GLP Firmware Change Log

GLP MAD MAXX IP Firmware Log V0.19.1 - 5 August 2026 Rev8

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.

05 Aug 2026 **/ Changes from V0.13.16.24 to V0.19.1 BL3.4.1**

an iQ.Tool is needed because of the mandatory Bootloader update.

NEW FEATURES & IMPROVEMENTS	• Added No-Signal Options • Added Test Options: Test Sun Protection, Test Fans, Test Color Wheels • Added Pattern
BUG FIXES	• Fixed an error in the temperature regulation, which could have caused limited output. • FX Tungsten indices are now as specified in the DMX chart. They were offset by -10.
UPDATE PROCESS	**All Fixtures need 2 consecutive updates** **1.) Update the Bootloader to V3.4.1 with the iQ.Service App and an iQ.Tool,** this can be done daisy chained via DMX/XLR. Once connected and fixtures are found inside the iQ.Service App > iQ.Tool, choose the upper right toolbox within the app, choose bootloader update, your fixture type and the desired bootloader and update your fixtures. **During this step, the display could go off and could stay off.** Please wait the 5-minute timer running in the app for the internal firmware distribution, until the app asks you to proceed with step 2, even if the display stays off. **2.) Update the main software to version 0.19.1 via iQ.Service > iQ.Tool,** daisy chained via DMX / XLR. Just choose the suggested firmware V0.19.1 and proceed or choose upper right toolbox within the app, choose fixture update, your fixture type and the desired firmware and update. Once the main software is transfered and the app has finished, the fixtures could might need another 3 minutes for internal firmware distribution.
INFO	⚠ **Please make sure that no other DMX receivers or consoles are active and fixtures Control Protocol is set to DMX and do not cut power during the update process!** **A power cycle after the update is needed to perform and secure all internal updates are executed correctly.** **After the update, fixtures can be on factory settings.**
VERSION PACKAGES	Mad-Maxx_0.19.1_BOOTDMX.bin (Main BL3.4.1) Mad-Maxx_0.19.1_DMX.bin (Package), iQ.Mesh 6.0.35 or later, iQ.Service App 2.10.4 or later

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GLP German Light Products GmbH, Industriestrasse 2, 76307 Karlsbad, Germany, Managing Director: Udo Künzler

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30 Oct 2025 **/ Changes from V0.13.16-rc.21 to V0.13.16-rc.24 (0.13.16.24)**	
CHANGES and BUG FIXES	• Automatically recognizes if a defogging fan is added. • Remove experimental DMX mode 4. • Added: Release sun protection position via DMX and Menu.
UPDATE PROCESS	If your fixture is on version **0.13.14-rc.7** or later, just update via iQ.Service App the main firmware version to **V0.13.16-rc.24** and no further work has to be done. During the update the fixtures display could go off at any time. If your fixture is below 0.13.14-rc.7 please see the bootloader update instructions the following pages. **For updating the main software, just connect your fixtures via iQ.Mesh or to an iQ.Tool.** 1. Start firmware update via iQ.Service > upper right toolbox > fixture updates. 2. Choose Mad-Maxx CW, select the latest firmware version and start the update. 3. The display could go of during any time of the update. 4. Once the transfere of the software to the fixture has been finished, please allow the fixture to spread the firmware internally. 5. Once this is done the fixture will start a reset and the update is finished
	⚠ **Please make sure that no other DMX receivers or consoles are active and fixtures Control Protocol is set to DMX and do not cut power during the update process!** **A power cycle after the update is needed to perform and secure all internal updates are executed correctly.** **After the update, fixtures can be on factory settings.**
INFO	This update is show critical as the experimental DMX Chart 4 has been removed.

