RASTERIZER

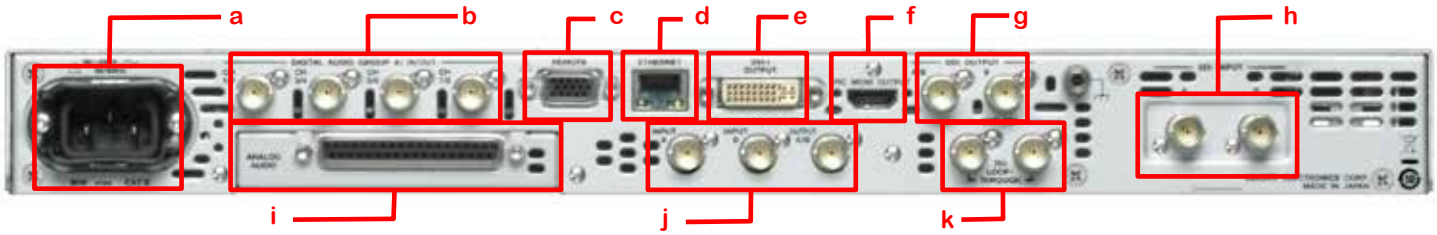
LV7770 MULTI SDI RASTERIZER
Configurable & Affordable

LV7770 Multi SDI Rasterizer

LV7770-01 Remote Controller

- Accepts two 3G, Dual Link, or SD/HD-SDI sources that can be displayed simultaneously or individually.
- Picture, Waveform, Vector, Audio, CINELITE® II, CINELITE® Advanced, 5-Bar and Status Displays.
- Platform can monitor and display two sources at the same time in two or four split screen displays.
- 3D Assist Display available by applying the video signal for the left eye to channel A and the one for the right eye to channel B.
- DVI-I Rasterized Output displays to external LCD monitor in XGA resolution.
- HDMI Program Output of the selected source is provided.
- Screen Capture, Frame Capture and Error Capture features available.
- Supports options including Physical Layer Testing with Eye Pattern, Digital & Analog Audio and Composite Inputs.
- Digital Audio is included supporting Loudness, Lip Sync and A/V Delay Measurements, in addition to providing Lissajous and Bar Graph displays.
- A Dolby option is available for Dolby E or Dolby Digital signals compressed in embedded audio or digital audio signals.
- Data Analysis, Settable Error Levels with Monitoring, Alarms and Error Logs with Time Code.
- USB connector allows the use of a flash drive for storing captured screens, presets and software/ firmware updates.
- Ethernet connectivity allows for remote control over the web. Supports TELNET, FTP, HTTP and SNMP.
- It can also be controlled through the LV7770-01 Remote Controller (see product image above).
- Universal AC Power Supply allows for worldwide use.

LEADER



Rear Panel shown with Eye & Jitter Pattern Option, Analog Audio Option, Digital Audio In/Out Option and Composite Inputs Option

(a) UNIVERSAL POWER SUPPLY: 90-250 vac (50-60 Hz).
(b) 8-CH DIGITAL AUDIO AES/EBU IN/OUT: Provides 8 channels of AES/EBU inputs/outputs.
(c) REMOTE: Remote connector provides remote control of preset selections.
(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) HDMI OUTPUT: A Picture-Only output can send the selected SDI input source to an external HDMI monitor.
(g) SDI OUTPUTS: Reclocked output signals generated from the signals received through the SDI inputs. These are picture only and not rasterized SDI outputs.
(h) SDI INPUTS: 2 Serial Inputs support 3G, SD/HD SDI operation (auto-select). Picture, Waveform, Vector, CINELITE II, 5-Bar, Status Displays.
(i) ANALOG AUDIO: Provides 8 channels of Analog Audio I/O.
(j) COMPOSITE INPUTS: Accepts 2 Composite Inputs and provides Switched Monitor Output of the selected composite source.
(k) EXT REF INPUT: EXT REF Loop-through Input accepts Standard Tri-Level Sync and Black Burst.

AVAILABLE CONFIGURATION:

LV7770E: Multi SDI rasterizer with Eye Pattern & Jitter measurement board (option 09A).

AVAILABLE OPTIONS:

- **LV5770-OP03A COMPOSITE INPUTS OPTION:** Provides two composite inputs with switched monitor output for Picture, Waveform and Vector test screens for NTSC and PAL composite systems. It accepts analog Tri-level Sync & Black Burst signals for waveform display.
- **LV5770-OP09A EYE PATTERN OPTION:** Provides eye & jitter measurements for 3G, SD/HD SDI inputs. SMPTE recommended filters and auto-measurement is provided.
- **LV5770-OP42 ANALOG AUDIO OPTION:** Provides 8 channels of analog audio I/O. Selected digital audio (discreet or embedded) is converted to analog audio.
- **LV7770-OP70 8ch DIGITAL AUDIO OPTION:** Provides additional 8 channels of AES/EBU I/O through selectable menu. Outputs embedded audio as discreet AES/EBU.
- **LV7770-DOLBY OPTION:** Adds Dolby Digital Support and Dolby Metadata Analysis.

- **DIMENSIONS (Width x Height x Depth):** 19” x 1 3/4” x 17 3/4” (426mm x 44mm x 460mm)

- **WEIGHT:** 11 lbs (approx. 5 Kg)

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