

How Low Can You Go?

Genelec 7382 SAM™ Studio Subwoofer



GENELEC®

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With a frequency response down to 15 Hz, and a maximum SPL in excess of 130 dB, the 7382 is Genelec's most powerful subwoofer. Combining power and precision with flexible calibration and bass management features, the 7382 is designed for use in recording studios, film mixing facilities, mastering suites, post-production houses, EDM playback and premium home theatres, and integrates perfectly into any system from simple stereo to 40+ channels of immersive audio.

Power With Precision

The 7382 contains three 15-inch custom-designed high-performance woofers driven by a powerful 2500 W Class D amplifier and housed in a rugged, braced, high quality wood fibreboard enclosure, with a laminar flow bass reflex port running along its entire rear wall. A careful system-design ensures satisfaction of all three major sub requirements: high SPL, low frequency cutoff and low distortion with precise bass articulation even at the very lowest frequencies.

Flexible Bass Management

Electronics are integrated into a 3U high remote amplifier module RAM-SW, fitting a standard 19 in rack, with powerful Digital Signal Processing algorithms, active crossover filters, overload protection and power amplifier. Analogue and digital I/O both support distributed bass management with GLM™, and the crossover frequency is variable between 50 Hz and 100 Hz in 5 Hz increments. A separate 'LFE IN' connector allows easy set-up and accurate monitoring of the LFE channel in multichannel sound systems with a fixed bandwidth of 120 Hz and selectable +10 dB boost where required.

GLM Software: Configure, Calibrate and Control

When placing subwoofers in a room, obtaining an acceptably flat frequency response is a science, without which meaningful translation to other playback systems is lost. As part of the growing SAM family of Genelec monitors and subwoofers, the 7382 tightly integrates with GLM software, via which it can be configured, calibrated and controlled. Using GLM, any Genelec SAM device can be incorporated into a system configurable from simple stereo to large immersive formats.

GLM helps placing monitors physically, and it enables consultation with our user support through its Cloud-based extension. The 7382 furthermore comes with integrated processing to compensate for detrimental room anomalies. Its processing draws on decades of acoustical and perceptual research - combined with data from thousands of listening rooms - which helps GLM's AutoCal™ function to intelligently decide exactly which room effects to compensate for. After automatic calibration of level, time-of-flight, room response, bass management etc., personal preferences and standards (e.g. X-curve) may even be entered without the use of any external equipment.

In daily operation, GLM doubles as a comprehensive Mac or PC-based monitor controller: listen at calibrated levels according to loudness standards and invoke solo and mutes. Switch between formats, monitoring systems and primary listening positions. Move entire systems in time to retain sync with picture. The list goes on, and your integrated GLM monitor controller is always available; without burdening Pro Tools or any other upstream device.

Pioneering Technology – Made in Finland

Since its founding, Genelec design philosophy has been based on sustainable development and environmental values, aiming to deliver performance-driven, tonally neutral monitoring systems for audio professionals. Conservation of natural resources and efficient use of materials and energy as well as long product lifetime are essential to us.








The 7382 subwoofer boasts the most modern technology and the highest level of LF performance available. All electronics, drivers and enclosure are designed, assembled, tested and individually calibrated in the Genelec factory in Iisalmi, Finland.



- **Laminar flow reflex port** design provides extended and unparalleled low frequency performance.
- **Three custom-designed 15-inch long throw woofers** deliver high SPL with low distortion and minimal power compression.
- **2500 W Class D amplifier with SMPS** technology produces high output and features universal mains input voltage for convenient world-wide operation.
- **Quality electronic design** and precision DSP algorithms ensure high dynamic range and low self-generated noise.
- **Versatile connectivity** for adjustable bass management and optimised LF system performance. AES/EBU compatibility and separate LFE input.
- **Integration with GLM software** for total system control and automated room calibration features.
- **3U high Remote Amplifier Module RAM-SW** for flexible installation. NL4 Speakon-connector. Temperature controlled forced air cooling provides extremely low-noise operation and excellent reliability. It can also be installed in the listening space.
- **Rugged cabinet** of premium quality wood fibreboard is heavily braced to eliminate structural resonances and vibration. Four integrated handles provided for easier manoeuvrability and installation.
- **Sustainability and green values.** Efficient use of materials, low energy consumption and extremely long lifetime by design.

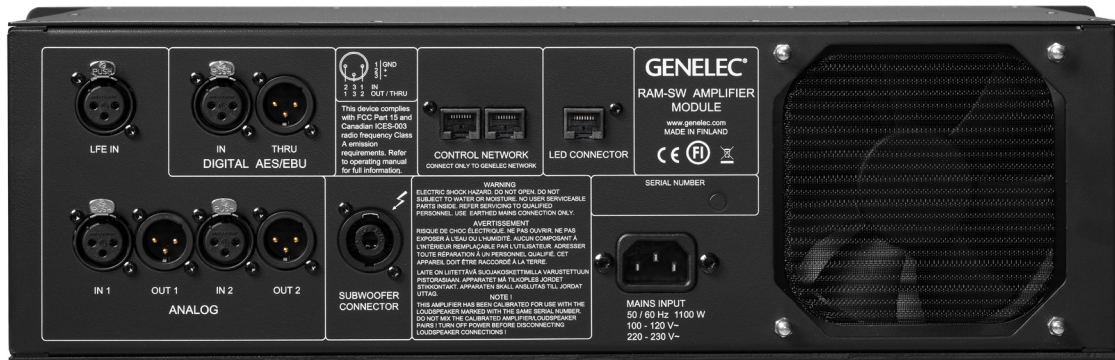
Technical Specifications

7382 SAM System

	129 dB ¹ 133 dB ²		H 625 x W 1400 x D 558 mm H 24 5/8 x W 55 1/8 x D 21 15/16 in RAM-SW: 3U / 19 in
	15 Hz - 100 Hz (-6 dB) 15 Hz - 120 Hz (-6 dB) (LFE)		Enclosure: 145 kg / 320 lb RAM-SW: 11.3 kg / 25 lb
	3 x 381 mm (15 in)		2.1 XLR analogue inputs 2.0 XLR analogue outputs 2 x XLR AES/EBU input / output 2 x RJ45 control network
	2500 W (Class D)		

1) Maximum short-term sine wave sound pressure level averaged from 30 to 85 Hz, measured in half space at 1 metre.
2) Maximum peak SPL output with pink noise, measured in half space at 1 metre (long-term output is limited by driver unit protection circuitry).

Remote Amplifier Module RAM-SW Connector Panel



Optional Accessories

The Genelec 9301 facilitates 7.1 multichannel AES/EBU digital audio bass management for the 7300 Series of SAM subwoofers. Multiple subwoofers with 9301 units can be used for higher channel-count immersive playback environments requiring bass management.



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Detailed data sheets of all Genelec models, Quick Setup Guides and other useful information can be downloaded at www.genelec.com

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