VS-1604YC
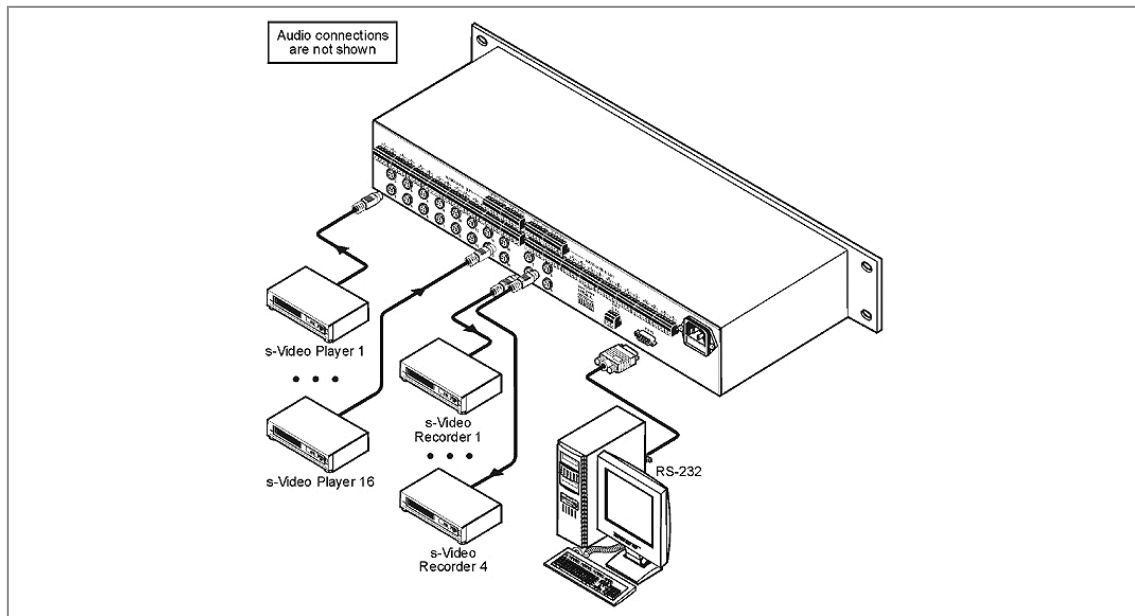
16x4 YC / Balanced Audio Matrix

The VS-1604YC is a high performance matrix switcher for s-Video (Y/C) and unbalanced stereo audio signals. Switching during the vertical interval ensures glitch-free switching with genlocked sources.

VS-1604YC

FEATURES

- **Bandwidth (Y)** - 185MHz (- 3dB) fully loaded.
- **Control** - Front panel & RS-232 (K-Router™ Windows® - based software is included).
- **Take Button** - Execute multiple switches all at once.
- **Memory Locations** - Store multiple switchesas presets to be recalled and executed whenneeded.
- **Audio Breakaway Switching.**
- **Vertical Interval Switching.**
- **Standard 19" Rack Mount Size** - 2U.

TECHNICAL SPECIFICATIONS

CONTROLS:	28 front panel control buttons, RS-232, RS-485
COUPLING:	DC for "Y" channel, AC for "C" channel, AC for audio
AUDIO THD + NOISE:	<0.021%
AUDIO 2nd HARMONIC:	<0.004%
POWER SOURCE:	230 VAC, 50/60 Hz, (115 VAC U.S.A.) 17 VA.
DIMENSIONS:	19-inch (W), 7-inch (D), 2U (H) rack mountable
WEIGHT:	3.4 kg (7.5 lbs.) approx.
ACCESSORIES:	Power cord, Windows™ control software, Null modem adapter
INPUTS:	16 Y/C, Y=1Vpp/75 Ω, C=0.3Vpp/75 Ω on4P connectors. 16 Balanced stereo audio +4dBm typ. /47kΩ on detachable terminal blocks.
OUTPUTS:	4 Y/C, Y=1Vpp/75 Ω, C=0.3Vpp/75 Ω on4P connectors 4 Balanced stereo audio +4dBm typ. / 50 Ω. on detachable terminal blocks.
MAX. OUTPUT LEVEL:	Video: 1.6 Vpp / 75 Ω; Audio: 25 Vpp
BANDWIDTH (-3dB):	Video: 185 MHz; Audio: 100kHz
DIFF. GAIN:	0.05%
DIFF. PHASE:	0.03 deg.
K-FACTOR:	<0.05%
S/N RATIO:	Video: 78 dB; Audio: 82 dB, unweighted
CROSSTALK:	Video: -69dB @ 5 MHz, Audio: -68dB @ 17 Vpp, 1kHz