



ASPEN-32UFX

32-Port 12G SDI Matrix Switcher with Interchangeable Inputs & Outputs



ASPEN-32UFX is a 32-port matrix switcher for SDI signals of up to 12G SDI. Each SDI port can be defined as either an input or output, enabling flexible configurations such as a 1x31 distribution amplifier, 31x1 switcher, 16x16 matrix switcher or any other possible input-output combination. ASPEN-32UFX is easy to operate and control through the network using the intuitive web pages and through RS-232 using a serial controller

FEATURES

Max. Data Rate - 12Gbps

HDTV Compatible

Multi-Standard Operation - 12G-SDI - SMPTE ST-2082-1, 3G-SDI - SMPTE 424M, HD-SDI - SMPTE 292M, SDI - SMPTE 259M/344M

Kramer Equalization & re-Klocking™ Technology - Rebuilds the digital signal to travel longer distances

Supports ANC Data - Embedded audio, teletext, time code, etc

Cable Equalization - Up to 300m for SD signals, 200m for 1.5G HD signals, 100m for 3G and 6G signals, and 80m for 12G signals

Clean Switching - When the sources are genlocked to the selected genlock input with a difference of no more than two lines of video

Versatile Genlocking - Using an analog signal

Memory Locations - Stores 8 multiple switches as presets to be recalled and executed when needed



TECHNICAL SPECIFICATIONS

Ports	32 12G-SDI/3G-SDI/HD-SDI/SDI Video: 75Ω on BNC connectors (by default, 1 to 16 are set as inputs and 17 to 32 are set as outputs) 1 Genlock: 75Ω on a BNC connector 1 Genlock Loop Passive loop output on a BNC connector:
Video	Standards: 12G-SDI – SMPTE ST-2082-1, 3G-SDI – SMPTE 424M, HD-SDI – SMPTE 292M, SDI – SMPTE 259M/344M Max Resolution: 4K@60Hz (4:2:2) Max Bandwidth: 12Gbps
Extension Line	SD Signals: Up to 300m 1.5G HD Signals: Up to 200m 3G Signals Up to 100m 6G Signals Up to 100m 12G Signals Up to 80m Coupling: DC
User Interface	Controls: Remote RS-232, Ethernet, Web pages
Power	Consumption: 12V DC, 2A Source: 12V DC, 5A
Environmental Conditions	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
STANDARDS COMPLIANCE	Safety: CE Environmental: RoHs, WEEE
Enclosure	Size: 19", 1U Type Aluminum Cooling: Fan Ventilation
Accessories	Included: Power adapter Cables (Recommended): Belden 4794R and 4855R 12G-SDI coax cables
Product Dimension	43.64cm x 10.00cm x 4.36cm (17.18" x 3.94" x 1.72") W, D, H
Product Weight	1.0kg (2.2lbs) approx
Shipping Dimension	55.00cm x 27.60cm x 10.70cm (21.65" x 10.87" x 4.21") W, D, H
Shipping Weight	1.9kg (4.2lbs) approx

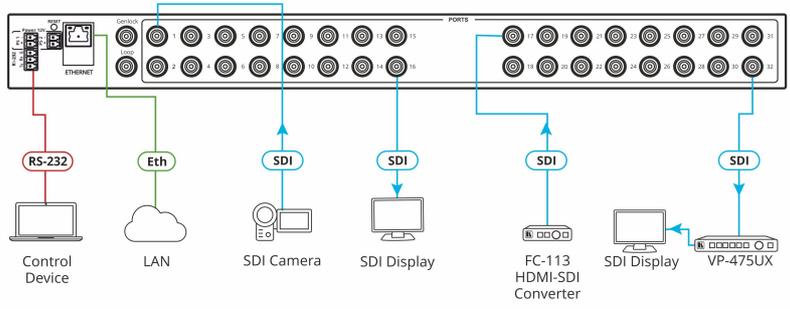


Figure 1. Rear Panel Connections