

# GLM 4™ Release Note

Genelec Loudspeaker Manager

Software Version 4.0.0



**GENELEC®**  
the sonic reference

# Software Release Note

## GLM 4 Version 4.0.0 for Mac and Windows PC computers

GLM 4 is a major free upgrade to hugely popular GLM software for audio monitor system setup, calibration and control. GLM 4 offers the users of Genelec Smart Active Monitors the benefits of Mac Catalina compatibility, an elegant new user interface, and a host of valuable new features. By minimising the room’s distracting acoustic influence on the sound quality, GLM 4 provides an unrivalled and truthful sonic reference - wherever the user chooses to work. GLM 4 therefore powers creativity, producing mixes that translate consistently to other rooms and playback systems.

This update is highly recommended for all GLM 2 and GLM 3 users. GLM 4 may offer you also firmware updates for products. To get all benefits and improvements, please update GLM software as well as the firmware inside every device you have in the system.

### Computer requirements

|  | Windows 10 (64-bit)   | macOS 10.11 – 11.0.1<br>Intel CPU | macOS 11.0.1<br>Apple Silicon CPU   |
|--|---|-----------------------------------|-------------------------------------|
| <b>GLM 4 application</b><br>with Cloud Autocal | <b>Compatible</b>   | <b>Compatible</b>                 | <b>Compatible</b><br>(uses Rosetta) |
| <b>Local Autocal Package</b>                   | <b>Compatible</b>   | <b>Compatible</b>                 | Not compatible                      |
| <b>Hard Disk Space</b>                         | 2 GB minimum  |                                   |                                     |
| <b>Internet Connection</b>                     | An internet connection is needed during GLM installation and during GLM AutoCal calibration for <ul style="list-style-type: none"> <li>• downloading software*</li> <li>• using GLM Autocal for calibration**.</li> <li>• getting a microphone calibration file automatically at the first use of the Local Autocal package.</li> </ul> |                                   |                                     |

\* Link to the software download is [www.genelec.com/glm](http://www.genelec.com/glm) \*\* A separate install for Local GLM AutoCal Package is available for computer having no Internet connectivity.

## Features in GLM Version 4.0.0

### New Look and Feel

GLM 4 comes with a brand-new user interface for faster, more intuitive and easier navigation. Created in conjunction with leading industrial designer Harri Koskinen, the new user interface fuses clean, attractive aesthetics with a unique character that users will find logical and hugely satisfying. Koskinen’s inspired hexagonal design also supports the idea of natural growth, in the sense that GLM helps develop the user’s own listening skills and allows a monitoring system to be easily expanded from mono to complex immersive as the user’s needs evolve.

### Dark and Light Themes

GLM 4 comes with light and dark colour themes and installs with the dark theme. The theme can be selected in the menus.

### Expanding Language Options

GLM 4 supports multiple languages. It installs with the English as the default language and enables the user to select Chinese, Finnish, German, Japanese, Korean and Spanish languages.

## Genelec Cloud GLM AutoCal Supports Advanced Room Calibration

GLM 4 integrates decades of research data from thousands of studios worldwide. GLM 4 integrates with the DSP within each Smart Active Monitor, allowing each monitor and subwoofer to be individually calibrated for the user's acoustic environment, supporting systems ranging from mono and stereo system to immersive layouts containing up to 80 monitors and subwoofers. GLM's reference microphone allows the user's room acoustics to be accurately analysed, after which GLM's AutoCal feature optimises each monitor and subwoofer for level, distance delay, subwoofer crossover phase and room response equalisation. GLM 4 uses Genelec Cloud computing service to calculate the AutoCal calibration, offering important benefits in enabling always the newest calibration algorithms to be used.

### Import of GLM 3 Setup Files

GLM 3 Setup files can be imported into GLM 4. The original GLM 3 setup file remains unchanged and can be still used with GLM 3. The imported file content defaults to be saved in the GLM 4 working area. The imported GLM 4 formatted setup file cannot be opened in GLM 3. Retain the original GLM 3 setup file for that purpose.

### Continuing Support for 8300-416 GLM Adapter and Measurement Microphone

GLM 4 software calibrates and controls Genelec SAM monitors and subwoofers using Genelec Network Adapter model 8300-416 (see image). GLM 4 supports the GLM Kit containing this Adapter and a Measurement microphone calibrated at Genelec factory in Iisalmi, Finland. A firmware update may be offered for the GLM Adapter by GLM 4 software to enable the newest features.



### Continuing Compatibility for All SAM Monitors and Subwoofers

GLM 4 continues to support all SAM monitors, subwoofers and woofer systems, making GLM 4 and Genelec Smart Active Monitors an extremely secure, scalable and future-proof long-term investment. All Genelec Smart Active Monitors since 2006 are supported. Please consult the table below for a complete list of the compatible SAM products.

**SAM Monitors models** include **8200 monitor family:** 8240A, 8250A, 8260A; **8300 monitor family:** 8320A, 8330A, 8340A, 8350A, 8331A, 8341A, 8351A, 8351B, 8361A, W371 woofer system; **8400 monitor family:** 8430A; **1000 and 1200 monitor families:** 1032C, S360A, 1237A, 1238A, 1238AC, 1238CF, 1238DF, 1234A, 1234AC, 1235A, 1236A; **SE system:** 8130A when used with SE7261A subwoofer (SE System)

**SAM Subwoofer models** include SE7261A, **7200 family:** 7260A, 7270A, 7271A; **7300 family:** 7350A, 7360A, 7370A, 7380A, 7382A

**Other SAM devices** include 9301A AES/EBU Interface, 8300-416 GLM Adapter

### Unlimited MultiPoint Measurement Positions

GLM 4 now supports unlimited calibration microphone positions. During the GLM AutoCal process, the primary microphone position is measured first and then the user is free to continue measuring as many microphone positions as needed to cover the listening area.

### More information

For more information about GLM 4 software, please click link [GLM](http://www.genelec.com/glm) (<http://www.genelec.com/glm>). Here you can download the latest GLM 4 software. If you have any questions, please do not hesitate to contact us!

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