

<b>GLP Firmware Change Log</b>		 <b>GERMAN LIGHT PRODUCTS</b>
<b>Product:</b>	<b>FR1 V132</b>	
<b>Date:</b>	<b>October 24, 2022</b>	

<b>Main changes from V124-14-17 to V132</b>		<b>2022-10-24</b>
FEATURES	<ul style="list-style-type: none"> <li>Added support for new driver ICs</li> </ul>	
BUG FIXES	<ul style="list-style-type: none"> <li></li> </ul>	
UPDATE PROCESS	<p>All fixtures below V130 have to be updated with 2 files in sequence.</p> <ol style="list-style-type: none"> <li>1. Bootloader: FR_1_Main_Up_BI_V3.bin</li> <li>2. Main application: FR1 Main DMX V132.bin</li> </ol> <p>The update should be done daisy chain via DMX/RS485 with D3Prog Version 42 or higher. When importing the bin files into a D3Prog (version 42 or higher) please make sure that you choose the file type BIN before uploading the file to the programmer.</p> <p>After uploading the first file (the bootloader) the fixtures display will keep flashing, showing the fixture is ready and waiting for the main application</p>	
<b>INFO</b>	<p><b>V124 is stable. However we do recommend all fixtures to update to V132, in order to be prepared for future updates.</b></p>	
Version Details	FR1 Main DMX V132.bin FR_1_Main_Up_BI_V3.bin	
<b>Main changes from V118-14-13 to V124-14-17</b>		<b>2022-06-22</b>
FEATURES	<ul style="list-style-type: none"> <li>Increased the minimum display contrast to 30</li> <li>Increased the minimum display wait to blackout time to 10 Before it was possible to set to 0 which caused an immediate display blackout</li> </ul>	

BUG FIXES	<ul style="list-style-type: none"> <li>• Fixed: bug in the performance settings</li> <li>• Fixed: Pan Movement position was calculated wrong in some circumstances</li> <li>• Reduced movement noise on Pan/Tilt</li> <li>• Fixed Bug in RDM</li> </ul>
UPDATE PROCESS	<p>Update can be done via DMX/RS485 with D3Prog Version 42 or higher. When importing the bin files into a D3Prog (version 42 or higher) please make sure that you choose the file type BIN before uploading the file to the programmer.</p> <p><b>Two Files have to be uploaded in sequence.</b> First the main file, second the the motor file. (FR-1 Main V124.bin , FR-1 Motor V17.bin )</p>
<b>INFO / Warning</b>	<b>Major Update ! This Update is show critical ! Because of fixing bugs in the performance settings</b>
Version Details	Main V124.bin Motor V17.bin
<b>Main changes from V115-13-12 to V118-14-13 <span style="float: right;">2018-09-26</span></b>	
FEATURES	<ul style="list-style-type: none"> <li>• Changed DMX Hold to different options: Blackout, Hold, Stand Alone, DMX Shot</li> <li>• Added Movement Performance: Normal, Fast, Smooth.</li> </ul>
BUG FIXES	<ul style="list-style-type: none"> <li>• n/a</li> </ul>
UPDATE PROCESS	<p>Update can be done with D3Prog Version 42 or higher. When importing the bin file into a D3Prog (version 42 or higher) please make sure that you choose the file type BIN before uploading the file to the programmer.</p> <p>Fixtures have to be updated ISP with an additional adapter cable from D-Prog to the Main PCB. Files have to be uploaded in sequence. First the main file, second the LED file, third the motor file.</p>
<b>INFO / Warning</b>	<b>Major Update ! This Update is show critical! Because of the implementation of the performance settings</b>

Version Details	Main V118.bin LED V13.bin Motor V14.bin
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<b>PREMIER RELEASE V15-13-12</b>	<b>2018-06-11</b>
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Version Details	Main V115.bin LED V13.bin Motor V12.bin
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