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**\*\*\*Please note that this release is embargoed until Thursday July 15th 2021 at 10.00 CEST.**

**We’d appreciate your understanding in keeping this information confidential until then\*\*\***

Press Release

**New Genelec GLM 4.1 celebrates 15 years**

**of truthful reference monitoring**

**Iisalmi, Finland, July 2021**…..Genelec – the global leader in professional loudspeakers – is marking the 15th anniversary of its much-loved [GLM loudspeaker manager software](https://www.genelec.com/glm) with the introduction of GLM 4.1, which is compatible with all [Genelec Smart Active Monitors](https://www.genelec.com/sam-studio-monitors-subwoofers) and Subwoofers. This update offers significant new features and improvements, thanks to the debut of the next generation AutoCal 2 automatic room calibration algorithm – which delivers a more precise frequency response in a fraction of the time than was previously possible.

Drawing on the data from thousands of real world room calibrations, GLM 4.1 gives the user supreme control over a room’s detrimental acoustic influences, producing mixes that translate even more consistently to other rooms and playback systems. Originally introduced in 2006 and based on decades of research, GLM integrates seamlessly with the intelligent DSP hardware within each Genelec Smart Active Monitor, allowing each monitor and subwoofer to be networked, configured and individually calibrated for the user’s specific acoustic environment.

GLM’s reference microphone kit allows the user’s room acoustics to be accurately analysed, after which each monitor and subwoofer can be automatically calibrated for relative level and relative distance delay, plus subwoofer crossover phase and frequency response. At that point the user has many options for personalisation if required - including the calibration of absolute listening level in dB SPL, according to global broadcast, OTT, gaming and film standards. This level of flexibility makes GLM the perfect tool both for users looking to fine tune an already excellent room, and those working in more challenging spaces not originally designed for creative use.

With the wide range of listening rooms being used for production today, GLM 4.1 specifically improves the calibration of spaces that are more acoustically ‘lively’ than was once the norm, and assists those choosing to monitor at ultra nearfield (UNF) distances right down to 50 cms – which is now growing in popularity as a bridge between in-room and headphone monitoring.

GLM 4.1’s new AutoCal 2 feature takes advantage of detailed background information of each monitor in a system, producing a quicker and more accurate discrimination between direct and reflected sound. The fast calibration speed is further enhanced by a completely new 64 bit architecture and fresh, lean code. GLM 4.1 is therefore a powerful tool for mobile audio engineers and creatives who are regularly working in different locations. That mobility is also supported by GLM 4’s choice of Cloud-based and local storage of settings.

Users of the [8331A](https://www.genelec.com/8331a), [8341A](https://www.genelec.com/8341a), [8351B](https://www.genelec.com/8351b) and [8361A](https://www.genelec.com/8361a) models from ‘The Ones’ series of coaxial three-way point source monitors will welcome the new ability of GLM 4.1 to extend phase linearity right down to 100 Hz. With coaxial monitors, phase linearity is a valuable feature because it improves off-axis performance and stabilises UNF imaging too. GLM 4.1 accurately time aligns all the monitors in a room, across types, taking The Ones’ wide phase linearity setting into account.

Other new features in GLM 4.1 include an increased number of EQ filters offering more flexibility, weighting refinements when taking advantage of GLM’s unlimited number of microphone measurement points, and a Solo-X mode for faster soloing of monitors when working with immersive content. Finally, through the addition of French, Italian and Portuguese language options, international users of GLM 4.1 are now able to choose from 10 user languages.

“The AutoCal calibration algorithm has always been the backbone of GLM,” comments Genelec Managing Director Siamäk Naghian. “So I can think of no better way of celebrating GLM’s 15th anniversary than with the launch of AutoCal 2 as part of the new GLM 4.1 release. In those 15 years we have gradually seen intelligent loudspeaker calibration become universally recognised as the most reliable path to creating a true sonic reference – and we are proud to keep leading the way.”

For more information please visit [www.genelec.com](http://www.genelec.com)

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***About Genelec***

*Since the founding of Genelec in 1978, professional audio monitoring has been at the core of the business. An unrivalled commitment to research and development has resulted in a number of industry firsts and established Genelec as the industry leader in active monitors. Over 40 years later Genelec monitoring products remain true to the original philosophy, offering reliability, neutral sound reproduction regardless of size, as well as the ability to adapt to the acoustic conditions of the listening environment. Genelec customers receive paramount support in the field, from acoustical advice and calibration services to technical service and long product life span. Buying a Genelec product is a secure long-term investment in outstanding and reliable audio monitoring.*

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