



Software Release Note

Genelec Loudspeaker Manager GLM™ Software Version 5.2.1

GENELEC®

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GLM 5.2.1 for Mac and Windows PC computers

GLM software allows users of Genelec Smart Active Monitors and Subwoofers (SAM) to connect, configure and control their SAM Monitoring system and minimise the unwanted acoustic influences of the room. GLM 5.2.1 is a free upgrade that offers a host of new features, plus several important bug fixes and firmware updates.

This update is highly recommended for all GLM 2, 3, 4 and 5 users.

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

Computer requirements

	Windows 10 – 11 (64-bit)	macOS 10.11 – 26.x Intel CPU	macOS 11.0 – 26.x Universal Binary Apple Silicon CPU
GLM application with Cloud AutoCal2	Compatible	Compatible	Compatible
Local AutoCal Package**	Compatible	Compatible	Not supported
Hard Disk Space	2 GB minimum		
Internet Connection	<p>An internet connection is needed during GLM installation and during GLM AutoCal/WoofersCal calibration for:</p> <ul style="list-style-type: none"> • Downloading software * • Using GLM AutoCal for calibration ** • Using GLM WoofersCal for calibration • Ordering Genelec Room Acoustic Evaluation report (GRADE) • Registration of the monitors in My Genelec service • Obtaining the microphone calibration file automatically during the first use of the Local AutoCal package • Obtaining the headphone calibration file when Personal Reference Monitoring system is used 		

* Link to the software download is <http://my.genelec.com/>. (Requires free MyGenelec user account.)

** A separate install for the Local GLM AutoCal (v1) package is available for computers that have no internet connectivity. Genelec recommends the use of Cloud AutoCal2 as the Local AutoCal has limited support.

Improvement in GLM Version 5.2.1

- Calibration issue is now resolved when recalibrating a group.
- Fixed GLM Adapter/9320A communication after computer sleep.
- Updated BM bypass and Calibration bypass button states.
- Calibration bypass button states are indicated with colour: green when calibration is active, red when calibration is by-passed, grey when calibration is disabled or the system is not calibrated.

- Bass Management (BM) bypass button states: green when BM is active, red when it is bypassed, grey when it is disabled because the bass management is not in use.
- Level display pop-up window displays regardless of GLM window active status.
- BM filter controls are blocked for W371 and 8381A monitors.
- For listening level calibration, GLM sets 9320A output to 'none' during the calibration process.
- Firmware updates for: 8381A (improved driver diagnostic impedance measurement), 9320 (correct hardware version detection), GLM adapter, two-ways/subs (1.14.5.6281), three-ways (1.24.07.6270), GLM Adapter (1.4.0).
- Added missing crossover frequencies for BM.
- Factory measurement issue fixed for 8381A.
- Larger grid choices added: XLarge, XXLarge, XXXLarge.
- Logging now includes date and time stamps.

There are also other unspecified improvements.

New firmware included in this GLM release

Two-ways and subwoofers version 1.14.5.6281 improvements and fixes after version 1.12.1

- Resolved GLM settings overwrite issue for subwoofers.
- Improved handling of startup level adjustments.
- Digital signal detection timing improved.
- Digital detection deactivated when using analogue setup.
- ISS detection now aligns with input selection.
- Applied 1.5 dB hysteresis to ISS level detection functionality.
- Implemented a two-second mute following sine sweep tests.
- Addressed sound leakage and LED indication problems related to GLM Mute and out-of-group scenarios.
- Achieved silent power-up for 8320A ISS (resolved PA-mute initiation).
- Expanded ISS time range capability of the device.
- Fixed boot "boom" issue for models 7360–7380.
- Corrected unwanted wakeup incidents for 8320A ISS.

Applies to models: 8320A, 8330A, 8340A, 8350A, 1032C, 6040R, S360, 7350A, 7360A, 7370A, 7380A

Three-way version 1.24.07.6270 improvements and fixes after version 1.20.2-

- Digital detection deactivated when using analogue setup.

