

LV5490: SOFTWARE RELEASE NOTES

To view the software version of your LV5490, press these keys in the following order: [SYS] → [F3] SYSTEM INFORMATION.

UPDATE	NOTES
Version 5.2	Improvements: <ul style="list-style-type: none"> • Lip sync function has been added to LV5490SER03.
Version 5.1	Improvements: <ul style="list-style-type: none"> • Supports 4K NETQ for LV5490SER01, 02, 06, 08.
Version 4.9	Improvements: <ul style="list-style-type: none"> • Observability of waveform with changing scales to rounded numbers such as 4000, 2000, 1000cd/m² for HD%/1023/1023,255/ 3FF, and auxiliary lines are added for LV5490SER07. • Beyond 3000cd/m² can be indicated at system gamma of Slog3 for LV5490SER07.
Version 4.7	Improvements: <ul style="list-style-type: none"> • Input "ERROR" displayed in the pop-up window in red can be switched ON or OFF for LV5490. • Black background is added to the CIE display of option LV5490SER05 to improve the visibility at the color displaying of chromaticity waveform. Change: <ul style="list-style-type: none"> • New Leader Logo appears during boot up.
Version 4.4	Improvements: <ul style="list-style-type: none"> • An "Improved" mode is added to the 12G-SDI eye pattern of the LV5490SER06 option which supports optimization for TrTf automatic measurement and reduces the jitter value difference when compared to an advanced high-spec wide band oscilloscope. The conversional converted value is indicated on normal mode. Mode switching can be done in the 12G SDI tab menu. Presets do not save the TrTf settings.
Version 3.8	New Functions: <ul style="list-style-type: none"> • 12G-SDI EXT PHASE display for LV5490SER06, LV5490SER08
Version 3.7	New Functions: <ul style="list-style-type: none"> • LV5490SER10 Signal Noise Meter Option
Version 3.3	New Functions: <ul style="list-style-type: none"> • LV5490SER08 NMI-IP Option
Version 3.2	New Functions: <ul style="list-style-type: none"> • Gamut Error Detection • 5 BAR • Aspect Marker
Version 2.9	New Functions: <ul style="list-style-type: none"> • LV5490SER06 12G-SDI Input. • LV5490SER09.12G-SDI EYE of LV5490SER06
Version 2.7	New Functions: <ul style="list-style-type: none"> • 5490SER07 HDR Option
Version 2.5	New Functions: <ul style="list-style-type: none"> • Accepts XYZ Color Matrix Signal. • Histogram Display function added.
Version 2.3	New Functions: <ul style="list-style-type: none"> • Freeze and Black Error Detection have been added to the STATUS display. • Test Pattern generated with the Generator function can now scroll up/down or left/right in a diagonal direction. • DCI standard has been added to the COLORIMETRY setting and it can be displayed in WFM, VEC, and Cinelite® modes. • Webserver Function.

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Version 2.0	<p>New Functions:</p> <ul style="list-style-type: none"> • Embedded Audio is added to the Test Pattern Signal Generation. • Multi Format Color Bars Test Pattern Signal. • 120Hz Format is added. • Dolby Capabilities. • USER Triangle Display on LV5490SER05 (CIE Chromaticity Diagram Option). • Variable Gamma Setting 1.5 to 3.0. • Telnet, FTP, SNMP Remote Function Capabilities. • SNTP Server Capabilities. • LV5490-01 Remote Controller Capabilities. • 10-bit/12-bit Code Value Display on the CINELITE® % Display. • Added XY-coordinate markers on the CIE Color Chart Option (LV5490SER05) as part of the Cinelite® function.
Version 1.8	<p>New Functions:</p> <ul style="list-style-type: none"> • CINELITE® II • 3G-SDI Dual Link format RGB 4:4:4 • ANC Data Viewer • BT2020 Color Space with WFM/VEC displays.
Version 1.5	<p>New Functions:</p> <ul style="list-style-type: none"> • LV5490SER04 Focus Assist Option • LV5490SER05 CIE Chromaticity Diagram Option. • Square (SQ) and 2-sample Interleave (2S) have been added to the FORMAT display. • 16:9 has been added to the aspect marker of the PICTURE display (during 17:9 aspect ratio input). • ARIB Ancillary Analysis feature has been added to the STATUS display. • Data Dump in the STATUS display has been improved so that line and sample can be selected using the V-POS and H-POS knobs. • In the phase difference measurement of the STATUS display, the measurement range for 3G-B (1080/60P, 59.94P, and 60P) has been changed to ± 1 frame. • A 0H reference setting (legacy or serial) has been added to the phase difference measurement of the STATUS display.
Version 1.4	<p>New Functions:</p> <ul style="list-style-type: none"> • Test Signal Generation function. • A feature has been added that allows multiple functions to be arranged simultaneously in the STATUS and AUDIO displays of the Free Layout. • Preset feature has been added that allows either the recall menu or function menu to be displayed when a preset is recalled. • A feature for clearing icons, such as that appears when an USB connection is made, has been added. • ALL INIT has been added to the initialization feature in the SYSTEM settings. • Frame Capture function. • 4K HD Quad Link support. • Phase Difference display has been added to STATUS. • EDH, Payload ID, Audio Control Packet, Custom Search, and AFD Ancillary Analysis features have been added to STATUS. • A shadow feature has been added to the picture aspect marker. • An AFD feature has been added to the picture aspect marker. • Full Frame display and 2x display have been added to PICTURE. • STATUS display. • Fast Startup mode has been added. • Format display now appears in red when the SDI signal is inconsistent with the payload ID embedded in the SDI signal or the SDI system settings. • The scale and Lissajous waveform are now updated simultaneously when a switch is made between Lissajous display and single- Lissajous display. • Fast Startup mode has been added.

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Version 1.2	<p>New Functions:</p> <ul style="list-style-type: none">• Remote control feature using a 15-pin D-sub connector.• HD Dual Link and 3G-SDI Level B Dual Stream support.• Event logging feature has been added to the STATUS display.• Eye Pattern and Jitter Measurement capabilities.• The LCD backlight can now be turned off automatically.• The layouts of all measurement displays can now be initialized at once.