

GLP Tech Note



JDC2 IP
GLP JDC2 IP Firmware Update Guide V0.6.1
05/29/2024

GLP's strategy is to ensure that its products remain active in the marketplace as reliably and as long as possible. In support of this strategy, we are committed to communicating technical changes or anomalies transparently with our customers. The following technical information is intended to provide general information on technical changes or anomalies. They are intended in particular for service technicians to be informed quickly and appropriately in the event of functional deviations or defects.

⚠ THIS VERSION WILL CHANGE DIGIFX AND OTHER INTERNAL EFFECTS AND TIMINGS WHICH CAN BE CRITICAL FOR PREPROGRAMMING OR RUNNIG SHOWS PROGRAMMED ON OLDER SW VERSIONS

**ℹ This guide is for JDC2 running 0.5.x.
Please check this on the top left corner of the unit's display.
Do not proceed if the unit is running another software Version.**

ℹ For this update no D3-Prog is needed as the main is automatically updated as well.

⚠ After firmware update the DMX Address, DMX Mode and Fixture Settings could be set to default values.

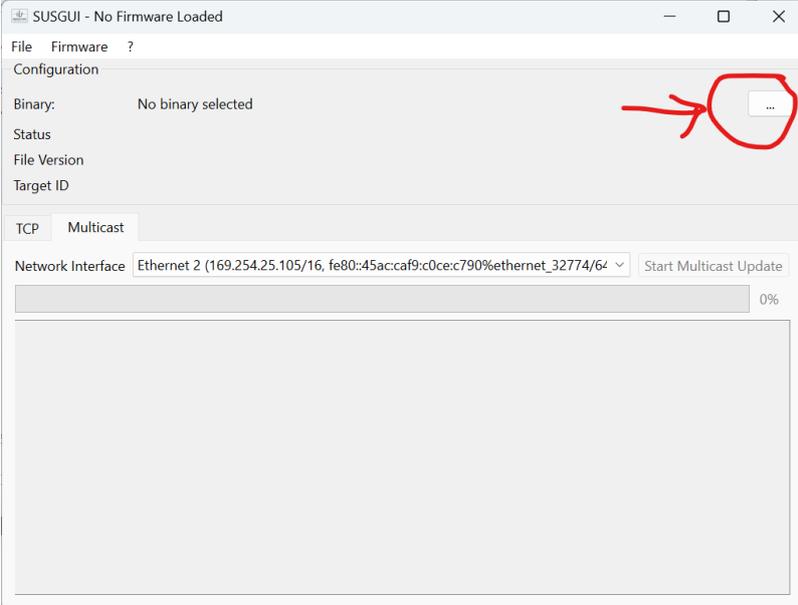
JDC2 Firmware Update Guide for V0.6.1

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.)	Ensure all the JDC2 and the Windows PC are connected together with ethernet cable. This can be via a simple switch or the units can be Daisy Chained. ℹ It is not technically required for the units to have IP addresses set as its a multicast update. But it is best to set IP addresses. So a simple CMD line Ping can be used to ensure that the units are connected.
4.)	Start "susgui-0.1.4.exe" on your computer

GLP Tech Note



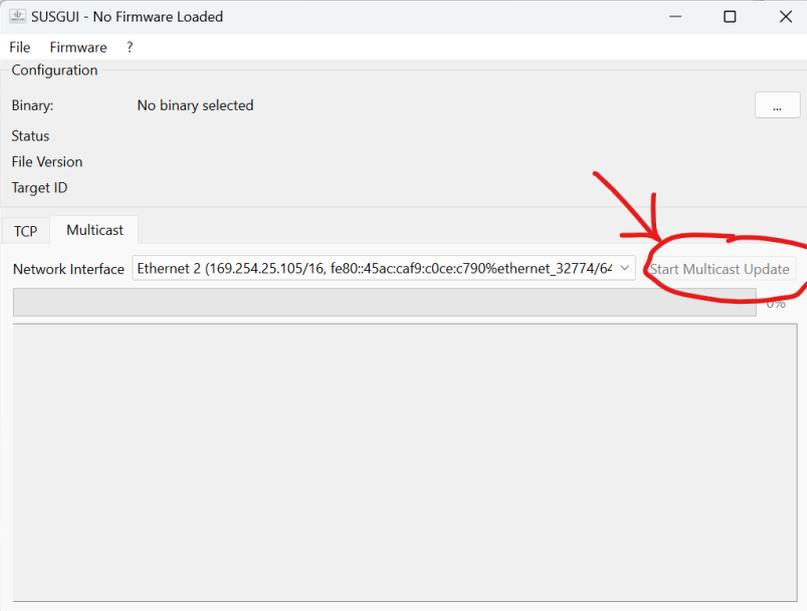
JDC2 IP
GLP JDC2 IP Firmware Update Guide V0.6.1
05/29/2024

5.)	<p>Select in "susgui-0.1.4." the binary file "JDC-2_0.6.1_sus.bin"</p> 
7.)	<p>In the SUSGUI software select the PC Network Interface that is connected to the JDC2. It will display the IP address of the PC ethernet adapter to help you identify the correct interface.</p> <div data-bbox="488 1234 1485 1330" style="border: 1px solid #ccc; padding: 5px;"><p> The IP address of the Windows PC can be set by typing "View network connections" into the windows search bar and right clicking on the relevant network adapter.</p></div> <p>Ensure you have the Multicast Tab Selected.</p> <p> TAKE CARE THAT WINDOWS OR ANY OTHER FIREWALL IS DISABLED</p>

GLP Tech Note



JDC2 IP
GLP JDC2 IP Firmware Update Guide V0.6.1
05/29/2024

8.)	<p>Press "Start Multicast Update"</p>  <p>The screenshot shows a window titled 'SUSGUI - No Firmware Loaded'. It has a menu bar with 'File', 'Firmware', and '?'. Below is a 'Configuration' section with fields for 'Binary' (No binary selected), 'Status', 'File Version', and 'Target ID'. There are two tabs: 'TCP' and 'Multicast'. The 'Multicast' tab is active, showing a 'Network Interface' dropdown menu set to 'Ethernet 2 (169.254.25.105/16, fe80::45ac:caf9:c0cec:790%ethernet_32774/64)'. To the right of the dropdown is a 'Start Multicast Update' button, which is circled in red with two red arrows pointing to it.</p>
9.)	<p>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>i The JDC2 display may not show any information during this time - just wait. Do not turn off or unplug the JDC2 during this process.</p>
10.)	<p>After transferring the data, the JDC2 will install it in the device. To do this, wait a few minutes.</p> <p>i 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. Do not turn off or unplug the JDC2 during this process.</p>
11.)	<p>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>i We recommend loading the factory settings data after a new installation.</p>