

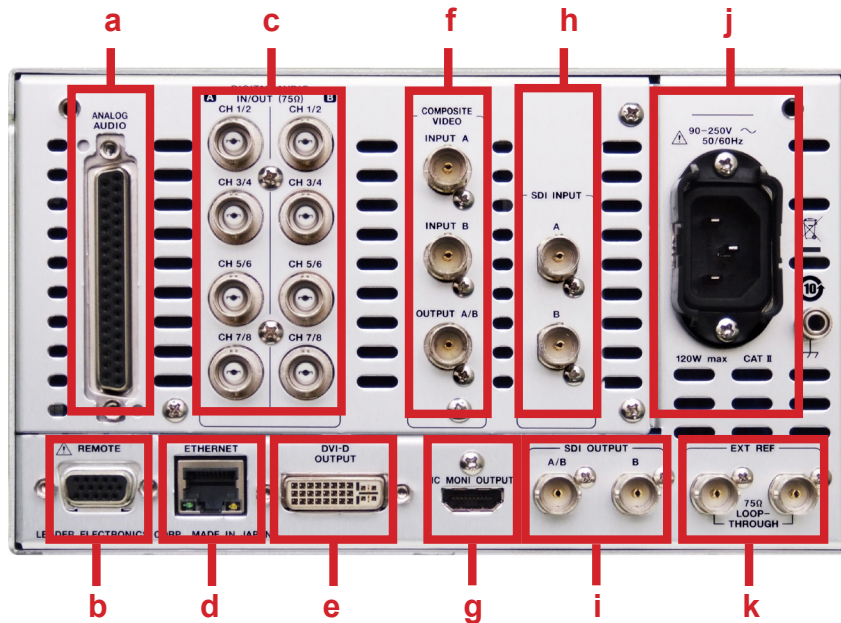
LV5770 MULTI SDI MONITOR

The New Standard in HD Test



- Accepts two 3G, Dual Link, or SD/HD SDI sources and provides Picture, Waveform, Vector, CINELITE, 5-Bar and Status displays individually or in various screen combinations.
- Built-in XGA display (1024 x 768) for superb, crisp waveform and picture representations.
- Eye Pattern & Jitter Measurement capabilities (option 09) for evaluating the condition of SDI feeds. SMPTE recommended filters and audio measurements are provided.
- New "Frame Capture" capabilities allows you to capture single frames in an SDI signal. This feature is suitable when for performing data analysis when errors occur, such as SDI (TRS, Line Number, CRC, EDH, etc), ancillary data (Parity and Checksum), embedded audio (BCH, DBN, Parity and Inhibit Line errors), or video errors (Gamut, Composite gamut, Level errors).
- New "Screen Capture" feature allows you to capture the entire display as still-image data.
- Autonomous Monitoring and Error Detection. Alarm for Audio Silence/Video Freeze and Video Black.
- ANC Data Analysis, settable Error Levels with Monitoring, Alarms and Error Logs with Time Code.
- DVI Rasterized Output mirrors built-in screen.
- 3D Assist available for 3D video signals monitoring.
- HDMI Program Output of the selected source is provided.
- Two Composite Inputs with switched monitor output provides Picture, Waveform and Vector Test Screens for NTSC and PAL Composite Systems.
- Accepts and Displays On-Picture and Data for Closed Caption (supports both EIA-608-B and EIA-708 systems).
- 16 channels of AES/EBU can be set up as input or outputs (8-input channels and 8-output channels configuration is also available (menu selectable).
- Audio Option supports Loudness, Lip Sync and A/V Delay Measurements, in addition to providing Lissajous and Bar Graph Displays.
- Analog Audio capabilities provide for 8 channels of analog audio (In or Out). The selected Digital Audio can be converted and output as Analog Audio. (Option 42 requires Option 41 installed).
- Dolby Metadata and Dolby E Guard Band options.
- 6.3mm headphone jack can be used for audio monitoring.
- Ethernet connectivity allows for remote control over the web. Supports TELNET, FTP, HTTP and SNMP.
- USB Connector allows the use of a flash drive for storing captured screens, presets and software/firmware updates.
- Universal AC Power Supply allows for worldwide use.

LEADER



Rear Panel shown with Analog Audio Option,
Digital Audio Option & Composite Input Options

- (a) **ANALOG AUDIO:** Supports up to 8 channels of analog audio (input / output). Unit converts embedded or discreet audio to analog audio.
- (b) **REMOTE:** Remote connector provides remote control of preset selections.
- (c) **DIGITAL AUDIO AES/EBU IN/OUT:** Provides 16 channels of AES/EBU inputs or outputs selected by menu. 8 inputs and 8 outputs can also be configured. Inputs being viewed can also be converted to analog (if equipped).
- (d) **ETHERNET CONNECTIVITY:** Ethernet remote control, web access and remote reporting.
- (e) **XGA OUTPUT:** Standard DVI-D Computer Monitor Rasterizer Output emulates Built-in Screen Display.
- (f) **COMPOSITE INPUTS:** Accepts 2 Composite Inputs and provides Switched Monitor Output of the selected composite source.
- (g) **HDMI OUTPUT:** A Picture-Only Output can send the selected SDI input source to an external HDMI monitor.
- (h) **SDI INPUTS:** 2 Serial Inputs support 3G, SD/HD SDI operation (auto-detect). Picture, Waverform, Vector, 5-Bar, Status & Audio (option) screens can be displayed individually, simultaneously, and in various screen combinations.
- (i) **RELOCKED LOOP - THROUGH & SWITCHED OUTPUT:** SDI outputs can be used as loop-throughs to feed downstream processes. Ch-A output can be set as switched output.
- (j) **UNIVERSAL POWER SUPPLY:** 90-250 VAC (50/60 Hz).
- (k) **EXT REF INPUT:** EXT REF Loop-through Input accepts Standard Tri-level Sync and Black Burst.

AVAILABLE OPTIONS:

- **EYE PATTERN VERSION - LV5770E:** LV5770 with Eye Pattern option (OP09) installed. It provides Eye & Jitter Measurements for 3G and SD/HD SDI.
- **EYE PATTERN & JITTER MEASUREMENT OPTION (OP09):** Provides eye pattern and jitter measurements for 3G, SD/HD-SDI feeds.
- **DIGITAL AUDIO OPTION (OP41 OR OP43):** Provides 16 channels of AES/EBU as inputs or outputs. Includes Loudness monitoring and Lip Sync measurements. Outputs embedded Audio as discreet AES/EBU.
- **DIGITAL AUDIO WITH DOLBY OPTION (OP41D OR OP43D):** Adds Dolby Evaluation and Decode capabilities to OP41 or OP43 respectively.
- **ANALOG AUDIO OPTION (OP42):** Provides 8 channels of Analog Audio input or output. Selected Digital Audio (Discreet or Embedded) is converted to Analog Audio.
- **COMPOSITE INPUTS OPTION (OP03):** Provides two composite inputs and Switched Monitor Output.