

GLP Firmware Change Log



GLP JDC Burst 1 IP Firmware Log V0.3.5 - 7 August 2026 Rev8

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.

07 Aug 2026 / Changes from V0.3.4-rc to V0.3.5 (BL3.4.1)	
FEATURES & IMPROVEMENTS	Optimized thermal management
UPDATE PROCESS	All Fixtures need 3 consecutive updates 1.) Update the Bootloader to V3.4.1 with the iQ.Service App and an iQ.Tool, this can be done daisy chained via DMX /RS485. Once connected and fixtures are found inside the iQ.Service App > iQ.Tool, choose the upper right toolbox within the app, choose bootloader update, your fixture type and the desired bootloader and update your fixtures. During this step, the display could go off and could stay off until the complete update is finished. Please wait the 5-minute timer running in the app for the internal firmware distribution, until the app asks you to proceed with step 2, even if the display stays off. 2.) Update the main software to version 0.3.5 via iQ.Service > iQ.Tool, daisy chained via DMX / XLR. Just choose the suggested firmware V0.3.5 and proceed or choose upper right toolbox within the app, choose fixture update, your fixture type and the desired firmware and update. Once the main software is transferred and the app has finished, the fixtures could might need another 2 minutes for internal firmware distribution and the display will stay off untill finished. After this the fixture will reset and upload the LED calibration. 3.) Update of the iQ.Mesh service via iQ.Service App: via iQ.Mesh, only! If you have not done this for a while, we do suggest to update the iQ.Mesh version to keep all your software on the latest versions. For this, set the fixtures to iQ.Mesh > upper right toolbox > RDM Manager > Set to iQ.Mesh > leave the iQ.Tool area and rescan (swipe down) for fixtures then select from the upper right toolbox > iQ.Mesh Update. Once this is done you can set the fixtures back to DMX input protocol with the iQ.Service RDM Manager from the upper right toolbox.  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! Fixtures display might go off and stay off anytime during the update process! Please allow the fixture another 2 minutes spreading software internally, after uploading the main software. Even when the iQ.Service app already says success !  Please Power Cycle the fixture after the update
VERSION PACKAGES	JDC-Burst1_0.3.5_BOOTDMX.bin, consists of Main Bootloader 3.4.1 JDC-Burst1_0.3.5_DMX.bin (package), iQ.Mesh 6.0.50 or later, iQ.Service App 2.10.4 or later

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06 Aug 2025 / Changes from V0.3.1-rc.10 to V0.3.4-rc (0.3.4.0)

FEATURES	added: Color Mix Mode settings for plate and segments in menu and control channel: Default: RGB iQ.Gamut, for plate and segment (RRB channels + automated added white + white point) added: Mode 10 (similar to JDC1 sPix Pro) added: FX color priority settings for Mode 9 and 10 (similar to JDC1) added: Color White point setting in the control channel added: new "rate/duration cycle" setting in menu and control channel (choose smart flash for JDC1 like behavior) improved: shutter FX mode in Mode 9 and Mode 10 (including random slots) to match the JDC1 style as much as possible. NOTE: the shutter FX are still a bit different to the JDC1 shutter FX, because of dimmer curves, flash timings, LEDs, hardware etc. We matched the slots in their functionality, so you will find a ramp style shutter FX where you expect it, or a random single pixel FX. Expect that the timings (rate and duration) need to be adjusted to get a similar effect as on the JDC1.
UPDATE PROCESS	Update fixtures daisy chain via iQ.Service > iQ.Tool > DMX/RS485 (Input Protocol must be DMX) Update fixtures via iQ.Mesh (Input Protocol must be set to iQ.Mesh) You can also upload the bin-file JDC-Burst1_0.3.4-rc_DMX.bin onto your device (running your iQ.Service app) and update your fixtures by choosing manual update. ⚠ Please make sure that no other DMX receivers or consoles are active on the line and fixtures Control Protocol is set to DMX or iQ.Mesh and not to loose power during the complete update process! Fixtures display might go off anytime during the update process! If so: Please allow the fixture another 4 minutes spreading software internally, even when the iQ.Service app already says success !!! ⚠ The Update will need about 4 minutes in total Version 0.3.4.0 is based on V0.3.3.8 (WOA,Wacken)
Info	Update is show critical as the flash timing is affected and color mix modes changed

06 Jun 2025 / Changes from V0.2.0-rc.1 to V0.3.1-rc.10 (0.3.1.10)

FEATURES	added: "strobe cycle restart at dimmer zero" feature and set as default (like JDC1 behavior) added: color modes setting, within the settings menu added: DMX Mode 9 (68CH spix mode, similar to the JDC1), In mode 9, the pixel order changed towards the JDC1 order. Meaning when a JDC1 and JDC burst 1 fixtures is rigged with the same connector and display orientation, the pixel order will match.
BUG FIXES	fixed: Art-Net Custom IP fixed: iQ.Service - DMX input source changes were sometimes not stored fixed: Tilt Adjustment could fail under special circumstances and was not stored correctly

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UPDATE PROCESS	Update fixtures daisy chain via iQ.Service > iQ.Tools (Input Protocol must be set to DMX) or Update fixtures via iQ.Mesh (Input Protocol must be set to iQ.Mesh) Update the Main Application V0.3.1-rc.10 (0.3.1.10) via iQ.Service > iQ.Tools > DMX/RS485.  Please make sure that no other DMX receivers or consoles are active on the line and fixtures Control Protocol is set to DMX or iQ.Mesh and not to loose power during the complete update process! Fixtures display might go off anytime during the update process. If so, please allow the fixture another 4 minutes spreading software internally, even when the iQ.Service app already says success.  The Update will need about 4 minutes in total
INFO	Update is show critical as the flash timing is affected.

14 Apr 2025 / Main changes from V0.1.3-rc.2 to V0.2.0-rc.1 (0.2.0.1)

FEATURES	changed DMX tables: M1 Basic 19CH; M2 FX 37CH; M3 12-Segment 87CH; M4 24Segment 135CH; M5 48Segment 231CH; M6 Full 12Segment 105CH; M7 Full 24Segment 153CH; M8 Full 48Segment 249CH
BUG FIXES	
UPDATE PROCESS	Update fixtures daisy chain via iQ.Service > iQ.Tools (Input Protocol must be set to DMX) Update fixtures via iQ.Mesh (Input Protocol must be set to iQ.Mesh) 1. Update the Main Application V0.2.0-rc.1 (0.2.0.1) via iQ.Service > iQ.Tools > DMX/RS485.  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!  Update will need about 4 minutes in total
INFO	Update is show critical !!! DMX Chart changed !!!

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01 Apr 2025 / **Second Field-test Version V0.1.3-rc.2**

Info	Second field-test version. Allow high DMX Addresses
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26 Feb 2025 / **First Field-test Version V0.1.3-rc.1**

Info	First release field test version
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