



Software Release Note

Genelec Loudspeaker Manager GLM 4™

Software Version 4.1.2

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GLM 4 Version 4.1.2 for Mac and Windows PC computers

GLM 4 software allows users of Genelec Smart Active Monitors and Subwoofers to connect, configure and control their monitoring system and minimise the unwanted acoustic influences of the room. GLM 4.1.2 is a free upgrade that offers several important bug fixes and firmware updates.

This update is highly recommended for all GLM 2, GLM 3 and GLM 4 users.

To get all the benefits and improvements from this release, please update the GLM software and perform all the firmware updates that GLM 4.1.2 suggests for devices in your system.

Computer requirements

	Windows 10 – 11 (64-bit)	macOS 10.11 – 12.0.x Intel CPU	macOS 11.0 – 12.0 Apple Silicon CPU
GLM 4 application with Cloud AutoCal2	Compatible	Compatible	Compatible (uses Rosetta)
Local AutoCal Package	Compatible	Compatible	Not compatible
Hard Disk Space	2 GB minimum		
Internet Connection	An internet connection is needed during GLM installation and during GLM AutoCal calibration for <ul style="list-style-type: none"> • downloading software* • using GLM AutoCal for calibration** • getting a microphone calibration file automatically during the first use of the Local AutoCal package 		

* Link to the software download is www.genelec.com/glm

** A separate install for the Local GLM AutoCal (v1) package is available for computers having no internet connectivity.

Fixes in GLM Version 4.1.2

- Fix for issue which prevented the RF remote from working when the 9310 wired volume controller is connected to the GLM adapter.
- Access to the Start Calibration button in the Woofer System Calibration page now functions correctly. Previously, if GLM was maximised it was impossible to click the Start Calibration button in the Woofer System Calibration page.
- Fix for the level panel location bug. Now, if the level panel is chosen to be located at the bottom right corner of the screen, it will appear correctly rather than at the midpoint of the screen.
- Firmware update issues with the 1234A and 9301A AES/EBU products are fixed. Previously, a bug prevented the updating of these models.
- When using the local AutoCal package, the measured room response is now visible in the AutoCal page.
- Improved USB controller (Griffin Powermate) handling now prevents crashes on Mac computers.
- Improved USB handling now prevents random Mac crashes when the GLM adapter is removed or connected.

- The network timeout is now set to be shorter for the WooferCal function.

Java Log4j Vulnerability

News about [Java Log4j vulnerability](#) was announced in early December 2021. Previous local AutoCal packages include this library, and therefore might be found when scanning a computer. The Log4j library is never used by AutoCal and is an older version that is not vulnerable, so users of AutoCal packages are safe.

However, for total peace of mind, we are providing a new local AutoCal installer whenever the Log4j library is removed. These installer packages are available from any GLM download page dated 22.12.2021 or later.

Firmware updates for SAM monitors, subwoofers and the GLM adapter

Firmware updates are necessary to ensure that your SAM system can support all the features, continues to have the highest performance, and to make your system and calibration work better. Firmware updates may also be suggested by GLM for other products, if these products have not been updated earlier. Please see the instructions below to check if updates are available.

The firmware update is started within GLM software, in the *Info Feature*. The steps required to check and update the firmware depend on whether you have previously run any system setups.

Steps to apply firmware updates for users that have completed at least one system setup, which is now actively running.

- One at a time - right click on each monitor, subwoofer or network adapter icon in the GLM software main page and choose "Show Info" to open the info popup.
- See the Firmware Version info field. The update button is active if an update is available, then press the "Update" button to update the firmware.
- **Wait until the device is back online. This usually takes less than one minute.**
- Repeat the process for all monitors on the GLM network.

Steps to apply firmware updates for users that are setting up for the first time, and have not completed any system setup yet.

- Connect the GLM adapter to the computer, and connect the monitors and subwoofers to the GLM adapter.
- Launch GLM and create a system layout.
- Define a Group.
- Skip AutoCal and AutoPhase (by pressing the 'skip' button).
- Save the Setup with any name.
- The main window will now open.
- Right click on each monitor, subwoofer or network adapter icon in the GLM software main page and choose "Show Info" to open the info popup.
- See the Firmware Version info field. The update button will be active if an update is available, then press the "Update" button to update the firmware.
- **Wait until the device is back online. This usually takes less than one minute.**
- Repeat the process for all monitors on the GLM network.
- Perform the acoustic calibration by selecting Group: Edit Group menu.

More information

To download GLM software, read the GLM operation manual and to find out more, please visit genelec.com/glm.

If you have any questions, please do not hesitate to contact us at support@genelec.com!

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