WAVEFORM MONITOR

LV5800 MULTI SDI MONITOR
Powerful, Complete and Versatile

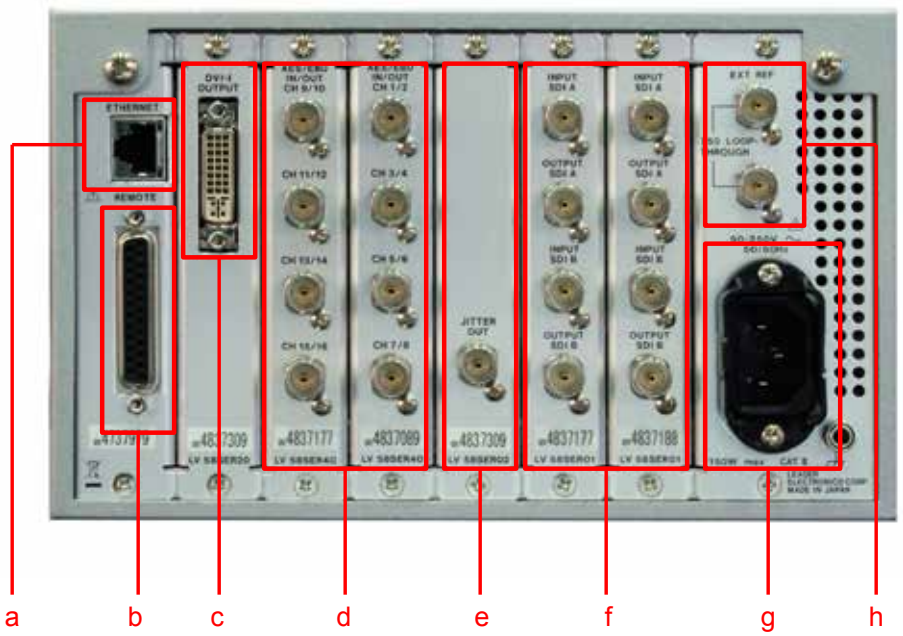
The LV5800 is a powerful multi SDI monitor that allows you freely to configure various input and output units according to your applications. With different optional boards, this monitor gives you the versatility that you are looking for. No need to purchase a product with functions that you might not use. Just get what you need to perform a great and accurate measurement.

Simultaneous monitoring up to four inputs is possible. It provides waveform, vector, 5-Bar, picture, audio, data and status displays in various combinations. Audio option supports loudness, lip-sync, and A/V delay measurements in addition to providing Lissajous and Bar Graph displays. Headphone output mini jack is available on the front panel to monitor sound (when digital audio board is installed).

MAIN FEATURES:

- Monitor accepts up to 4 input slots and up to 2 output slots. Each board operates independently.
- Simultaneous monitoring of all available inputs (up to 4)
- Provides Waveform, Vector, 5-Bar, Picture, Audio, Data and Status displays in various combinations.
- Built-in 6.3” XGA TFT display (1024 x 768) for a clear and superb representation on the screen.
- A 4-screen display allows arbitrary combination of signals of different input units to be displayed.
- The unit includes the “Capture” function, which allows to store one frame of serial digital data in SD or HD format to the internal or external USB memory (as DPX or TIF file).
- Remote control of the unit through TELNET, FTP using the Ethernet connector on the rear panel.
- Remote connector allows recalling of presets, detection of errors and switching of inputs.
- Includes a low-noise cooling system, which is controlled by a temperature sensor.

LEADER



LV5800 Rear Panel with SDI input options, Eye Pattern option, and Digital Audio options

(a) ETHERNET: Ethernet remote control to execute panel operations. It supports TELNET or FTP.
(b) REMOTE: Remote connector provides remote control of preset selections.
(c) DVI-I OUTPUT: Allows output to an external monitor via DVI-I. This board comes standard with the unit.
(d) DIGITAL AES/EBU AUDIO OPTION (OP40A): Provides 8 channels of digital audio. Supports loudness, lip-sync, Lissajous, bar graph displays and A/V delay measurement.
(e) EYE PATTERN OPTION (OP02): Optional board that provides Eye Pattern and Jitter measurement functionalities.
(f) SDI INPUTS: 2 Serial Input boards (max. 8 inputs) support HD/SD SDI operation (auto-detect).
(g) UNIVERSAL POWER SUPPLY: 90-250 VAC (50/60 Hz).
(h) EXT REF INPUT: EXT REF Loop-through Input accepts Standard Tri-level Sync and Black Burst.

AVAILABLE OPTIONS:

- **HD/SD SDI INPUT (OP01A):** Allows four HD/SD SDI inputs per board. Up to 8 inputs (2 boards).
- **EYE PATTERN / JITTER MEASUREMENT (OP02):** Provides eye pattern and jitter measurement functionalities to HD/SD SDI feeds only.
- **COMPOSITE INPUT (OP03A):** Allows up to 2 tri-sync composite inputs and one PIX out.
- **MPEG DECODER INPUT (OP04):** This optional board accepts MPEG-2 signals and provides both monitoring and decoding capabilities to display the signal as waveform, vector, picture and audio.
- **DVI-I OUTPUT (OP20):** Allows the instrument to output its signals through a DVI-I connector to an external monitor.
- **DIGITAL AUDIO (OP40A):** This board operates as an AES/EBU input/output unit and supports loudness, lip-sync, and A/V delay measurements in addition to providing Lissajous and bar graph displays for up to 16 digital channels and 2 analog audio channels.
- **DOLBY® E (OP40D):** Supports Dolby® capabilities.
- **CINELITE II:** Adds CINELITE® and CINEZONE functionalities to the instrument to analyze the different luminance levels.