

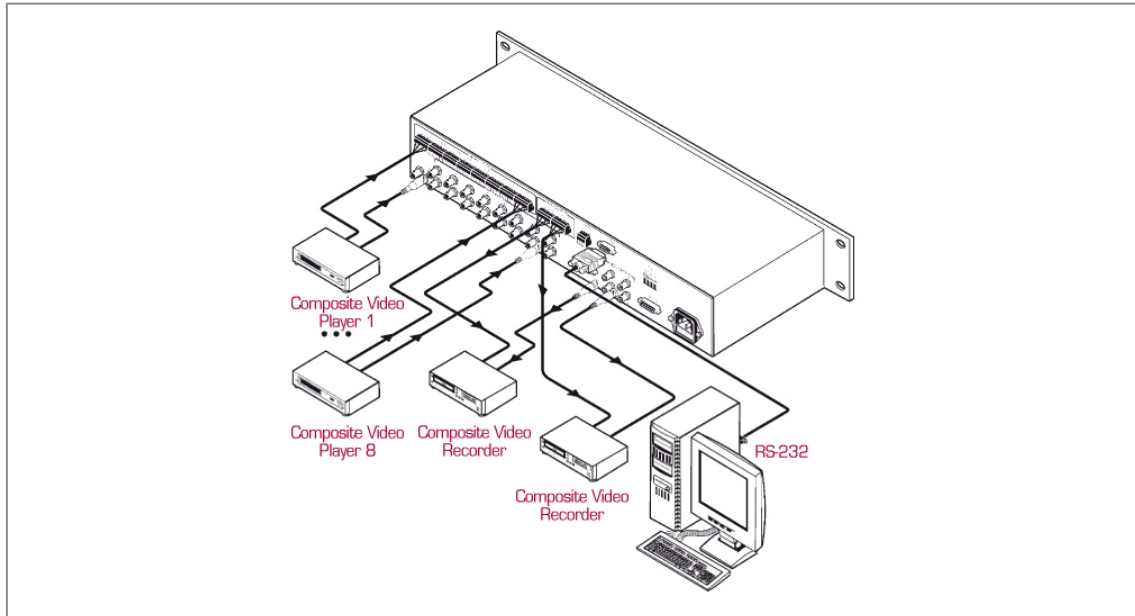


## VS-602xl

### Video/Audio Matrix Switchers



The VS-402xl, VS-602xl, and VS-802xl are high performance matrix switchers for composite video and balanced stereo audio signals. Switching during the vertical interval ensures glitch-free switching with genlocked sources.





## VS-602xl

### FEATURES

- High Bandwidth - 300MHz (- 3dB) fully loaded.
- Level (Gain) and EQ (Peaking) Controls - each output.
- Looping Inputs.
- Selectable Input Signal Termination.
- Video Outputs - 1:2 DAs.
- Control - Front panel, RS-232 (included KRouter™ Window® - based software is included), &RS-485 (VS-802xl includes IR Remote).
- Front Panel Control Lockout.
- Take Button - Execute multiple switches all at once.
- Memory Locations - Store multiple switches as presets (salvos) 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 - 1U (VS-802xl: 2U).

### TECHNICAL SPECIFICATIONS

INPUTS:	8, 6,4 composite video with loop, 1 x Sync – 1Vpp/75 Ω on BNCs with sync select with 8, 6,4 balanced audio stereo, +4dBm/33 kΩ on detachable terminal blocks.
OUTPUTS:	2x2 composite video -1Vpp/75 Ω on BNCs 2 balanced audio stereo, +4dBm/50 Ω on detachable terminal blocks.
MAX. OUTPUT LEVEL:	Video: 2Vpp/75 Ω, Audio: 24Vpp max (VS-802xl: 20Vpp)
BANDWIDTH (-3dB):	300MHz (video), (VS-802xl: 386 MHz); 100kHz (audio)
DIFF. GAIN:	<0.03% (VS-802xl: 0.07%)
DIFF. PHASE:	<0.01 Deg (VS-802xl: <0.02 deg.)
K-FACTOR:	<0.05%
S/N RATIO:	Video: 77dB, (VS-802xl: 75 dB); Audio: 82dB unweighted, (@1Vpp)
CROSSTALK:	Video: -67dB @ 5MHz; Audio: -97dB @ 1kHz
CONTROLS:	21, 17, 13 illuminated front-panel touch switches, RS-232, RS-485
COUPLING:	Video: DC; Audio: AC
AUDIO THD:	<0.024%
AUDIO 2nd HARMONIC:	<0.002%
DIMENSIONS:	19 inch (W), 7 inch (D), 1U (H, VS-802xl: 2U) rack mountable
POWER SOURCE:	Universal, 100/120-200/240VAC, 47-63 Hz, 40W max
WEIGHT:	2.7kg (6 lbs.); (VS-802xl: 3.9 kg, 8.6 lbs) approx.
ACCESSORIES:	Power cord, PC control software