

# GLP Firmware Change Log

impression X4 L / X4L Firmware Log V1.26 2019-02-28 / 04/15/2024



Below you will find the history of all fixture firmware versions since the release of the device. Please note the respective information on functional changes, extensions, optimizations, etc. Even if it is our goal to develop firmware updates without relevant performance changes, it can always happen that optimizations or bug fixes can affect the device performance. Please read the note on "INFO" as a matter of urgency.

We strongly advise that firmware updates be carried out on individual replacement devices first.

Likewise, updates should never be carried out shortly before an important use of the device. If in doubt, speak to your GLP Service Team.

- [28 Feb 2019 / Main changes from V112 to V126](#)
- [04 Apr 2018 / Main changes from V104 to V112](#)

28 Feb 2019 / Main changes from V112 to V126	
BUG FIXES	<ul style="list-style-type: none"><li>• Reworked RDM</li><li>• Removed unused DMX Channel from the white X4L versions</li><li>• Changed fan drivers to work with additional fan types that are used in production from 2019 and onwards</li><li>• Changed Pixel Dimmer for white version</li><li>• Fixed some bugs affecting the PWM. Especially when working with 2400Hz to 25kHz. However, it is not recommended to work with the higher PWM settings than 1200 as the dimming is not so good. This is only implemented for some very special usage with e.g. high speed cameras.</li></ul>
FEATURES	<ul style="list-style-type: none"><li>• Added Serial Number via RDM , SN will also be shown in startup display during startup.</li></ul>
UPDATE	<ul style="list-style-type: none"><li>• Update via D3Prog, daisy chain. Make sure no other fixtures are active on line.</li></ul>
INFO	<ul style="list-style-type: none"><li>• Update is show critical as the PWM bugfix also has a very little effect on the dimming of the fixtures when set on default PWM Frequency, too</li></ul>
VERSION DETAILS	<ul style="list-style-type: none"><li>• MainCpuX4L_RGBW_PG_V126.HEX , MainCpuX4L_RGBY_PG_V126.HEX, MainCpuX4L_WHITE_PG_V126.HEX</li></ul>
04 Apr 2018 / Main changes from V104 to V112	
BUG FIXES	<ul style="list-style-type: none"><li>• solved issues with CTO channel</li></ul>
UPDATE	<ul style="list-style-type: none"><li>• 1 file has to be updated via D3Prog DMX/RS485:</li></ul>
VERSION DETAILS	<ul style="list-style-type: none"><li>• MainCpuX4L_PG_V112.HEX 203KB (via D2PROG or D3PROG)</li></ul>