

GLP Firmware Change Log



JDC2 IP / Firmware Log / 05/23/2024


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.

23 May 2024 / Production Version V0.6.1



INFO

 official released production firmware

 Changes : → JDC-2_0.6.1_Changelog

 New selection of DigiFX →   NOTE: These new DigiFX selection shows the first official selection of DigiFXs for the JDC2. These officially DigiFX will not change in position anymore. You can use these effects for preprogramming. Further Firmware Updates will may optimize speed, scaling, etc. but no big changes are expected.

For experimental usage and RnD development it is possible to enable additional experimental DigiFX. For this set the Fixture Setting "Experimental DigiFX" to "enable" → Take care if using these experimental DigiFX for preprogramming shows → these experimental DigiFX will change with further firmware updates !

 GLP FVP Protocol implemented on NDI Stream 3 → Do not use this NDI Port for normal NDI Capture. →  For now we suggest to just use NDI Port 1 and 2 for external NDI capture

 ArtNet or sACN NOT implemented

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UPDATE PROCESS

1.) Download the Firmware Update package and unpack it.
You need to have the following files available:

- susgui-0.1.4.exe
- JDC-2_0.6.1_sus.bin

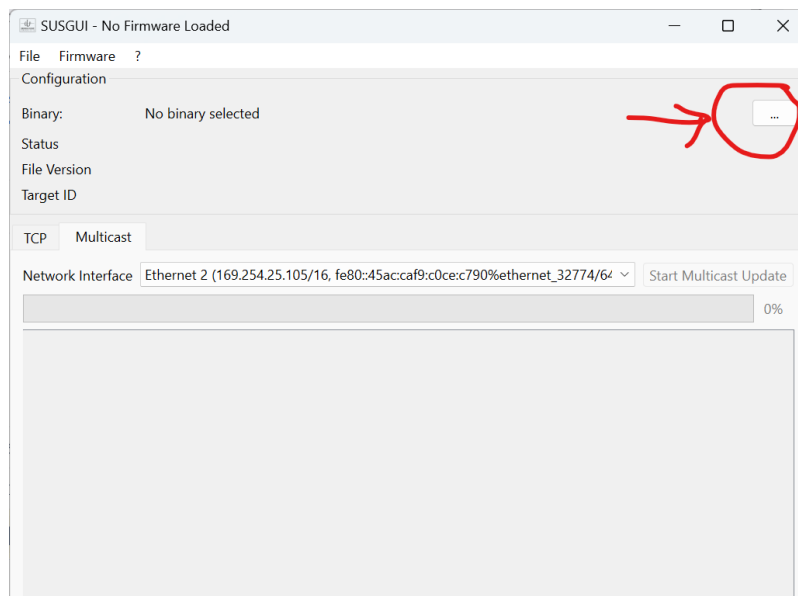
2.) Connect your JDC2 devices to power

3.) Integrate all JDC2 devices and a computer into a gigabit network.
Use network cables of at least CAT 5e or better.
If necessary, use an unmanaged switch.

4.) Configure all devices within the same IP range, e.g. 192.168.10.xxx
(The value "xxx" must be in the range 001 .. 255 and each device must have an individual number)

5.) Start "susgui-0.1.4.exe" on your computer

6.) Select in "susgui-0.1.4." the binary file "JDC-2_0.6.1_sus.bin"



7.) Select in "susgui-0.1.4." the network interface , where your JDC2 Devices are connected to.



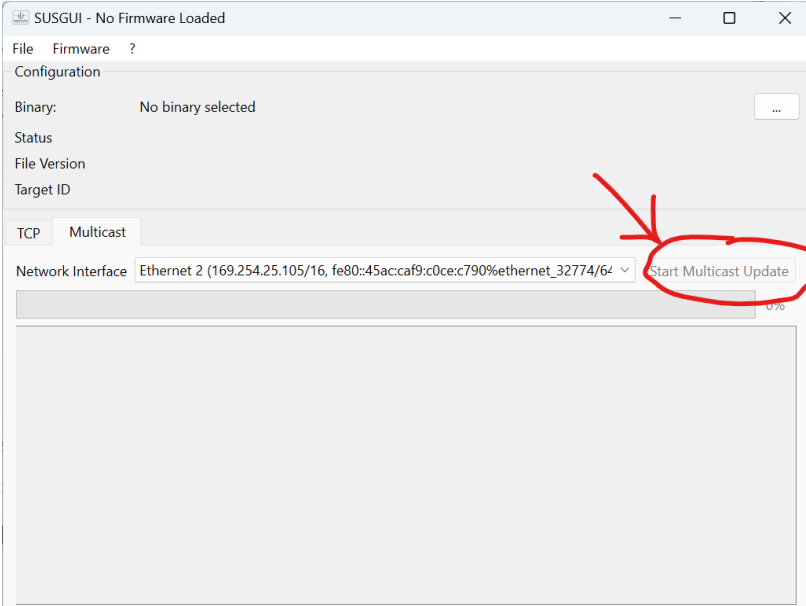







TAKE CARE THAT WINDOWS OR ANY OTHER FIREWALL IS DISABLED

8.) Press "Start Multicast Update"

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	<div></div> <p>9.) Wait until the firmware update has been completely transferred from the computer to the JDC2. You can see the progress by looking at the “loading bar” in the “susgui-0.1.4”.</p> <p> The JDC2 display may not show any information during this time - just wait.</p> <p> Do not turn off or unplug the JDC2 during this process.</p> <p>10.) After transferring the data, the JDC2 will install it in the device. To do this, wait a few minutes.</p> <p> The JDC2 display may not show any information during this time - just wait. No panic if the fixture display shows blackout or error for longer time. - just wait.</p> <p> Do not turn off or unplug the JDC2 during this process.</p> <p>11.) After successful internal installation, the device restarts. You should then see the current firmware version in the upper left area of the display.</p> <p> We recommend loading the factory settings data after a new installation.</p>
VERSION DETAILS:	<p>Built from:</p> <ul style="list-style-type: none">• JDC-2/Main 0.5.3• JDC-2/LED-Driver 0.4.0• JDC-2/LED-Driver 0.4.0• impression-X5/LED-Driver 0.12.2• Universal/Fan-Driver-GO 0.4.1• Universal/Uni-Motor-Driver 0.5.0• Universal/DIC 0.1.4
INFO	<p> SHOW CRITICAL UPDTAE </p>

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01 Apr 2024 / BETA FIELDTEST Version V0.5.2	
INFO	<ul style="list-style-type: none"> Second non official released BETA firmware brightness increased → Do not enable “umtimate powaa” New selection of experimental DigiFX → NOTE: DigiFX will change completely with next Firmware Update → Take care if using for preprogramming shows more settings implemented → more settings will be implemented in the next firmare update. GLP FVP Protocol implemented on NDI Stream 3 → Do not use this NDI Port for normal NDI Capture. → For now we suggest to just use NDI Port 1 and 2 for external NDI capture ArtNet or sACN NOT implemented
UPDATE PROCESS	→ see UPDATE PROCESS of Production Version V0.6.1
VERSION FILES	<ul style="list-style-type: none">→ susgui-0.1.4.exe→ JDC-2_0.5.2_sus.bin
INFO	SHOW CRITICAL UPDTAE
01 Mar 2024 / BETA FIELDTEST Version V0.5.0	
Info	<ul style="list-style-type: none"> First released field test version Finalized DMX Channel Index brightness limited to <50% → Do not enable “umtimate powaa” First experimental DigiFX → NOTE: DigiFX will change completely with next Firmware Update → Take care if using for preprogramming shows not all settings and features are implemente ArtNet or sACN NOT implemented