



KRAMER

VS-602xl

6x2:2 Composite Video & Balanced Stereo
Audio Matrix Switcher



The VS-602xl 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

- 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, contact closure, RS-232 (K-Router™ Windows®-based software is included) & RS-485
- 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 - 1U. Rack "ears" included



TECHNICAL SPECIFICATIONS

INPUT:	6 composite video with loop, 1 sync $-1V_{pp}/75\Omega$ on BNC connectors with sync select switch; 6 balanced audio stereo, $+4dBu/33\text{ k}\Omega$ on detachable terminal blocks
OUTPUTS:	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:	0.03%
DIFF. PHASE:	0.01Deg
K-FACTOR:	0.05%
S/N RATIO:	Video: 75dB; Audio: 82dB unweighted @1Vpp
CROSSTALK:	Video: $-67dB$ @5MHz; audio: $-97dB$ @1kHz
CONTROLS:	17 illuminated front-panel touch switches, RS-232, RS-485
COUPLING:	Video: DC; audio: AC
AUDIO THD:	0.024%
AUDIO 2nd HARMONIC:	0.002%
POWER CONSUMPTION:	100-240V AC, 50/60Hz, 40VA
INCLUDED ACCESSORIES:	Power cord, PC control software

