VS-44FO

1x1 to 4x4 3G HD−SDI over Fiber Optic Matrix Switcher

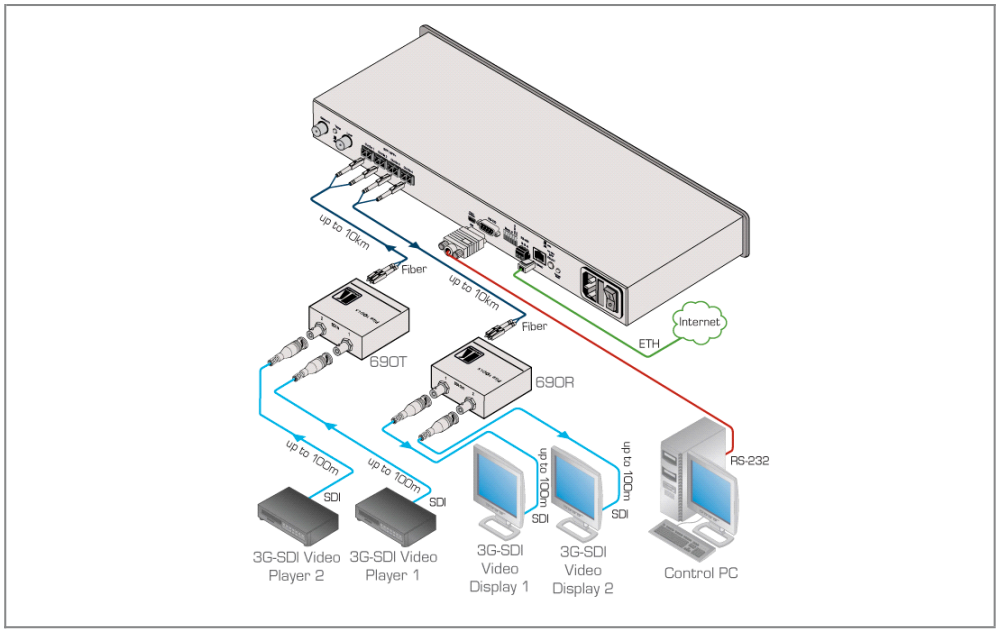
The VS−44FO is a matrix switcher for 3G HD−SDI video signals over fiber optical cable. The unit can switch any or all inputs to any or all outputs.

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.
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	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