



VS-44HDxl

4x4 3G HD-SDI Matrix Switcher

| 3G HD-SDI - BNC | Ethernet - RJ-45



The VS-44HDxl is a high-performance matrix switcher for 3G HD-SDI and HD-SDI dual link video signals. The unit can switch any or all inputs to any or all outputs. 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 - 3Gbps

HDTV Compatible

Multi-Standard Operation - SDI (SMPTE 259M/344M), HD-SDI (SMPTE 292M), 3G HD-SDI (SMPTE 424M), and dual link HD-SDI (SMPTE 372M)

Kramer Equalization & re-Klocking™ Technology - Rebuilds the digital signal to travel longer distances

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

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

Take Button - Executes multiple switches all at once

Analog Sync Type - Bi-level, tri-level

Selectable Sync Signal Termination

Looping Sync Input

Vertical Interval Switching - SMPTE RP-168

Front Panel Control Lockout

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

Worldwide Power Supply - 100-240V AC

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



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TECHNICAL SPECIFICATIONS

INPUTS:	4 SMPTE-259M/292M/424M/372M (for dual-link HD-SDI signals) serial video, 75Ω on BNC connectors; 1 genlock 75Ω/Hi-Z on a BNC connector, bi-level or tri-level sync
OUTPUTS:	4 equalized and reclocked SMPTE-259M, 292M outputs 75Ω on BNC connectors; 1 looped genlock 75Ω/Hi-Z on a BNC connector
MAX. OUTPUT LEVEL:	800mVpp/75Ω
DATA RATE:	Up to 2.97Gbps
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, rack "ears"
PRODUCT DIMENSION:	19" x 7.20 x 1U (43.6cm x 18.30cm 4.36cm) W, D, H
PRODUCT WEIGHT:	1.7kg (3.7lbs) approx
SHIPPING DIMENSION:	55.00cm x 27.60cm x 10.70cm (21.65" x 10.87" x 4.21") W, D, H
SHIPPING WEIGHT:	2.5kg (5.6lbs) approx

