

GLP Firmware Change Log



GLP JDC2 IP / GLP JDC2 IP Firmware Log V0.7.1-rc.7 08/09/2025 Rev5

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.

09 Aug 2025 / Main changes from V0.6.1 to V0.7.1-rc7	
NEW FEATURES, IMPROVEMENTS AND CHANGES	<ul style="list-style-type: none">• implemented Art-Net and sACN• enabled PWM settings• enabled White point• Reworked the DigiFX and their manipulation <p>Therefore some of the DigiFX marked as experimental and can be used only when enabled via the menu or the DMX control channel. This is done in order to have a stable and reliable preprogramming. The "experimental demo DigiFXs" are most likely to receive some changes during the next software releases or could be exchanged completely. Whereas the non experimental demo DigiFXs maybe only receive some optimisation in speed, scaling, etc.</p>
UPDATE PROCESS	<p>Please see the update manual in the firmware download package and the update instruction Update works in 3 mayor steps. (Via iQ.Service App and iQ.Tool step 1 and 2 Bootloader update and a recovery Update. Setp 3 is via a Windows PC / ethernet network daisy chained with the GLP Upload App "susgui-0.1.4.exe" and firmware version "JDC-2_0.7.1-rc.7_sus.bin".</p> <p>During step 1 until the end of step 2 the display will go off. So we do highly recommend to read the update instructions. This update should be not performed on site.</p>
INFO	<p>⚠ This update is show critical and is an important update to secure show stable preprogramming and show stable fixture updates in future.</p> <ul style="list-style-type: none">• DIGI FX have been changed (removed, adjusted, moved in position, etc.)
VERSION PACKAGE UPLOAD APP DOWNLOAD PACKAGE	JDC-2_0.7.1-rc.7_sus.bin susgui-0.1.4.exe http://iqservice.glp.de/api/v1/Share/File?file=JDC2IP_0_7_1_RC7.zip

GLP Firmware Change Log

GLP JDC2 IP / GLP JDC2 IP Firmware Log V0.7.1-rc.7 08/09/2025 Rev5



24 May 2024 / Main changes from V0.5.2 to V0.6.1

NEW FEATURES, IMPROVEMENTS AND CHANGES	<ul style="list-style-type: none">• Reworked the DigiFX and their manipulation Therefore some of the DigiFX marked as experimental and can be used only when enabled via the menu or the DMX control channel. <p>This is done in order to have a stable and reliable preprogramming. The “experimental demo DigiFXs” are most likely to receive some changes during the next software releases or could be exchanged completely. Whereas the non experimental demo DigiFXs maybe only receive some optimisation in speed, scaling, etc.</p>
UPDATE PROCESS	<p>Update via Windows PC / ethernet network daisy chain with the GLP Upload App “susgui-0.1.4.exe” and firmware version “JDC-2_0.6.1_sus.bin”.</p> <p>Please see the update manual in the firmware download package.</p>
INFO	<p>⚠ This update is show critical and is an important update to secure show stable preprogramming and show stable fixture updates in future.</p> <ul style="list-style-type: none">• DIGI FX have been changed (removed, adjusted, moved in position, etc.)• Tilt speed has been increased• ArtNet and sACN are NOT implemented• RDM does not work. Eg setting a DMX address with RDM will cause fixtures to reset• NDI ports have been limited to 1 and 2 → For now we suggest to just use NDI port 1 (GLP-JDC2-1) and 2 (GLP-JDC2-2) for external NDI capture. For higher resolution than 640x480px NDI streams and high-performance sync the GLP FVP protocol is implemented on NDI stream 3 → Do not use this NDI port for normal NDI capture. For more information contact your local GLP product specialist.
VERSION PACKAGE UPLOAD APP	<p>JDC-2_0.6.1_sus.bin (22.695 KB)</p> <p>susgui-0.1.4.exe (33.977 KB)</p>

GLP Firmware Change Log

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16 Apr 2024 / **Main changes from V0.5.0 to V0.5.2 Beta Fieldtest**

NEW FEATURES & IMPROVEMENTS & CHANGES	<p>BETA fieldtest version</p> <p>⚠ brightness increased → Do not enable "umtimate powaa"</p> <p>⚠ New selection of experimental DigiFX The DigiFX will change completely with the next Firmware Update → Take care if using for preprogramming shows</p> <p>⚠ The fixture has a physically pixel matrix of 54x34 pixel. The firmware version 0.5.0 does only capture these physically 54x34 pixel. From firmware 0.5.2 the fixture will capture a virtual resolution of 54x36 pixel to offset the pixel gap of the LED Beam Line</p> <p>ℹ GLP FVP Protocol implemented on NDI Stream 3 → Do not use this NDI Port for normal NDI Capture.</p> <p>ℹ For now we suggest to just use NDI Port 1 and 2 for external NDI capture</p> <p>⚠ ArtNet or sACN NOT implemented</p>
BUG FIXES	<ul style="list-style-type: none">• n/a
UPDATE PROCESS	Please see update manual in the versions download package for version 0.6.1
INFO	⚠ This update is show critical
VERSION PACKAGE UPLOAD APP	JDC-2_0.5.2_sus.bin (22.695 KB) susgui-0.1.4.exe (33.977 KB)

01 Mar 2024 / **V0.5.0 Prolight and Sound Release**