



VS-44FO

1x1 to 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.
- Optional SFP Modules - Maximum of 4 can be installed. Minimum of 1 is required.
- 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.
- Range - 2-40km depending on SFP modules installed.
- Built-in Black Burst Generator.
- 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.

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.
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.
PRODUCT DIMENSIONS:	19" x 7.20 x 1U (43.6cm x 18.30cm 4.36cm) W, D, H
PRODUCT WEIGHT:	1.7kg (3.6lbs) approx.
SHIPPING DIMENSIONS:	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.

CONFIGURATIONS

SFP-IN/OUT-2KM	1x1 SFP Fiber Optic 3G HD-SDI Tx/Rx Module (non-SMA) – Range 2km
SFP-IN/OUT-30KM	1x1 SFP Fiber Optic 3G HD-SDI Tx/Rx Module (non-SMA) – Range 30km
SFP-IN/OUT-40KM	1x1 SFP Fiber Optic 3G HD-SDI Tx/Rx Module (non-SMA) – Range 40km