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21 Jul 2025 **/ Changes from V0.13.15-rc.10 to V0.13.16-rc.21 (0.13.16.21)**	
BUG FIXES	• **Urgent bug fix** for the temperature recognition and the mains line detection which caused fixtures sometimes to dim down and caused a reduced light output. • • fixed a bug where fixtures sometimes rebooted when used @110V •
UPDATE PROCESS	If your fixture is NOT below version 0.13.14-rc.7 update via iQ.Service App to 0.13.16-rc.21 and no further work has to be done. During the update the fixtures display could go off for a long time **If your fixture IS BELOW version 0.13.14-rc.7 :** 1. You have to update the bootloader first to version 3.0.1, via iQ.Service App 2. Update the main fimware via iQ.Service App 3. Restore the fixture version in the Quick Menu according to the fixtures serial number **Bootloader Update via iQ.Tool if your fixture has not installed BL V3.0.1.** **(This BL 3.0.1 will come with V0.13.14-rc.7)** During the BL Update the displays will go off and stay off for a very long long time !! 1. Start BL upload via iQ.Tools. 2. The displays will go off at about 1m35s +- or earlier. **give the fixture another 3 minutes to spread the sw internally.** 3. **The display will stay off after this when the BL update is finished !!!** 4. Now, your IQ.Tool won't show any fixtures (because it is in BL mode) 5. Display is still off and the fixture looks dead, DON´T WORRY. 6. Start Fixture Update > Manual Update V0.13.15-rc.10 (0.13.15.10) 7. The display still won´t turn on for another long 4 minutes. 8. The iQ.Tool shows update result: success 9. **Still the displays are staying off for another 1m 30s .... EVEN when the tool is finished.** 10. **This is the needed time to push the firmware internally.** **If this Bootloader update has been made you have to set the fixture type version after the SW update inside the Quick menu.** For this, please see the fixtures serial number and set the fixture type in the quick menu . Example: MadMaxx SNXXX43-XXXXX use 43 MadMaxx SNXXX31-XXXXX use 31 **In case of any doubt, please contact our support team**
VERSION DETAILS	0.13.16.21 / 3.0.1
26 May 2025 **/ Changes from V0.13.15-rc6 to V0.13.15-rc.10 (0.13.15.10)**	
BUG FIXES	**fixed a bug in the sun protection behaviour**

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UPDATE PROCESS	If your fixture is NOT below version 0.13.14-rc.7 update via iQ.Service App to 0.13.15.10 and no further work has to be done. During the update the fixtures display could go off for a long time **If your fixture IS BELOW version 0.13.14-rc.7 :** 1) You have to update the bootloader first to version 3.0.1, via iQ.Service App 2) Update the main fimware via iQ.Service App 3) Restore the fixture version in the Quick Menu according to the fixtures serial number **Bootloader Update via iQ.Tool if your fixture has not installed BL V3.0.1.** **(This BL 3.0.1 will come with V0.13.14-rc.7)** During the BL Update the displays will go off and stay off for a very long long time !! 1. Start BL upload via iQ.Tools. 2. The displays will go off at about 1m35s +- or earlier. **give the fixture another 3 minutes to spread the sw internally.** 3. **The display will stay off after this when the BL update is finished !!!** 4. 5. Now, your IQ.Tool won't show any fixtures (because it is in BL mode) 6. Display is still off and the fixture looks dead, DON´T WORRY. 7. Start Fixture Update > Manual Update V0.13.15-rc.10 (0.13.15.10) 8. The display still won´t turn on for another long 4 minutes. 9. The iQ.Tool shows update result: success 10. **Still the displays are staying off for another 1m 30s .... EVEN when the tool is finished.** 11. **This is the needed time to push the firmware internally.** **If this Bootloader update has been made you have to set the fixture type version after the SW update inside the Quick menu.** For this, please see the fixtures serial number and set the fixture type in the quick menu . example: MadMaxx SNXXX43-XXXXX use 43 MadMaxx SNXXX31-XXXXX use 31 **In case of any doubt, please contact our support team**
VERSION DETAILS	0.13.15.10 / 3.0.1
26 Mar 2021 **/ Changes from V0.13.14-rc9 to V0.13.15-rc.6 (0.13.15.6)**	
FEATURES	Introduced Sun Protection Support for CRMX
BUG FIXES	Fixed a Bug in sACN universe settings

29 Apr 2025 **/ Changes from V0.13.14-rc.7 to V0.13.14-rc9 (0.13.14.9)**	
Features	Add job offsets

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23 Mar 2025 **/ Changes from V0.13.14-rc.6 to V0.13.14-rc7 (0.13.14.7)**	
FEATURES	Added Art-Net
BUG FIXES	Fixed Issue in reset routine
INFO	Bootloader Change to V3.0.1 !!!!

21 Mar 2025 **/ Fieldtest Version V0.13.14-rc6 (0.13.14.6)**	
FEATURES	n/a
BUG FIXES	Bootloader Change
INFO	Bootloader Change to V3.0.0 !!!!

01 Mar 2025 **/ Fieldtest Version V0.13.14-rc1 (0.13.14.1)**	
FEATURES	New DMX Chart
BUG FIXES	Art-Net and sACN does not work
INFO	CHANGED DMX CHART - Version is show critical !!!!!

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