

# Loud and Clear.

Genelec S360 SAM™ Master Studio Monitor



**GENELEC®**

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The S360 delivers reference-quality monitoring for applications where the requirement is high SPL for multiple listeners; and when compromising on predictability, speech intelligibility or sound quality is not an option.

## High SPL, Small Footprint

Housed in a compact, low diffraction enclosure with premium quality Finnish woodwork, the S360 features a further enhanced 10-inch high efficiency and minimal distortion woofer based on Genelec's Master Series, and a completely integrated extended Directivity Control Waveguide DCW™ supporting its 1.7-inch titanium diaphragm compression tweeter. A thirty-two mm (1 ¼ in) thick front baffle and critical bracing minimise panel vibration for pristine sound quality.

The S360 is a precision monitor with neutral and well-controlled sound characteristics on its acoustical axis, uncoloured off-axis response, and 95-degree (horizontal) to 75-degree (vertical) dispersion for accurate directivity control across the entire audio band. Like other new SAM monitors, it features constant acoustic group delay above the lowest octaves, i.e. linear phase response, without introducing latency incompatible with production requirements.

The S360's fusion of high SPL and compact size makes it perfect for demanding film, post and music production, including play-live monitoring. In combination with a subwoofer, the S360 satisfies the demands of premium home theatres, EDM playback or Dolby film mixing even in rooms where the listening distance exceeds 10 metres (33 feet).

## Flexible Mounting Options

The S360 provides numerous enclosure mounting points, and its system electronics can be either integrated or placed remotely using the 2U high rack installation kit. Versatile mounting is further supported by down-firing flow optimised laminar integrated reflex ports LIP™, also making it suitable for use in conjunction with perforated screens. To focus low frequency output while preventing vibration transfer and air turbulence, S360 includes an innovative Iso-Plate™, which effectively decouples the monitor from its base when standing. Tailor-made S360 mounting brackets for wall, ceiling, stand and truss installation may be acquired separately.

## GLM Software: Configure, Calibrate and Control

As part of the growing SAM family of Genelec monitors and subwoofers, the S360 integrates with GLM™ software, via which it can be set up and controlled. Using GLM, any Genelec SAM device can be incorporated into a system configurable from simple stereo to large immersive formats.

The S360 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 adjustment of level, time-of-flight, room response, bass management etc., personal preferences and standards (e.g. X-curve) may be applied.

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 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.

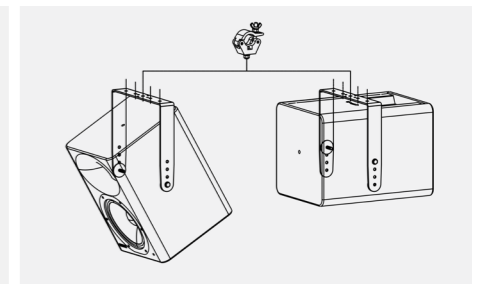
The S360 monitor packs the most modern technology and the highest performance in a compact way. All electronics, drivers and enclosure are designed, assembled, tested and individually calibrated in the Genelec factory in Iisalmi, Finland.



Genelec Loudspeaker Manager (GLM)



