



VS-44HC

4x4 Component Video & Digital Audio Matrix
Switcher

| Ethernet - RJ-45



The VS-44HC is a high-performance matrix switcher for component video and S/PDIF audio signals. Designed primarily for home entertainment applications, it can route any or all inputs to any or all outputs simultaneously.

FEATURES

High Bandwidth - 200MHz (-3dB)

HDTV Compatible

TOSLINK® Audio Capability - Audio input 2 can accept either S/PDIF or TOSLINK® audio (selected via DIP-switches). If selected, both S/PDIF and TOSLINK® audio will be simultaneously available on audio output 2

Sampling Rates - Up to 192kHz

Programmable Audio Delay - Up to 999ms (depending on sample rate)

Audio Breakaway Switching

Memory Locations - Stores multiple switches as presets (salvos) to be recalled and executed as needed

Take Button - Executes multiple switches all at once

Flexible Control Options - Front panel, RS-485, RS-232 (K-Router™ Windows®-based software is included), Ethernet, IR remote (included)

Front Panel Lockout

Worldwide Power Supply - 100-240V AC

Standard 19" Rack Mount Size - 1U



KRAMER

TECHNICAL SPECIFICATIONS

VIDEO INPUTS:	4 sets of component video (Y, Pb/Cb, Pr/Cr) 1Vpp, 0.7Vpp, 0.7Vpp/75Ω on RCA connectors
VIDEO OUTPUTS:	4 sets of component video (Y, Pb/Cb, Pr/Cr) 1Vpp, 0.7Vpp, 0.7Vpp/75Ω on RCA connectors
VIDEO MAX. OUTPUT LEVEL:	2.3Vpp
VIDEO BANDWIDTH (-3dB):	200MHz, fully loaded
VIDEO DIFF. GAIN:	0.08%
VIDEO DIFF. PHASE:	0.77Deg
VIDEO K-FACTOR:	<0.05%
VIDEO S/N RATIO:	73dB weighted
VIDEO CROSSTALK (all hostile):	-53dB @5MHz
VIDEO COUPLING:	DC
PRODUCT DIMENSION:	19" x 7.20 x 1U (43.6cm x 18.30cm 4.36cm) W, D, H
PRODUCT WEIGHT:	1.8kg (4.0lbs) approx
SHIPPING DIMENSION:	55.00cm x 27.60cm x 10.70cm (21.65" x 10.87" x 4.21") W, D, H
SHIPPING WEIGHT:	2.9kg (6.5lbs) approx
AUDIO INPUTS:	4 S/PDIF digital audio, on RCA connectors; 1 TOSLINK® optical
AUDIO OUTPUTS:	4 S/PDIF digital audio, on RCA connectors; 1 TOSLINK® optical
S/PDIF SAMPLE RATE:	Up to 192kHz
AUDIO RESOLUTION:	Up to 24 bits
JITTER:	<1.5ns (50Hz to 100kHz) without delay, <3.5ns (50Hz to 100kHz) with delay
MAXIMUM DELAY TIME FOR CHANNEL 2:	32kHz – 999ms; 44.1kHz – 720ms; 48kHz – 680ms; 96kHz – 340ms
DELAY RESOLUTION:	1ms
CONTROLS:	Front panel buttons, Ethernet, RS-232, RS-485, IR remote control
INDICATORS:	2 4-character displays on the front panel
POWER CONSUMPTION:	100-240V AC, 50/60Hz; 16VA
INCLUDED ACCESSORIES:	Power cord, null-modem adapter, Windows®-based Kramer control software, Windows®-based Ethernet Configuration Manager and Virtual Serial Port Manager, Infra-red remote control transmitter

