



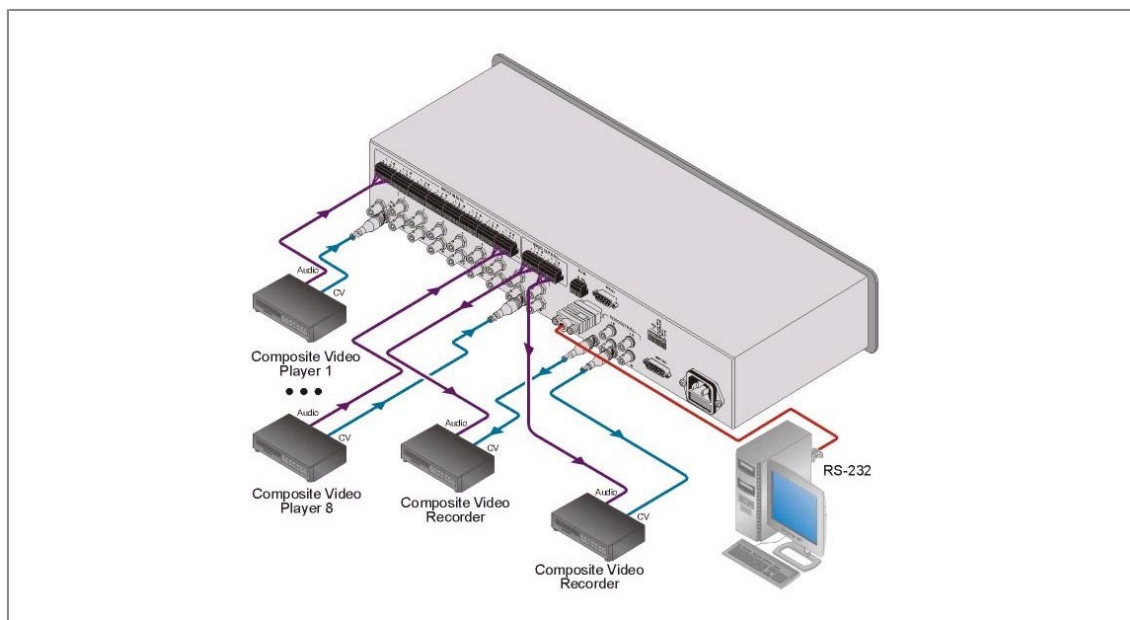
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VS-802xl

8x2:2 Composite Video & Balanced Stereo Audio Matrix Switcher



The VS-802xl 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.





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FEATURES

- High Bandwidth - 300MHz (-3dB) fully loaded.
- Level (Gain) and EQ (Peaking) Controls - Each output.
- Looping Input.
- Selectable Input Signal Termination.
- Video Outputs - 1:2 DAs.
- Control - Front panel, RS-232 (K-R o u t e r TM Windows®-based software is included), RS-485, contact closure & IR remote (included).
- Front Panel Control Lockout.
- Take Button - Executes multiple switches all at once.
- Memory Locations - Stores multiple switches as presets (salvos) for recall and execution as needed.
- Audio Breakaway Switching.
- Vertical Interval Switching.
- Switching Synchronization - Synchronizes either to external reference or the incoming video.
- Selectable Sync Signal Termination.
- Standard 19" Rack Mount Size - 2U. Rack "ears" included.

TECHNICAL SPECIFICATIONS

INPUT:	8 composite video with loop, 1 sync $-1V_{pp}/75\Omega$ on BNC connectors with sync select switch; 8 balanced audio stereo, $+4dBu/33k\Omega$ on detachable terminal blocks.
OUTPUT:	2 x 2 composite video, $-1V_{pp}/75\Omega$ on BNC connectors; 2 balanced audio stereo, $+4dBu/50\Omega$ on detachable terminal blocks.
MAX. OUTPUT LEVEL:	Video: $2V_{pp}/75\Omega$; Audio: 20Vpp max.
BANDWIDTH (-3dB):	300MHz; 100kHz (audio).
DIFF. GAIN:	0.07%.
DIFF. PHASE:	0.02Deg.
K-FACTOR:	0.05%.
S/N RATIO:	Video: 75dB; Audio: 82dB unweighted @1Vpp.
CROSSTALK:	Video: $-67dB @5MHz$; audio: $-97dB @1kHz$.
CONTROL:	21 illuminated front-panel touch switches, RS-232, RS-485, IR remote.
COUPLING:	Video: DC; audio: AC.
AUDIO THD:	0.024%.
AUDIO 2nd HARMONIC:	0.002%.
POWER SOURCE:	100-240V AC, 50/60Hz, 40VA.
DIMENSIONS:	19" x 7" x 2U W, D, H, rack mountable.
WEIGHT:	3.9kg (8.6lbs) approx.
ACCESSORIES:	Power cord, PC control software, IR remote.