



# KRAMER

## VS-48HDxl

4x8 3G HD-SDI Matrix Switcher

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



The VS-48HDxl is a high-performance matrix switcher for 3G HD-SDI video signals. 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

**Take Button** - Executes multiple switches all at once

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

**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 SD/HD/3G HD-SDI (dual link), 75Ω on BNC connectors; 1 genlock with loop, 75Ω/Hi-Z on BNC connectors, bi-level or tri-level sync
OUTPUTS:	8 SD/HD/3G HD-SDI (dual link), 75Ω on BNC connectors, equalized and reclocked
MAX. OUTPUT LEVEL:	800mVpp/75Ω
DATA RATE:	Up to 2.97Gbps
CONTROLS:	Front-panel, RS-232; RS 485, Ethernet, infrared remote, contact closure, and panel lock
INDICATORS:	8-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 x 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	2.6kg (5.7lbs) approx

