



HXL-88 Firmware Change Log

2.1.6 (2018-11-08)

Enhancements:

- Added bootloader firmware update process. After updating your HXL-88 to 2.1.6, please update bootloader firmware to 1.4 for best reliability.
- Added RS232/Telnet command to set the default EDID to all sources.
- Added a watchdog timer to reset the unit in case of a system halt.

Bug Fixes:

- Fixed a bug in which when switching video, sometimes a sink would fall out of sync and would not display video.
- Fixed a bug in which when a resolution change would occur from a source, sometimes a sink connected to the source would not display video.
- Fixed a bug in which the unit would incorrectly report a valid IP address when the network link was down.
- Fixed a bug in which the unit would not engage in acquiring an IP address when DHCP was toggled on from the front panel.
- Fixed a bug on the web server when if the presets were clicked in rapid succession, the webserver would crash and become unresponsive until a system reset.
- Fixed a bug in which RS232/Telnet commands would stop responding with an ACK if a certain number of bytes were received prior to receiving a valid command.
- Fixed a bug when setting a new EDID from a sink to a source where if the EDID didn't pass a checksum calculation during a transfer, the unit would immediately resort to setting a default EDID for that source. The unit will now re-attempt several times before defaulting.
- Fixed a bug in which the diagnostics page on the web server would report outdated information.

2.1.5 (2018-10-26)

Enhancements:

- Added redundancy when switching to ensure switching was successful.

Bug Fixes:

- Fixed an bug in which a telnet connection would eventually cause a crash.

2.1.4 (2018-10-02)

Bug Fixes:

- Fixed the response of the Request Video command to 0x00 instead of 0x05 when a particular output was disabled.
- Fixed an issue where telnet transmission wouldn't occur unless it was also receiving data.

2.1.2 (2018-09-27)

Enhancements:

- Optimized memory handling during telnet communication
- Added the option to input 0x00 instead of calculated CRC value in telnet and serial port communication.

Bug Fixes:

- Fixed an bug in which video switching would not occur from the IR remote if the front panel menus were active.
- Fixed an issue where telnet transmission wouldn't always occur.

2.1.0 (2018-09-07)

Enhancements:

- Optimized RS232 transmission over serial port.
- Added standby mode, activated by power button on IR remote.
- Added a fix for slow response after changing EDID settings on the front panel.
- Optimized boot time.

Bug Fixes:

- Fixed an issue where if the serial port was overrun with data, it would cause the unit to become unresponsive.

- Fixed an issue where no EDID would display under the Set Input EDID menu.

2.0.10 (2018-08-21)

Bug Fixes:

- Fixed an issue in which the serial port wasn't transmitting under certain conditions.
- Fixed an issue where broadcasting an input wouldn't display on LCD or the LED buttons.

2.0.9 (2018-08-20)

Bug Fixes:

- Fixed an issue where 4K content would sometimes not pass through the matrix.

2.0.8 (2018-08-16)

Bug Fixes:

- Fixed an issue with telnet closing the connection and becoming unavailable.

2.0.6 (2018-08-10)

Bug Fixes:

- Fixed an issue where uploading a custom EDID on the control page would be lost on power cycle.

2.0.5 (2018-08-09)

Enhancements:

- Added telnet IP commands.
- Now waits until boot up is complete before turning on 5V detect and hotplug HDMI signals.

- Optimized boot time.
- Optimized firmware file size.
- Added missing IR commands.
- Added LCD/LED notifications on valid rs232 / IP / IR commands.

Bug Fixes:

- Fixed several video bugs.
- Fixed a bug when restarting or resetting to factory defaults would take a long time to restart.
- Fixed display and interaction of closing an output port.
- Fixed IR receiving.
- Fixed a bug on the control page when setting all inputs to the same EDID, it would still display "Varied".

2.0.3 (2018-07-30)

Enhancements:

- Complete firmware overhaul. Important release. Previous firmware was very sluggish and unresponsive in all important user interface areas: RS232, IR, Front Panel. Firmware was completely redesigned and highly optimized user interfaces.

2.0.0 (2018-06-27)

Enhancements:

- Updated RS232 and IR protocols.
- Updated EDID tables.

1.1.3 (2018-04-20)

Bug Fixes:

- Fixed an issue with broadcasting an input through IR.

1.1.0 (2018-03-23)

Enhancements:

- Front panel splash message.

1.0.13 (2018-02-26)

Bug Fixes:

- Fixed an issue where the eighth S/PDIF output was not working.
- Reduced acceleration on keyhold.
- Fixed IR timing.

1.0.11 (2018-01-26)

Enhancements:

- Added missing factory default settings.

1.0.10 (2017-12-19)

Initial release.