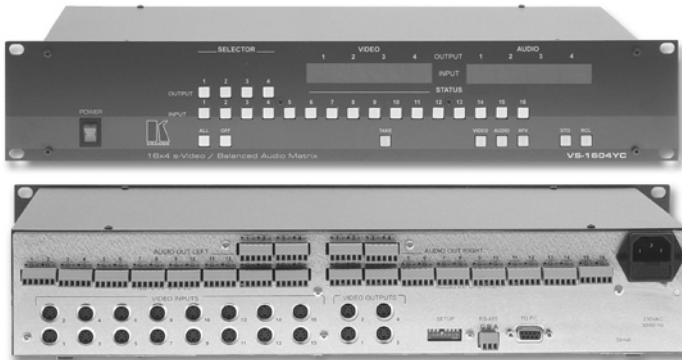
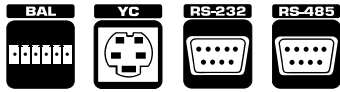


## VS-1604YC

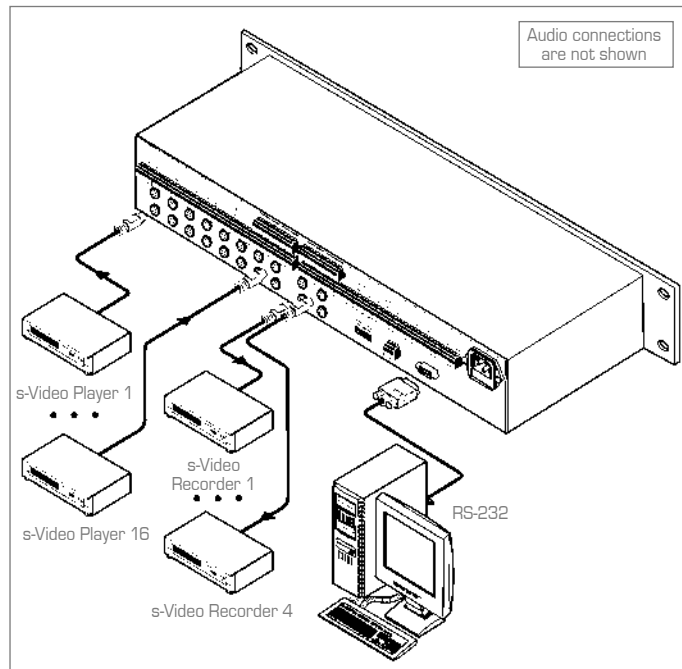
### 16x4 s-Video & Balanced Stereo Audio Matrix Switcher



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.

#### 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 switches as presets to be recalled and executed when needed.
- **Audio Breakaway Switching.**
- **Vertical Interval Switching.**
- **Standard 19" Rack Mount Size - 2U.**



#### TECHNICAL SPECIFICATIONS

- INPUTS:** 16Y/C, Y = 1Vpp/75Ω, C = 0.3Vpp/75Ω on 4p connectors.  
16 balanced audio stereo + 4dBm typ./47kΩ on detachable terminal blocks.
- OUTPUTS:** 4Y/C, Y=1Vpp/75Ω, C = 0.3Vpp/75Ω on 4p connectors.  
4 balanced audio stereo + 4dBm typ./50Ω on detachable terminal blocks.
- MAX. OUTPUT LEVEL:** Video: 1.6Vpp/75Ω; audio: 27dBm.
- BANDWIDTH (-3dB):** Video: 185MHz; audio: 100kHz.
- DIFF. GAIN:** 0.05%.
- DIFF. PHASE:** 0.03 Deg.
- K-FACTOR:** < 0.05%.
- S/N RATIO:** Video: 78dB; audio: 82dB, unweighted.
- CROSSTALK:** Video: -69dB @ 5MHz, audio: -68dB @ 17Vpp, 1kHz.
- CONTROL:** 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:** 230VAC, 50/60Hz, [115VAC U.S.A.] 17VA.
- DIMENSIONS:** 19 - inch (W), 7-inch (D), 2U (H) rack mountable.
- WEIGHT:** 3.4kg. (7.5lbs.) approx.
- ACCESSORIES:** Power cord, Windows® - based control software, Null modem adapter.