- For models 8381A & 9301B, Digital signal detection timing improved.
- 8381A Driver diagnostic impedance measurement limits fine tuned
- Sine sweep generator now features a 2-second mute after sweep completion.
- ISS detection now aligns with input selection.
- ISS Sleep/Wake hysteresis set to 1.5dB.
- Issues with GLM mute, out of group sound leakage, and LED indication have been addressed.
- EPL bug has been fixed.
- Expanded ISS time range capability of the device.
- Digital error LED is disabled when operating in pure analog setup.
- Update includes adjustments to LED flash rate and sequence.

Applies to models: 8331A, 8341A, 8351B, 8361A, W371A, 8381A, 9301B

GLM Adapter 1.4.0 improvements and fixes after 1.3.1

- RF remote interaction has been improved. RF remote disable can be set on and off.
- Improved Sleep & Wake functionality.
- Mute activate level changed to -100.5 dB
- Maximum volume can be set in the Adapter (System Level Restriction) for stand-alone use. Stand-alone means that GLM software is not running.

Genelec 9320A SAM™ Reference Controller 1.6.0 firmware update

- Displays input sample rate when USB input is selected.
- Shows "Not streaming" if USB input is selected without playback.
- Corrected a hardware version display issue.

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 in new GLM releases, to ensure that your system continues to have the highest performance, and to make your system and calibration work better. Firmware updates for other products may also be suggested by GLM, if the firmware in these products is not up to date. When a firmware update is suggested, we recommend that the updates should be done. Please see the instructions below to check if updates are available.

The firmware update is started within the GLM software using a button shown in the 'Info' display for a product. The steps required to check and update the firmware vary depending 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.

- Right click on a 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. This field shows if a device has an available update or if it is up-to-date. If an update is available, press the 'Firmware' button to open the firmware update page. The adapter firmware update starts directly and the next step can be skipped.
- Check the 'Update' check box for the monitors that need to be updated and press the 'Update' button.
- Wait until all the devices have been updated and are back online.

Steps to apply firmware updates for users that are setting up for the first time and have no completed system setups yet.

- Connect the GLM Network Adapter to the computer and connect the monitors and subwoofers to the GLM Network Adapter.
- Launch GLM and create a system layout.
- Define a Group.
- Save the Setup with any name.
- Skip the AutoCal and AutoPhase (by pressing the 'skip' button). 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. This field shows if a device has an available update or is up-to-date. If an update is available, press the 'Firmware' button to open the firmware page. The adapter firmware update will start directly and the next step can be skipped.
- Check the 'Update' check box for the monitors that need to be updated and press the 'Update' button.
- Wait until all the devices have been updated and are back online.
- Run the acoustic calibration by selecting the menu item 'Group Preset : Calibrate'.

Long-term compatibility

GLM 5 supports all SAM Monitors, Subwoofers and Woofer Systems manufactured since 2006. This exceptionally long support for compatibility of the GLM monitoring solution means that not only does GLM continuously developed but is an incredibly secure, scalable and future-proof system – providing an security for investment you can count on for years to come. Consult the list below to find the complete list of compatible SAM Monitoring devices.

SAM Monitors:

8240A, 8250A, 8260A, 8320A, 8330A, 8340A, 8350A, 8331A, 8341A, 8351A, 8351B, 8361A, W371A woofer system and 8430A.

SAM Main Monitors:

8381A, 1032C, S360A, 1237A, 1238A, 1238AC, 1238CF, 1238DF, 1234A, 1234AC, 1235A and 1236A.

SE System:

8130A when used with SE7261A SE System subwoofer.

SAM Subwoofers:

SE7261A, 7260A, 7270A, 7271A, 7350A, 7360A, 7370A, 7380A and 7382A.

Other SAM system devices:

9301A AES/EBU Interface, 9301B AES/EBU Interface, 8300-416 GLM Calibration Set, 9401A System Management Device for Audio-over-IP Networking and 9320A SAM™ Reference Controller.

More information

To download GLM software and read the GLM Operating Manual, please visit my.genelec.com. Accessing and downloading in MyGenelec requires creation of a free user account and submitting basic personal details, enabling Genelec to support you in the future. Once you've done that, simply log in to MyGenelec, select the 'Software' tab and look for 'GLM'.

To learn more about GLM, please visit www.genelec.com/glm.

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

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