GLP Firmware Change Log

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.

Versions:

- 09 Apr 2024 / Main changes from V0.7.2 to V1.0.0
- 08 Mar 2023 / Main changes from V0.7.1 to V0.7.2
- 13 Dec 2022 / Main changes from V0.6.9 to V0.7.1
- 21 Jul 2022 / Main changes from V0.6.7 to V0.6.9
- 15 Mar 2022 / Main changes from V0.6.6 to V0.6.7
- 23 Feb 2022 / Main changes from V0.6.4 to V0.6.6
- 25 Sep 2021 / Main changes from V0.5.3 to V0.6.4
- 26 Mar 2021 / First Release V0.5.3
- 19 Oct 2020 / Fieldtest V0.3.5

GLP Firmware Change Log

JDC Line 500/1000 / JDC-Line Firmware Log V1.0.0 / 04/09/2024

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09 Apr 2024 / **Main changes from V0.7.2 to V1.0.0**	
CHANGES	• Added Intensity FX Mode Spread @intensity fx channel value 240: when activated the duration channel changes its meaning to a phase offset (> fanning this channel across different fixtures will lead to flash chasers very easily) • Added RDM Temperature sensors • Added Serial Number over RDM
BUG FIXES	• Fixed random display error messages. (e.g. red VERER in display, sporadic screen rotation) • Fixed bug in RDM Device Model ID • Changes to the ArtNet Port Address or IP settings done via ArtNet are not ephemeral anymore, but saved to the device settings
UPDATE PROCESS	**Two files have to be uploaded in sequence over DMX/RS485, daisy chain:** 1. **Upload: JDC-Line_1.0.0_BOOTDMX.bin (JDC-Line Main BL2.3.0)** After the bootloader package upload via DMX to the fixture, it will take a while until the software is distributed to all drivers. Please wait until the fixture has finished all internal uploads until it is showing "Awaiting user initiated update". 2. **Upload: JDC-Line_1.0.0_DMX.bin** After the Main package upload to the fixture it will take again a short while until the firmware is spread to all drivers and all MCUs are flashed. Please wait until fixtures restart and the display is showing a DMX address. The fixtures must be updated via D3Prog daisy chain via RS485/DMX. Please make sure that no other DMX receivers or consoles are active on the line and fixtures Control Protocol is set to DMX . And fixtures do not loose power during the update
INFO	**Please make sure that your D3Prog is at least on V49 and your transfer software programmer app on version 612 or higher.**
VERSION PACKAGE	1. JDC-Line_1.0.0_BOOTDMX.bin (MainBL 2.3.0, UniversalDrivers.* 2.1.2) (140kb) 2. JDC-Line_1.0.0_DMX.bin (493kb)

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08 Mar 2023 / Main changes from V0.7.1 to V0.7.2

CHANGES	• Added support for new FLASH IC • Changed ArtNet port settings
BUG FIXES	-
UPDATE PROCESS	One file has to be uploaded via DMX/RS485: 1. Upload: JDC-Line_0.7.2_DMX.bin The fixtures must be updated via D3Prog daisy chain via 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.
INFO	**Please make sure that your D3Prog is at least on V42 and your transfer software programmer app on version 612 or higher.** ⚠️ **This update is show critical as dimmer curve, color calibration shutter rate and duration channels are affected.**
VERSION PACKAGE	JDC-Line_0.7.2_DMX.bin

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13 Dec 2022 / Main changes from V0.6.9 to V0.7.1

CHANGES	• Added Factory Menu • Added ArtNet RDM Support • Added Battery Mode
BUG FIXES	• Corrected Dimmer curve • First light output at very low intensity was green only. Corrected color calibration

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JDC Line 500/1000 / JDC-Line Firmware Log V1.0.0 / 04/09/2024

UPDATE PROCESS	One file has to be uploaded via DMX/RS485: 1. Upload: JDC-Line_0.7.1_DMX.bin The fixtures must be updated via D3Prog daisy chain via 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.
INFO	**Please make sure that your D3Prog is at least on V42 and your transfer software programmer app on version 612 or higher.** ⚠️ **This update is show critical as dimmer curve, color calibration shutter rate and duration channels are affected.**
VERSION PACKAGE	JDC-Line_0.7.1_DMX.bin

21 Jul 2022 / **Main changes from V0.6.7 to V0.6.9**	
BUG FIXES	Fixed: Sometimes the heat sink fan showed an error because of wrong internal tolerances
UPDATE PROCESS	**One file has to be uploaded via DMX/RS485:** 1. Upload: JDC-Line_0.6.9_DMX.bin Via D2PROG or D3PROG When importing the bin file to a DProg make sure that you choose the file type „BIN" before uploading the file to the programmer. **The fixtures can be updated daisy chain via 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.**
INFO	**Take care that you don´t lose power or connection during the update. So we don't suggest this update on site!!** **Please make sure that your DProg is at least on V42 and your transfer software programmer app on version 612.**

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15 Mar 2022 / **Main changes from V0.6.6 to V0.6.7**
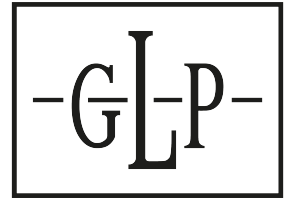
BUG FIXES	Fixed: Changeing DMX Modes sometimes not apply the correct DMX Mode and channel amount
UPDATE PROCESS	**One file has to be uploaded via DMX/RS485:** 1. Upload: JDC-Line_0.6.7_DMX.bin Via D2PROG or D3PROG When importing the bin file to a DProg make sure that you choose the file type „BIN" before uploading the file to the programmer. **The fixtures can be updated daisy chain via 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.**
INFO	**Take care that you don´t lose power or connection during the update. So we don't suggest this update on site!!** **Please make sure that your DProg is at least on V42 and your transfer software programmer app on version 612.** **If your JDCLine fixtures are below version 0.6.6 the bootloader has to be updated as well. Please see and follow upload instructions for version 0.6.6 as below**

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23 Feb 2022 / **Main changes from V0.6.4 to V0.6.6**

BUG FIXES	• Fixed: RDM Identify • Fixed: Press and Hold Up + Down for 3s will show main fixtures settings • Fixed: DHCP / Custom IP interchanged • Fixed: High sACN /Artnet universes cant be stored • Fixed: Network Packet loss • Fixed: Network Disconnecting from time to time ... • Fixed: Dimmer Curves

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UPDATE PROCESS	**Two files have to be uploaded in sequence via DMX/RS485, one after the other:** 1.) Upload: JDC-Line_0.6.6_BOOTDMX.hex After the update of the new Bootloader is finished please wait about 30 seconds before the second step below 2.) Upload: JDC-Line_0.6.6_DMX.hex Both via D2PROG or D3PROG When importing the 2 hex files to a DProg make sure that you choose the file type „Intel Standard hex" before uploading the files to the programmer. **The fixtures can be updated daisy chain via 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.**
INFO	**The Update is show critical. (e.g dimmer curves and strobe timings)** **Take care that you don´t lose power or connection during the update. So we don't suggest this update on site!!**

25 Sep 2021 / **Main changes from V0.5.3 to V0.6.4**	
BUG FIXES	Fixed Mode 6 in Art-Net
INFO	Update is Show critical

26 Mar 2021 / **First Release V0.5.3**	
INFO	New DMX Table

19 Oct 2020 / **Fieldtest V0.3.5**	
INFO	First Fieldtest BETA Firmware