Amplifier rack installation kit



Mounting bracket

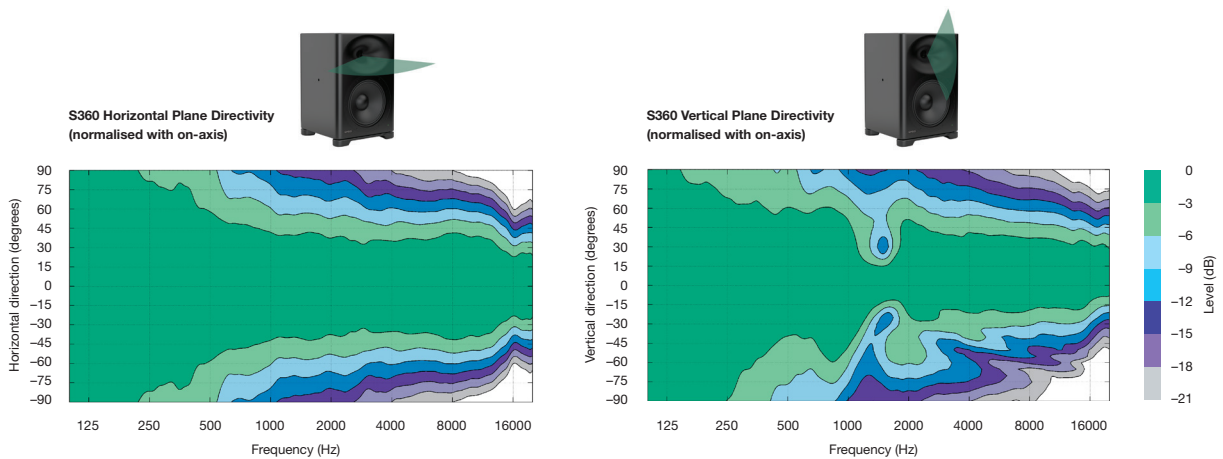
- **High efficiency LF and HF drivers** deliver high SPL performance with precision and low distortion.
- **Directivity Control Waveguide (DCW)** technology provides a wide and controlled listening area, minimizing early reflections for accurate sound reproduction on the acoustical axis and off-axis.
- **Genelec-designed Class D amplifiers with SMPS** technology produce high output and feature universal mains input voltage for convenient worldwide operation.
- **Quality electronic design** and precision DSP algorithms ensure high dynamic range and low self-generated noise.
- **Integration with GLM software** for total system control and automated room calibration features.
- **Down-firing reflex ports** provide accurate and noise-free bass output and are compatible with in-wall and perforated screen installation.
- **Integrated Iso-Plate** effectively decouples the monitor from its base via lossy fixing, preventing colouration caused by conduction of unwanted vibration to the mounting surface.
- **Sustainability and green values.** Efficient use of materials, low energy consumption and extremely long lifetime by design.

# Technical Specifications

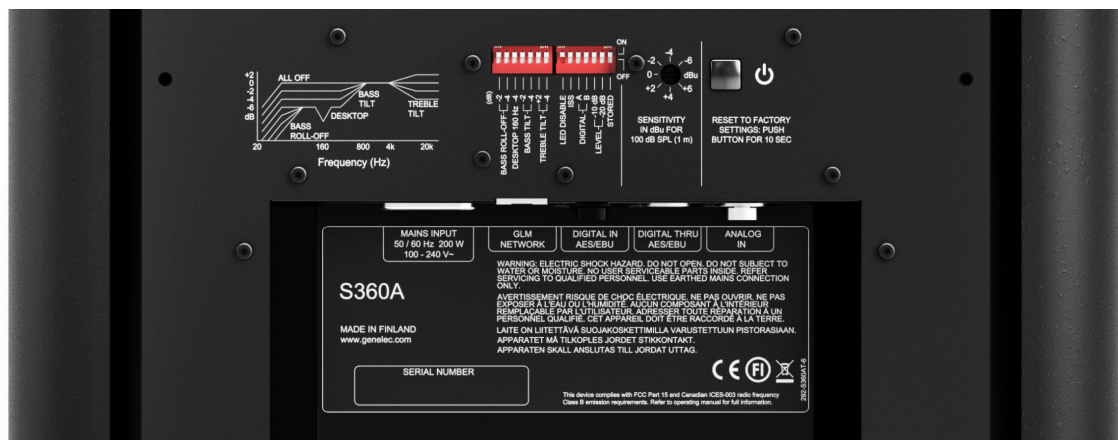
## S360 SAM System

118 dB <sup>1</sup>	1400 Hz	H 530 x W 360 x D 360 mm H 20 7/8 x W 14 3/16 x D 14 3/16 in with integrated Iso-Plate
36 Hz – 22 kHz (-6 dB)	Woofer 250 mm (10 in), Compression tweeter 44 mm (1.7 in) into 25 mm (1 in) throat + DCW	30 kg / 66 lb
± 2 dB (39 Hz - 19 kHz)	Woofer 250 W, Tweeter 100 W (all Class D)	1 x XLR analogue input 2 x XLR AES/EBU input / output 2 x RJ45 control network

<sup>1</sup> Maximum short-term sine wave sound pressure level averaged from 100 Hz to 3 kHz, measured in half space at 1 metre. Peak levels are higher. This number tends to under-estimate headroom by 4 dB, based on typical immersive standards and audio content. For more detailed information, please contact Genelec.



## Genelec S360 Connector Panel



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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](http://www.genelec.com)

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