



KRAMER

VS-88FO

1x1 to 8x8 3G HD-SDI over Fiber Optic
Matrix Switcher



The VS-88FO 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

Built-In Black Burst Generator

Range - 2-40km depending on SFP modules installed

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:	8 single-mode/multi-mode fiber optic on LC connectors (dependent on SFP module type)
OUTPUTS:	8 single-mode/multi-mode fiber optic on LC connectors (dependent on SFP module type)
MAX. OUTPUT LEVEL:	800mVpp/75Ω
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 24VA
PRODUCT DIMENSION:	19" x 7.20 x 1U (43.6cm x 18.30cm 4.36cm) W, D, H
PRODUCT WEIGHT:	0.0kg (0.0lbs) approx
SHIPPING DIMENSION:	55.00cm x 27.60cm x 10.70cm (21.65" x 10.87" x 4.21") W, D, H
SHIPPING WEIGHT:	0.0kg (0.0lbs) 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



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CONFIGURATIONS

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

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

