

<b>GLP JDC1 Firmware Change Log</b>		 <b>GERMAN LIGHT PRODUCTS</b>
<b>Date:</b>	<b>June 22, 2022</b>	
<b>Main changes from V1.91 to V1.95</b>		<b>June 22, 2022</b>
FEATURES	Added: Display Lock Push Button 1,2 and 4 together to lock and unlock the display	
BUG FIXES	Solved: Maximum Temperatures were not shown correctly in the information menu.	
UPDATE PROCESS	<p><b>1 file has to be updated via DMX/RS485:</b></p> <p>JDC-1 Main DMX V195_F1_71_20_F4_72_22.bin (via D2PROG or D3PROG)</p> <p>When importing the bin file to a DProg make sure that you choose the file type BIN before uploading the file to the programmer.</p> <p><b>Fixtures can be updated daisy chain via DMX. Please make sure that no other DMX receivers or consoles are active on the line</b></p> <p><b>If your fixture is on V1.78 or below you have to update the Bootloader first, before updating the main application.</b></p> <p>JDC-1_Main_UpData_BIV3_V4.bin (via D2PROG or D3PROG)</p>	
INFO	<p><b>Please take care with the new RDM commands. Factory Defaults will set back DMX start address and DMX Mode back to defaults!</b></p> <p><b>If the fixture is on version 1.78, still, please update the Bootloader first!</b></p>	

<b>Main changes from V1.90 to V1.91</b>		<b>April 5, 2022</b>
FEATURES	n/a	
BUG FIXES	<ul style="list-style-type: none"> <li>Solved: When mixing former MCU version PCBs with current MCU version PCBs in one single fixture ( e.g. in case of repair) the old version PCB can freeze.</li> </ul>	

UPDATE PROCESS	<p><b>1 file has to be updated via DMX/RS485:</b></p> <p>JDC-1 Main DMX V191_F1_70_20_F4_71_22.bin (via D2PROG or D3PROG)</p> <p>When importing the bin file to a DProg make sure that you choose the file type BIN before uploading the file to the programmer.</p> <p><b>Fixtures can be updated daisy chain via DMX. Please make sure that no other DMX receivers or consoles are active on the line</b></p>
INFO	<p><b>Please take care with the new RDM commands. Factory Defaults will set back DMX start address and DMX Mode back to defaults!</b></p> <p><b>If the fixture is on version 1.78, still, please update the Bootloader first as described below.</b></p>

<b>Main changes from 1.78/69/19 to V.190</b>		<b>March 7, 2022</b>
FEATURES	<ul style="list-style-type: none"> <li>Implemented new bootloader type: V4</li> <li>All PCB drivers will come from now on in 1 single file. No need to update different PCBs separately, anymore.</li> </ul> <p><b>THEREFORE THIS IS A MANDATORY UPDATE</b></p>	
BUG FIXES	<ul style="list-style-type: none"> <li>Default fixture settings via RDM was not working correctly</li> <li>Factory Settings via RDM was not working correctly</li> <li>Fixture timer was not working correctly.</li> <li>Changed Reset Timing</li> </ul>	

UPDATE PROCESS	<p><b>2 files have to be updated in sequence via DMX/RS485:</b></p> <p>1. JDC-1_Main_UpData_BIV3_V4.bin (via D2PROG or D3PROG)</p> <p><b>Repower the fixture when requested to. After repower the fixture will start with a flashing display, indicating awaiting the main application</b></p> <p>2. JDC-1 Main DMX V190_F1_70_20_F4_70_22.bin (via D2PROG or D3PROG)</p> <p>When importing the 2 bin files to a DProg make sure that you choose the file type BIN before uploading the files to the programmer.</p> <p><b>Fixtures can be updated daisy chain via DMX. Please make sure that no other DMX receivers or consoles are active on the line</b></p>
INFO	<p><b>Update is show critical. Take care that you don't lose power or connection during the update. So we don't suggest this update on site</b></p> <p><b>Please take care with the new RDM commands. Factory Defaults will set back DMX start address and DMX Mode back to defaults!</b></p>

Main changes from 1.75/68/19 to 1.78/69/19      September 25, 2019	
FEATURES	<ul style="list-style-type: none"> <li>• DMX: Added DMX Mode 6 (11CH Easy Mode )</li> <li>• RDM: added: Software Version Label</li> </ul>
BUG FIXES	<ul style="list-style-type: none"> <li>• <b>Solved a serious problem where LED drivers could get damaged sporadically.</b></li> </ul> <p><b>THEREFORE THIS IS A MANDATORY UPDATE</b></p>
UPDATE PROCESS	<p>The 2 driver files Main V1.78 and Led V69 have to be updated in sequence.</p> <p>When importing the 2 bin files to a D3Prog make sure that you choose the file type BIN before uploading the files to the programmer.</p> <p>Fixtures can be updated daisy chain via DMX. <b>Please make sure that no other DMX receivers or consoles are active on the line</b></p>

INFO	Update is not Show critical
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<b>Main changes from 1.71/68/18 to 1.75/68/19 , February 4, 2019</b>	
FEATURES	<ul style="list-style-type: none"> <li>RDM: added: get serial number via RDM; set Tilt reset disable/enable via RDM; set Tilt power On/Off via RDM</li> </ul>
BUG FIXES	<ul style="list-style-type: none"> <li>Minor RDM issues solved</li> <li>Position Feedback : In some circumstances Position Feedback was not working</li> </ul>
UPDATE PROCESS	<p>All 2 driver files (main V1.75 and tilt V19) have to be updated in sequence.  When importing the 2 bin files to a D3Prog make sure that you choose the file type BIN before uploading the files to the programmer.  Fixtures can be updated daisy chain via DMX. Please make sure that no other DMX receivers or consoles are active on the line</p>
INFO	Update is not Show critical

<b>Main changes from 1.62/68/18 to 1.71/68/18</b>	
FEATURES	<ul style="list-style-type: none"> <li>Added "Aggressive Mode"  In aggressive flash control mode, flash rate and duration are controlled as in normal flash mode, but if intensity on the plates is below 100%, the extra available power is pushed to the beam LEDs. This gives an even more powerful beam flash than in the other flash modes.</li> </ul> <p>If plate LEDs are at zero intensity, enabling aggressive flash mode will give maximum beam flash intensity. If you increase plate intensity, beam and plate output will be balanced to give the best performance. If you set plate intensity to maximum, beam intensity will be the same as in normal flash mode.</p>
BUG FIXES	<ul style="list-style-type: none"> <li>Various RDM Bug Fixes.</li> </ul>
UPDATE PROCESS	<p>All 3 driver files have to be updated in sequence.  When importing the 3 bin files to a D3Prog make sure that you choose the file type BIN before uploading the files to the programmer.  Fixtures can be updated daisy chain via DMX. Please make sure that no other DMX receivers or consoles are active on the line</p>

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<b><u>Main changes from 1.61/67/18 to 1.62/68/18</u></b>	
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FEATURES	
BUG FIXES	<ul style="list-style-type: none"> <li>• Timing problem for plate pixel solved.</li> <li>• (In some circumstances some plate color pixels had incorrect timing )</li> </ul>
UPDATE PROCESS	<p>All 3 driver files have to be updated in sequence.  When importing the 3 bin files to a D3Prog make sure that you choose the file type BIN before uploading the files to the programmer.  Fixtures can be updated daisy chain via DMX. Please make sure that no other DMX receivers or consoles are active on the line</p>
INFO	