VS-4x4YCxl

4x4 s Video Audio Matrix Switcher

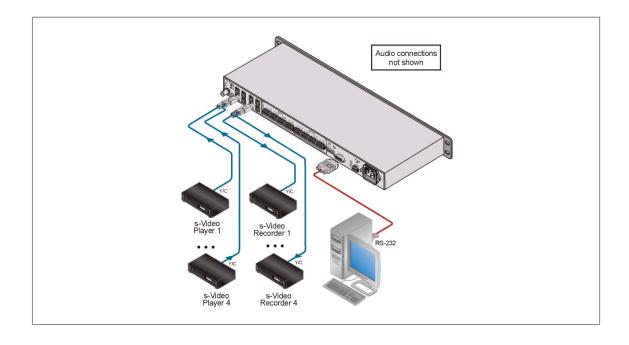| BAL	INFRA RED	RS-232	RS-485	YC	SYNC

The VS-4x4YCxl is a high performance matrix switcher for s-Video (Y/C) and balanced stereo audio signals. Switching during the vertical interval ensures glitch-free switching with genlocked sources.

Audio connections not shown

s-Video Player 1

s-Video Recorder 1

RS-232

s-Video Player 4

s-Video Recorder 4

VS-4x4YCxl

FEATURES

- **Bandwidth (Y)** - 75MHz (- 3dB) fully loaded.
- **Control** - Front panel, RS-232 (included K-Router™ Windows® - based software is included), &RS-485, IR Remote (included).
- **Front Panel Control Lockout.**
- **Take Button** - Execute multiple switches all atonce.
- **Memory Locations** - Store multiple switchesas presets (salvos) to be recalled and executedwhen needed.
- **Audio Gain Level Controls** - Input and outputvia RS-232.
- **Audio Breakaway Switching.**
- **Vertical Interval Switching.**
- **Switching Synchronization** - Synchronizeeither to external reference or the incomingvideo.
- **Selectable Sync Signal Termination.**
- **Worldwide Power Supply** - 100-240V AC.
- **Standard 19" Rack Mount Size** - 1U.

TECHNICAL SPECIFICATIONS

INPUTS:	4 s-Video, 1 Vpp/75Ω (Y), 0.3Vpp/75Ω (C) on 4 connectors 4 balanced stereo audio, +4dBm/25kΩ on detachable terminal blocks
OUTPUTS:	4 s-Video, 1 Vpp/75Ω (Y), 0.3Vpp/75Ω (C) on 4 connectors 4 balanced stereo audio, +4dBm/47Ω on detachable terminal blocks
MAX. OUTPUT LEVEL:	VIDEO: 2.5Vpp | AUDIO: +19dBm
BANDWIDTH (-3dB):	VIDEO: 75MHz, Fully Loaded | AUDIO: 28kHz
DIFF. GAIN:	<0.02%
DIFF. PHASE:	<0.02 Deg
K-FACTOR:	<0.05%
S/N RATIO:	VIDEO: 82dB | AUDIO: 74dB
CROSSTALK (all hostile):	VIDEO: -61dB @ 5MHz | AUDIO: -70dB @ 20kHz
CONTROLS:	Audio gain level control by K Router software, –91dB to +26dB
COUPLING:	VIDEO: DC | AUDIO: DC at input, AC at output
AUDIO THD + NOISE:	0.081%
AUDIO 2nd HARMONIC:	0.044%
POWER SOURCE:	100 240 VAC, 50/60 Hz; 90mA switching power supply
DIMENSIONS:	19-inch (W), 7-inch (D) 1U (H) rack-mountable
WEIGHT:	2.7 kg (6 lbs.) approx.
ACCESSORIES:	Power cord, Null modem adapter, Windows® based Kramer control software, Infra-red remote control transmitter