



VS-44HD

SWITCHERS, MATRIX
SWITCHERS &
CONTROLLERS

4X4 HD-SDI & SDI DIGITAL VIDEO MATRIX SWITCHER



DESCRIPTION

The VS-44HD is a high performance matrix switcher for HD-SDI and SDI digital video signals. Switching during the vertical interval ensures glitch-free switching with genlocked sources.

- Reclocking & Equalization - Automatic.
- HDTV Compatible.
- Switching Synchronization - Synchronize either to external reference or incoming video.
- Active Input 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 - Store multiple switches as presets (salvos) to be recalled and executed when needed.
- Take Button - Execute 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).
- Looping Analog Sync Input.
- Selectable Sync Signal Termination.
- Front Panel Control Lockout.
- Worldwide Power Supply - 90-240V AC.
- Standard 19" Rack Mount Size - 1U. Rack "ears" included.

SPECIFICATIONS

INPUT:	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
DATA RATE:	Up to 1.485Gbps
CONTROLS:	Front-panel, RS-232; RS-485, ETHERNET, Infrared remote, dry contact, and panel lock
POWER SOURCE:	Universal, 90-240VAC, 50/60Hz 22VA
DIMENSIONS:	19 inch (W), 7 inch (D), 1U (H) rack mountable.
WEIGHT:	2.6kg (5.7lbs) approx.
ACCESSORIES:	Power cord, Null-modem Adapter

