

LV7600 Release Notes

- Ver. 3.1 2019.3.29 released
- Minor correction
- Ver. 3.0 2019.3.29 released
- Improvement
 1. Improved to select 1080 / 48P (1080 / 47.95P) of MONITOR OUT in LV7600 main unit.
 2. Improved to select AV PHASE for individual layout of status in LV7600-SER26.
 - Change / correction
 1. Changed the AV PHASE SETUP menu from F6 to F3 with the status AV PHASE on LV5600-SER01 / LV5600-SER02, and add INPUT SELECT menu to F6.
 2. Freeze, Black, Gamut, Level Y / C error detection is supported when the ST2110 signal is input in LV7600-SER05.
 3. In the LV7600-SER05, expand the receive buffer with the ST2110 signal to cope with large packet interval fluctuations.
 4. In the LV7600-SER05, the signal of ST2110 supports redundancy including PTP.
- Ver. 2.9 Missing number
- Ver. 2.8 2019.3.4 released
- New function
 1. Supports LV7600-SER30 video noise meter.
- Ver. 2.7 2019.2.15 released
- Minor correction
- Ver. 2.6 2019.2.8 released
- New function
 1. Supports LV7600-SER 04 Dolby.
 2. Supports TSL protocol in LV7600-SER27.
 - Improvement
 1. Added DCI white point marker in the chromaticity diagram on LV5600-SER01 / LV5600-SER02.
 2. In LV5600-SER01 / LV5600-SER02, the marker display on the picture makes the marker line thicker and dashed to improve visibility.
 3. In LV7600-SER05, it supports NMOS (IS-05) with Evertz system.
 4. In LV7600-SER05, added the function to save the SDP file received by NMOS (IS-05) to USB.
 5. In LV7600-SER05, it supports the BULK mode of NMOS (IS-05).
 6. In LV7600-SER05, added the function to save the packet received by ETHERNET (RJ45) to USB in PCAP file format.
 7. Supports LV2600-SER05 data dump when ST2110 is set.
 8. Added filter function by VLAN ID in LV7600-SER05.
- Ver. 2.5 2018.12.25 released
- Improvement
 1. Improved to be able to specify the color of waveform at capture hold in LV7600 main unit.
 2. In LV5600-SER01 / LV5600-SER02, it supports waveform display of external synchronization signal of 4K system.
 3. In LV5600-SER01 / LV5600-SER02, it supports the composite variable scale in the waveform display of the vector.
 4. In LV5600-SER01 / LV5600-SER02, it supports the marker display of the guide display by the waveform display of the vector.
 5. Added histogram of EYE on LV5600-SER02.
 6. In LV5600-SER02, it supports EYE / JIT waveform display on 4K 6G system..

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7. Supports ST2110-40 (ancillary data) in LV7600-SER05.
 8. Added PTP and video, audio and ancillary phase difference graph display functions in LV7600-SER05.
 9. Added PTP packet capture function for LV7600-SER05.
 10. In the LV7600-SER05, expand packet capture to 1 Mbyte.
 11. In the LV7600-SER23, add a mode linked to the payload ID in SDR, HLG and PQ.
- Ver. 2.4 2018.11.21 release
- Minor correction
- Ver. 2.3 2018.11.14 released
- New function
 1. Added variable scale function of vector in LV5600-SER01 / LV5600-SER02.
 2. Supports NMOS IS-04 Registered Discovery in LV7600-SER05.
 3. In the LV7600-SER05, added the setting change function by SDP file to NMOS IS-05.
 4. Added packet capture function on LV7600-SER05.
 5. In LV7600-SER05, added ST2022-6 port delay graph display function (PATH DELAY).
 6. The LV7600-SER05 supports the Wide signal specified in ST2110-21.
 7. Added phase display function of PTP and ST2110-20 in LV7600-SER05.
 8. Added HDR color bar on LV7600-SER24 (when SER23 option is enabled).
 9. Supports 6G-SDI system in LV7600-SER29.
 - Improvement
 1. On the LV7600 main unit, added the display of the Web server access port (port number 8080) to the tab of NETWORK setting.
 2. In HEX5600-SER01 / LV5600-SER02, added HEX indication to the payload ID analysis screen of status.
 3. Improved to support 720p format in LV7600-SER05.
 4. Supports CLog / Log-C on LV7600-SER23.
- Ver. 2.2 2018.10.22 release
- Minor correction
- Ver. 2.1 2018.10.8 released
- There is no correction
- Ver. 2.0 2018.9.28 released
- New function
 1. Supports the network control function (Telnet, FTP, SNMP, Web server, LV7290) on the LV7600 main unit.
 2. In LV5600-SER01 / LV5600-SER02, the frame capture function supports 16 frames and error trigger at manual setting.
 3. Supports waveform display of external sync signal in LV5600-SER01 / LV5600-SER02.
 4. Supports the XYZ color matrix signal in LV5600-SER01 / LV5600-SER02.
 5. In LV5600-SER01 / LV5600-SER02, supports English subtitles (EIA 708/608, VBI) and European subtitles (teletext, OP 47).
 6. Supports Japanese subtitles with 4K system on LV5600-SER01 / LV5600-SER02.
 7. Supports NETQ with 4K system in LV5600-SER01 / LV5600-SER02.
 8. Added analysis display of IP packet header in LV7600-SER05.
 9. Supports event log of IP in LV7600-SER05.
 10. Supports NMOS (IS-04) in LV7600-SER05.
- Ver. 1.9 2018.9.21 released
- Minor correction
- Ver. 1.8 2018.9.14 released
- New function

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1. Supports loudness on LV7600-SER03.
 2. Added information display function of SFP in LV7600-SER05.
 3. Supports ST2110-30 (audio) in LV7600-SER05.
 4. Supports the full range of HLG and PQ mode in LV7600-SER23.
- Improvement
1. Improved the operability of EYE cursor position on LV5600-SER02.
 2. In LV7600-SER05, the graph of the error occurrence time is displayed in red in the graph of bit rate, and improved so that it is easy to check.
- Ver. 1.7 2018.9.6 released
- Improvement
1. In the LV7600 main unit, the time from when the power is turned on until the startup logo is displayed is improved by 15 to 20 seconds earlier.
 2. In the LV7600-SER05, add the message rate setting to PTP Setup in the tab menu of IP SETUP 2.
- Ver. 1.6 2018.8.28 released
- Minor correction
- Ver. 1.5 2018.8.27 released
- Minor correction
- Ver. 1.4 2018.8.10 released
- New function
1. In the LV5600-SER01 / LV5600-SER02, added a histogram to the vector display.
 2. Supports LV7600-SER05 (10G IP INPUT).
- Improvement
1. In the LV5600-SER01 / LV5600-SER02, with the display selection of the V cursor value of waveform display, when the gain variable function is enabled in the HDR mode, the HDR can be selected.
 2. In the LV5600-SER01 / LV5600-SER02, improved to display the scale and caption of BT.709 and BT.2020 on the initial screen of the chromaticity diagram.
 3. In LV5600-SER01 / LV5600-SER02, the subtitle status display is linked to ON / OFF of status information in Japanese subtitles of pictures, and the background is improved from black to transparent.
- Change / correction
1. In the LV5600-SER01 / LV5600-SER02, in the waveform color setting of vector display, the individual setting of stream 1/2 was corrected in 3G-B-DS system.
- Ver. 1.3 New Release