



VS-44HD

4x4 HD-SDI Matrix Switcher

| Ethernet - RJ-45



The VS-44HD is a high-performance 4x4 matrix switcher for HD-SD signals, as well as a dual link 2x2 matrix switcher. Switching is implemented during the vertical interval period according to the SMPTE RP-168 standard, when using synchronized digital video sources

FEATURES

Max. Data Rate - 1.485Gbps

HDTV Compatible

Multi-Standard Operation - SDI (SMPTE 259M/344M), HD-SDI (SMPTE 292M) & dual link (SMPTE 372M)

Reclocking & Equalization - Automatic

Switching Synchronization - Synchronizes either to external reference or incoming video

Active Input Type™ Reporting - Each input button on the front panel automatically lights up when the unit detects a video signal on that input. Green indicates a standard definition (SDI) input signal and blue indicates a high definition (HD-SDI) input signal

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

Take Button - Executes multiple switches all at once

Control - Front Panel, RS-232 (K-Router™ Windows®-based software is included), RS-485, Ethernet, contact closure & IR remote (included)

Analog Sync Type - Bi-level, tri-level

Selectable Sync Signal Termination

Front Panel Control Lockout

Vertical Interval Switching

Worldwide Power Supply - 100-240V AC

Standard 19" Rack Mount Size - 1U. Rack "ears" included



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TECHNICAL SPECIFICATIONS

INPUTS:	4 SDI SMPTE-259M, 292M, 344M serial video, 75Ω on BNC connectors; 1 GENLOCK 75Ω/Hi-Z on a BNC connector
OUTPUTS:	4 equalized and reclocked SMPTE-259M, 292M, 344M outputs 75Ω on BNC connectors; 1 looped GENLOCK 75Ω/Hi-Z on a BNC connector
MAX. OUTPUT LEVEL:	800mVpp/75Ω
MAX. DATA RATE:	Up to 1.485Gbps
CONTROLS:	Front-panel, RS-232; RS-485, Ethernet, infrared remote, dry contact, and panel lock
INDICATORS:	4-character display on the front panel
POWER CONSUMPTION:	Universal, 100-240V AC, 50/60Hz, 22VA
INCLUDED ACCESSORIES:	Power cord, IR remote, null-modem adapter
Product Dimension	19" x 7.20 x 1U (43.6cm x 18.30cm x 4.36cm) W, D, H
Product Weight	2.8kg (6.1lbs) approx
Shipping Dimension	0.00cm x 0.00cm x 0.00cm (0.00" x 0.00" x 0.00") W, D, H
Shipping Weight	3.7kg (8.2lbs) approx

