

# GLP Firmware Change Log



Fusion Stick FS16Z / Fusion Stick FS16Z Firmware Log V1012 / 04/25/2024

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.

- [09 Apr 2024 / Main changes from V1011 to V1012](#)
- [21 Mar 2023 / Main changes from V1009 to V1011](#)
- [29 Nov 2022 / Main changes from V1006 to V1009](#)

## 09 Apr 2024 / Main changes from V1011 to V1012

IMPROVEMENTS	<ul style="list-style-type: none"><li>• Added: DMX Mode 6 and DMX Mode 7<ul style="list-style-type: none"><li>- Mode 6: Pixel 16bit with 143 DMX channels</li><li>- Mode 7: Compressed Pixel 16 bit with 133 DMX channels</li></ul></li></ul>
UPDATE PROCESS	<p><b>Update via Fusion Stick PC Update Software V103</b> via USB to XLR Connector item code 4930108: "Firmware Updater for Fusion FS10/ FS20/ FP7/FS16Z"</p> <p><b>Please make sure that no other DMX receivers or consoles are active on the line and fixtures Control Protocol is set to DMX</b> <b>All fixture settings will be reset to factory defaults after the main application update</b></p>
VERSION DETAILS	STICK_FS_16Z_XLR_V1012.FSN

## 21 Mar 2023 / Main changes from V1009 to V1011

IMPROVEMENTS	<ul style="list-style-type: none"><li>• Added RDM Factory Defaults</li></ul>
UPDATE PROCESS	<p><b>Update via Fusion Stick PC Update Software V103</b> via USB to XLR Connector item code 4930108: "Firmware Updater for Fusion FS10/ FS20/ FP7/FS16Z"</p> <p><b>Please make sure that no other DMX receivers or consoles are active on the line and fixtures Control Protocol is set to DMX</b> <b>All fixture settings will be reset to factory defaults after the main application update</b></p>

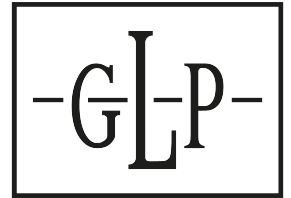
No responsibility taken for misprints, errors and technical changes.


Technical data is subject to change without notice as a result of product modification.

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VERSION DETAILS	STICK_FS_16Z_XLR_V1011.FSN
29 Nov 2022 / <b>Main changes from V1006 to V1009</b>	
BUG FIXES	<ul style="list-style-type: none"><li>• Fixed: LED Inverse and Zoom inverse function</li></ul>
UPDATE PROCESS	<ul style="list-style-type: none"><li>• <b>Update via Fusion Stick Updater V1.03</b></li></ul> <div><b>The fixtures can be updated daisy chain via DMX/RS485 USB to DMX Adapter. Please make sure that no other DMX receivers or consoles are active on the line and fixtures Control Protocol is set to DMX</b></div>
INFO	 <b>This update is show critical as dimming, colormix and shutter behavior is changed</b>
VERSION DETAILS	STICK_FS_16Z_XLR_V1009.FSN