N RATIO: | 88 dB unweighted (1Vpp) |
| CROSSTALK (all hostile): | Video: – 50dB @ 5MHz. Audio: – 71.4dB@1kHz. |
| CONTROLS: | Manual, RS-232 or RS-485. |
| VIDEO COUPLING: | DC. |
| AUDIO COUPLING: | AC. |
| AUDIO THD + NOISE: | 0.016% (1V, 1kHz). |
| AUDIO 2nd HARMONIC: | 0.012%. |
| POWER SOURCE: | 230VAC, 50/60Hz (115VAC, USA), 17VA. |
| DIMENSIONS: | 19 inch (W), 7 inch (D), 2U (H) rack mountable. |
| WEIGHT: | 3.4kg. (7.5lbs.) approx. |
| ACCESSORIES: | Power cord, Null modem adapter, Windows®-based control software. |

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