

# GLP Firmware Change Log



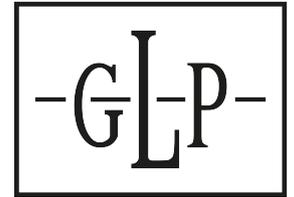
GLP MatrixEye 2/4 Firmware Log V1.0.3 - 29 March 2026 Rev2

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.

29 Mar 2026 / Main changes from V1.0.2 (BL3.2.0) to V1.0.3 (BL3.2.0)	
<b>Update via iQ.Service: iQ.Tool or iQ.Mesh</b>	
FEATURES	<ol style="list-style-type: none"><li>1. Increased menu time-out from 10s to 30s</li><li>2. Added Menu: Information: Signal Quality</li></ol>
Bug Fixes	<ol style="list-style-type: none"><li>1. Corrected tungsten dimming curves: fixtures turn on as fast as original DWE blinders</li><li>2. Corrected boost mode dimming in DWE mode</li><li>3. Pixel mirror now mirrors alongside the given axis</li><li>4. Removed debug-raw color mix mode</li></ol>
UPDATE PROCESS	<p>When you are coming from version 1.0.2, you only have to update the main firmware as described below:</p> <ol style="list-style-type: none"><li>1. <b>Main Software Update V1.0.3 via iQ.Service &gt; iQ.Tool</b>, daisy chained via DMX / XLR. Just choose the upper right toolbox within the app, choose fixture update, your fixture type and the desired firmware and update. Once the main software is transferred and the app has finished, the fixtures could might need another minute for internal firmware distribution. Also an error can show up during a calibration upload.</li></ol> <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;"><p><b>i</b> <b>If you loose power during the update</b>, don´t worry you can start manually at any time. select in the upper right toolbox: &gt; Fixture Update &gt; Manual Update &gt; Matrix Eye 4 or Matrix Eye 2 and then the desired firmware. It will need about 4 minutes.</p></div> <div style="border: 1px solid #ccc; padding: 5px;"><p><b>i</b> <b>If an iQ.Mesh update is needed, set the input protocol to iQ.Mesh. You can do this easily via the iQ.Service Tools (upper right toolbox)</b> &gt; RDM Manager &gt; Set to iQ.Mesh. Once set to iQ.Mesh you have to leave the iQ.Tool ( upper left: &lt;) Scan for fixtures and update all fixtures to the latest <b>iQ.Mesh version 6.0.31</b>, or later After this a creative config update could follow. If you want to work with the fixtures via DMX afterwards, do not forget to change the input now back to DMX. RDM Manager &gt; Set to DMX.</p></div>
INFO	<p>Matrix Eye 2 / 4 Version 1.0.3 ; Bootloader V3.2.0 iQ.Service Version 2.3.0, or later. iQ.Mesh Version 6.0.31 or later After the update a power cycle is needed ( iQ.Service can show an error until this has been done)</p>

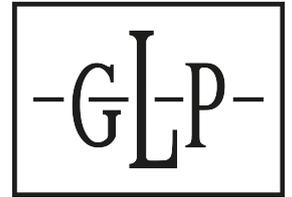
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<p>11 Feb 2026 / <b>Main changes from V0.2.11 (BL3.0.1) to V1.0.2 (BL3.2.0)</b></p> <p>An iQ.Tool is needed for the update.</p>	
FEATURES	<ol style="list-style-type: none"> <li>1. Improved dimming in all Modi 1 - 5</li> <li>2. Improved colors for low intensity values</li> </ol>
Bug Fixes	<ol style="list-style-type: none"> <li>1. Fixed Bug in Mode 1, generic, heads can be controlled now separately, again.</li> <li>2. Fixed a bug in the Tungsten emulation channel. Timing does now work as expected.</li> </ol>
UPDATE PROCESS	<ol style="list-style-type: none"> <li>1. <b>Update the bootloader to V3.2.0 with iQ.Service and an iQ.Tool</b>, daisy chained via DMX/XLR.                      The display will go off and could stay off.                      Please just wait the 5 minutes timer for internal firmware distribution, until the app asks you to proceed with step 2.</li> <li>2. <b>Main Software Update V1.0.2 via iQ.Service &gt; iQ.Tool</b>, daisy chained via DMX / XLR.                      Just proceed with step 2 and choose the firmware the app will show automatically.                      Once the main software is transferred and the app has finished, the fixtures could might need another minute for internal firmware distribution. Also an error can show up during a calibration upload.</li> </ol> <div style="border: 1px solid #ccc; padding: 10px; margin-top: 10px;"> <p><b>i</b> <b>If you loose power during the update</b>, don't worry you can start step 1 or 2 manually at any time.                      Just with the bootloader programmed on the fixture only, the fixture will not show up automatically in the app, and the display can stay off.                      For step 2, select in the upper right toolbox:                      &gt; Fixture Update &gt; Manual Update &gt; Matrix Eye 4 or Matrix Eye 2 and then the desired firmware. It will need about 4 minutes.</p> </div> <div style="border: 1px solid #ccc; padding: 10px; margin-top: 10px;"> <p><b>i</b> <b>If an iQ.Mesh update is needed, set the input protocol to iQ.Mesh. You can do this easily via the iQ.Service Tools (upper right toolbox)</b>                      &gt; RDM Manager &gt; Set to iQ.Mesh.                      Once set to iQ.Mesh you have to leave the iQ.Tool ( upper left: &lt;)                      Scan for fixtures and update all fixtures to the latest <b>iQ.Mesh version 5.6.3</b>, or later                      After this a creative config update could follow.</p> <p>If you want to work with the fixtures via DMX afterwards, do not forget to change the input now back to DMX. RDM Manager &gt; Set to DMX.</p> </div>
INFO	<p>Matrix Eye 2 / 4 Version 1.0.2 ; Bootloader V3.2.0                      iQ.Service Version 1.30.6, or later. iQ.Mesh Version 5.6.3                      After the update a power cycle is needed ( iQ.Service can show an error until this has been done)</p>

