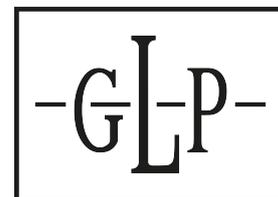


GLP Firmware Change Log



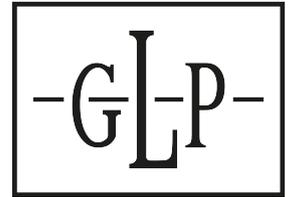
impression X5 IP Maxx / GLP impression X5 IP Maxx Firmware Log V1.4.4 / 07/04/2024

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.

04 Jul 2024 / Main changes from V1.3.5 to V1.4.4	
NEW FEATURES & IMPROVEMENTS	<ul style="list-style-type: none">• Added Art-Net functionality
BUG FIXES	<ul style="list-style-type: none">• Display the used Art-Net Universe in the Main Screen when input portocol is set to Art-Net
UPDATE PROCESS	<p>All Fixtures need 2 updates,</p> <p>The two updates has to be done one after the other via D3Prog / RS485/ DMX, daisy chain.</p> <p>As these files are very big you have to change the DProg type with the PA Application to the 4-storage -version. (Prog.Update > Set DProg type > Number of files = 4). The transfer of the bootloader from PC to the programmer takes about 3 minutes. The transfer of the main software from PC to programmer takes about 10 - 15 minutes.</p> <ol style="list-style-type: none">1. Update the Main Bootloader V1.4.4 package via DMX/RS485 via D3Prog (impression-X5_1.4.4_BOOTDMX.bin) (Consists of Main Bootloader Version 1.1.0)2. Update the Main Application V1.4.4 package via DMX/RS485 via D3Prog (impression-X5_1.4.4_DMX.bin) <div style="border: 1px solid #FFD700; padding: 5px; margin-top: 10px;"><p>⚠ Please make sure that no other DMX receivers or consoles are active on the line and fixtures Control Protocol is set to DMX and not to loose power during the complete update process! As the 2 files for the upload are very big, please allow the PA transfer App a little time for the transfer and all responses.</p></div> <div style="border: 1px solid #FFD700; padding: 5px; margin-top: 10px;"><p>⚠ During and after transfer of the Bootloader to the fixtures, some fixtures may have their displays off. Please give them another 5 minutes after the transfer from the D3Prog to the fixtures for the internal transfer of the bootloaders to the PCBs and then start with the main application update. After then main application update is transferred to the fixtures they will need another ten minutes to update all drivers internally. After this is done, the fixtures will perform a reset, show a red error message and then update/ restore the color calibration.</p></div>

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WARNING	<p>⚠ A CRITICAL BUG WAS FIXED IN BOOTLOADER package 1.4.3 (Main BL 1.1.0)! Make sure all slave bootloaders are updated to version 2.2.1 (BL package 1.4.3 or BL package 1.4.4) before attempting any further update. If this is not obeyed, the Network Interface can be bricked and requires opening of the fixture!</p>
INFO	<p>⚠ After updating to V1.4.4, it is not advisable to downgrade as this can lead to problems. For this reason, this is not recommended.</p> <p>⚠ V1.3.5 is still safe. The V1.4.4 adds “only” the Art-Net control protocol</p>
VERSION PACKAGES	<p>impression-X5_1.4.4_BOOTDMX.bin , consist of Main BL V1.1.0 (provided via website as download) impression-X5_1.4.4_DMX.bin (provided via website as download)</p>

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29 Apr 2024 / First release V1.3.5	
NEW FEATURES & IMPROVEMENTS	<ul style="list-style-type: none">• N/a
BUG FIXES	<ul style="list-style-type: none">• optimization of the SW of the motor driver boards