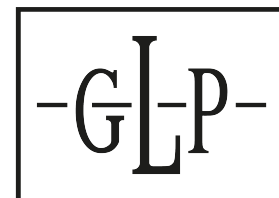


GLP Firmware Change Log



GLP JDC2 IP Firmware Log V2.0.1 - 12 June 2026 Rev47

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.

12 Jun 2026 / Main changes from V0.7.1-rc7 to V2.0.1 BL3.4.1

required:

1. An **iQ.Tool** and the **iQ.Service App** (V2.9.0 or later) installed on **iOS** or on a **Windows PC**,
2. **Fixtures connected via DMX** to an **iQ.Tool** for the **Bootloader update**
- 3, **Fixtures connected via Ethernet** to an **iPhone** or a **Windows PC** for the **Main software update**.
4. **Phone or PC must have a stable internet connection during the update**, or the software must be downloaded from the **iQ.Service website** in advance, **iOS** is recommended

UPDATE PROCESS / Overview

Precaution / before the update.

Please connect your fixtures via DMX **AND** Ethernet. Make sure your Ethernet adapter and fixtures are on the same network settings and check if you see the fixtures via the iQ.Service App.

You just may use the default DHCP and have your fixtures for example at 169.254.x.x/16 DHCP and your USB-C to ethernet adapter on 169.254.0.2 / 255.255.0.0
This can be set in the iOS settings on you iPhone as soon an adapter is connected.

Please see the [update video](#) and manual in the firmware download package and the update instructions.

The update works in 2 major steps:

1. Via iQ.Service App and iQ.Tool: Bootloader update to V3.4.1, via DMX/RDM

2. Via iQ.Service App / iQ.Tool and Ethernet network daisy chained, update the main software via ethernet to V2.0.1 .

3. It is most likely, that an iQ.Mesh software update is suggested as well

Please perform this after the main firmware update. For iQ.Mesh Updates please set all fixtures to iQ.Mesh. You can change the control protocol via the upper right tools menu.

Depending on the production lot the iQMesh update will not work on all fixtures.

If the update does not work, please contact your local distributor. This update must be performed then in GLP headquarters.

The regular function and work via DMX and Ethernet is not affected, only the iQ.Mesh will not work.

INFO

- **⚠ This update is show critical and is an important update to secure show stable preprogramming and show stable fixture updates in the future.**
- **All DMX Modes have been changed and all DMX channel counts are different, compared to the previous release version 0.7.1-rc7**
- **DigiFX have been changed (removed, adjusted, moved in position, etc.) Coordinate settings have been changed and simplified, strobe options have been added.**
- **We strongly recommend against performing this update on-site**
- **Power cycle the fixture after the update**

GLP Firmware Change Log



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| NEW FEATURES AND IMPROVEMENTS | <ul style="list-style-type: none">• Changed DigiFX and NDI settings and their manipulation overall. Therefore, please refer to the additional manuals.• Canvas based positioning workflow and coordinate system for DigiFx and NDI.• Added Strobe Cycle at Zero: Reset and Continuous• Added Rate / Duration Cycle options: Restart, Finish, Smart• Added flash style options: normal, spark.• Added PWM settings in the control channel• Added network port status in the main display screen.• Added Manual DMX• Added DMX Input Monitor |
| BUG FIXES | <ul style="list-style-type: none">• Solved an issue affecting the strobe sync• Solved an issue in the stand alone mode |
| UPDATE PROCESS | <p>1. Update the bootloader to V3.4.1 with the iQ.Service App and an iQ.Tool. You can daisy chain fixtures via DMX/XLR for this. Once connected with an iQ.tool, search for devices, choose the found iQ.Tool and search for fixtures connected to the iQ.Tool. Once detected, choose the upper right toolbox for the bootloader update:</p> <p>> Upper right toolbox > Bootloader update > JDC2 IP > 3.4.1 > Update</p> <p>The display will go off and could stay off. If you are coming from V0.7.1.7, the display will turn ON again. Please wait the 5-minute timer running in the app in any case for the internal firmware distribution, until the app asks you to proceed with step 2!</p> <p>2. Update the main version to V2.0.1 After the timer has finished, the app will suggest the firmware and also an option where you have to choose the correct Ethernet adapter.</p> <p>> Confirm the warning with OK > Choose firmware 2.0.1 > Choose the correct Ethernet adapter</p> <p>The transference of the Main firmware V 2.0.1 needs about 45 seconds. After the transference, the internal software distribution will take about two more minutes. During this time the display will show also a red error screen. After the update, your fixtures will be on factory settings and network settings will be reset !! Please make sure your phone has an internet connection during the whole process</p> <p>3. It is most likely, that an iQ.Mesh software update is suggested as well. Please perform this after the main firmware update. For iQ.Mesh updates, please set all fixtures to iQ.Mesh. You can change the control protocol via the upper right tools menu. Depending on the production lot the iQMesh update will not work on any fixtures. If the update does not work please contact your local distributor. This update must be performed then in GLP headquarters. The regular function and work via DMX and Ethernet is not affected, only the iQ.Mesh will not work.</p> |
| VERSIONS: | JDC-2_2.0.1_sus.bin , Bootloader Version 3.4.1, iQ.Service V2.9.0 or later |
| DOWNGRADE: | Downgrade or Update without a prior recommended and mandatory bootloader update: Discover > Lower Center Tools Menu > JDC2 Firmware Update via Network |

GLP Firmware Change Log

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09 Aug 2025 / Main changes from V0.6.1 to V0.7.1-rc7

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| 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 | JDC-2_0.7.1-rc.7_sus.bin |
| UPLOAD APP | susgui-0.1.4.exe |
| DOWNLOAD PACKAGE | http://iqservice.glp.de/api/v1/Share/File?file=JDC2IP_0_7_1_RC7.zip |

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

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| NEW FEATURES, IMPROVEMENTS AND CHANGES | <ul style="list-style-type: none">• 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.</p> <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> |

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| 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 | JDC-2_0.6.1_sus.bin (22.695 KB) |
| UPLOAD APP | susgui-0.1.4.exe (33.977 KB) |

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

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|---------------------------------------|--|
| NEW FEATURES & IMPROVEMENTS & CHANGES | <p>BETA fieldtest version</p> <ul style="list-style-type: none">• brightness increased → Do not enable “umtimate powaa”• New selection of experimental DigiFX The DigiFX will change completely with the next Firmware Update → Take care if using for preprogramming shows• 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>📘 GLP FVP Protocol implemented on NDI Stream 3 → Do not use this NDI Port for normal NDI Capture.</p> <p>📘 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 | JDC-2_0.5.2_sus.bin (22.695 KB) |
| UPLOAD APP | susgui-0.1.4.exe (33.977 KB) |

01 Mar 2024 / V0.5.0 Prolight and Sound Release