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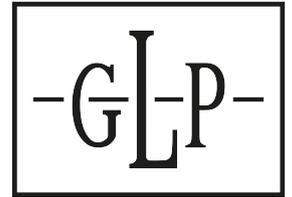


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<p>14 Nov 2025 / <b>Main changes from V0.2.4-rc11 (BL3.0.1) to V0.2.11 (BL3.0.1)</b></p> <p>An iQ.Tool is needed because iQ.Mesh comes with this update, if you are on version 0.2.4.11 or earlier</p>	
FEATURES	<ol style="list-style-type: none"> <li>1. Implemented All DMX Modi 1 - 5</li> <li>2. Implemented iQ.Mesh</li> <li>3. Improved Dimming</li> </ol>
Know issues	<ol style="list-style-type: none"> <li>1. In Mode 1, DWE, all heads react combined, on the first head channel</li> <li>2. RDM Identify sometimes does not go off. With a fixture reset you can get the fixture back to normal. (Control channel at 255)</li> </ol>
UPDATE PROCESS	<ol style="list-style-type: none"> <li>1. <b>First update the bootloader BL3.0.1 with iQ.Service and iQ.Tool if needed.</b>   <b>If you are coming from a regular V0.2.4-rc7 or V0.2.4-rc11 install you can proceed with step 2. Any other earlier or later version will need a Bootloader update in advance.</b>                       The display will go off. Please wait 5 minutes after the App says finished. The display could stay off, so please allow the fixture these 5 minutes for internal updates of the bootloaders. You can proceed with the main update, if you are asked for it in ME2/ME4 display menu, if the displays turns on automatically. If not just wait 5 minutes before you proceed with step 2.                 </li> <li>2. <b>Main Software Update via iQ.Service &gt; iQ.Tools</b>  <b>Coming from step 1:</b>                      As the fixtures are in Bootloader Mode now, they won't show up in the App as fixtures because they just cannot be found in their Bootloader mode, and the display could still be off.                      Therefore you have to start the main update in the upper right tools box manually:                      Select Fixture Update &gt; Manual Update &gt; Matrix Eye 4 or Matrix Eye 2 and then the desired firmware. It will need about 3 minutes. After this you can update the iQ.Mesh.   <b>Without step 1, direct Main firmware update:</b>                      Choose from the upper right toolbox &gt; fixture update &gt; Matrix Eye &gt; V0.2.11 &gt; Update                      The transfer and the update will need about 3 minutes.                 </li> <li>3. <b>Set all fixtures to input protocol iQ.Mesh to update iQ.Mesh.</b>                      You can do this easily via the iQ.Service Tools ( upper right toolbox)                      &gt; RDM Manager &gt; Set to iQ.Mesh.                      Once set to iQ.Mesh you have to leave the iQ.Tool ( upper left: &lt;) Scan for fixtures and update all fixtures to the latest <b>iQ.Mesh version 5.3.74</b>.                      After this a creative config update should follow.                      During step 2 and step 3 the heads could light up at any time.                      If you want to work with the fixtures via DMX afterwards, do not forget to change the input now back to DMX. RDM Manager &gt; Set to DMX.                 </li> </ol>
INFO	<p>This update is show critical !!! DMX Chart changed !!!</p>

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28 Jul 2025 / Main Changes from <b>V0.2.4-rc.7</b> to V0.2.4-rc11 / BL V3.0.1	
FEATURES	<ul style="list-style-type: none"><li>• Second fieldtest version</li><li>• Various improvements and bugfixes</li></ul>
INFO	<b>Update is show critical !!! DMX Chart changed !!!</b> Please make sure not to loose power during the complete update process!
01 Jun 2025 / <b>First fieldtest Version V0.2.4-rc.7</b>	
FEATURES	na/
INFO	<b>Update is show critical !!! DMX Chart changed !!!</b> Please make sure not to loose power during the complete update process!