



VS-44FO

4x4 3G HD-SDI over Fiber Optical Matrix Switcher



The VS-44FO is a matrix switcher for 3G HD-SDI video signals over fiber optical cable. The unit can switch any or all inputs to any or all outputs.

FEATURES

- Max. Data Rate - 3Gbps.
- HDTV Compatible.
- Genlock Looping Input.
- Selectable Sync Signal Termination.
- Automatic Reclocking and Equalization.
- Active Input™ Reporting - Each input button on the front panel automatically lights up when the unit detects a video signal on that input. Red 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.
- Vertical Interval Switching - Compliant with SMPTE RP-168.
- Optional SFP Modules - SFP-IN/OUT-2KM – SFP Fiber Optic Module SM 2km 3G HD-SDI Tx/Rx, SFP-IN/OUT-30KM – SFP Fiber Optic Module SM 30km 3G HD-SDI Tx/Rx, SFP-IN/OUT-40KM – SFP Fiber Optic Module SM 40km 3G HD-SDI Tx/Rx.
- Compatible Transmitter & Receiver - 690T & 690R.
- Flexible Control Options - Front panel, RS-232 (with K-Router™ Windows®-based software), RS-485, Ethernet and 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 LC connectors for single mode fiber cable.
OUTPUTS:	4 LC connectors for single mode fiber cable.
GENLOCK:	1Vpp/75Ω (looping) with termination switch.
DATA RATE:	3Gbps per channel.
CONTROLS:	Front-panel, RS-232, RS-485, Ethernet, remote infrared.
OPERATING TEMPERATURE:	0° to +40°C (32° to 104°F).
STORAGE TEMPERATURE:	-40° to +70°C (-40° to 158°F).
HUMIDITY:	10% to 90%, RHL non-condensing.
POWER CONSUMPTION:	Universal, 100-240V AC, 50/60Hz 13VA.
DIMENSIONS:	19" x 7" x 1U (W, D, H) rack mountable.
WEIGHT:	2.6kg (5.7lbs) approx.
INCLUDED ACCESSORIES:	Power cord, rack "ears" and IR remote control transmitter.
OPTIONS:	SFP-IN/OUT-2KM SFP Fiber Optic Module SM 2km 3G HD-SDI Tx/Rx SFP-IN/OUT-30KM SFP Fiber Optic Module SM 30km 3G HD-SDI Tx/Rx SFP-IN/OUT-40KM SFP Fiber Optic Module SM 40km 3G HD-SDI Tx/Rx Video SFP supports pathological patterns.

CONFIGURATIONS

SFP-IN/OUT-2KM	SFP Fiber Optic Module non-SMA 2km 3G HD-SDI Tx/Rx
SFP-IN/OUT-30KM	SFP Fiber Optic Module non-SMA 30km 3G HD-SDI Tx/Rx
SFP-IN/OUT-40KM	SFP Fiber Optic Module non-SMA 40km 3G HD-SDI Tx/Rx

