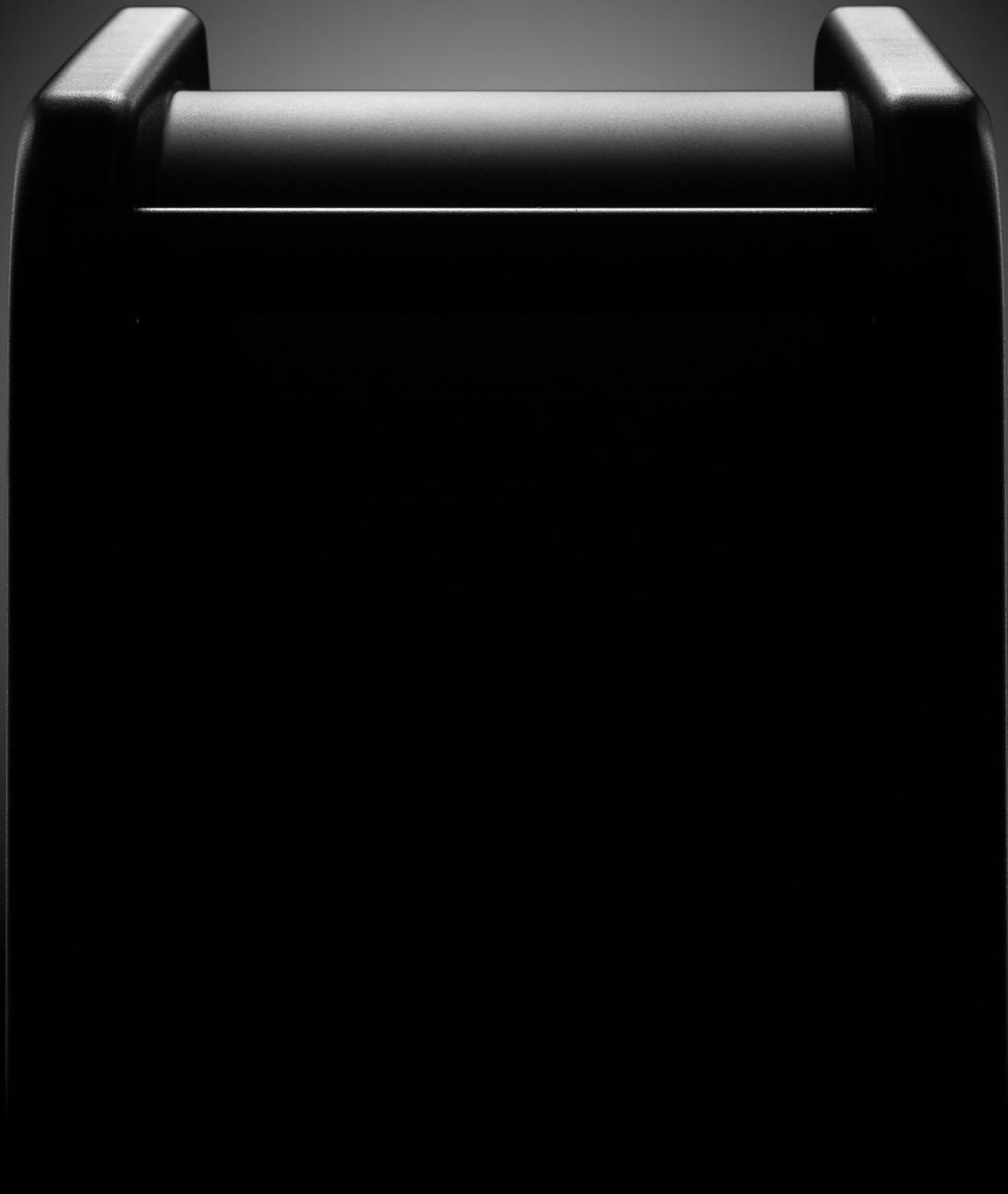


# Genelec 7050C

Active Subwoofer



GENELEC®

# Small Footprint. Huge Performance.

*For those demanding a compact subwoofer that delivers extended low frequency performance, generous SPL and professional bass management features, the 7050C is the natural choice. As the newest and most advanced version of the ever-popular 7050 model, the 7050C is the perfect partner for any nearfield monitor, particularly Genelec's own 8010, 8020, 8030 and M030 models.*

## Power With Precision

What distinguishes the performance of Genelec's subwoofers is their ability to generate very high sound pressure levels with minimum distortion, achieved through the unique Laminar Spiral Enclosure design. This LSE technology allows the 8-inch woofer of the 7050C - driven by a powerful Class D amplifier stage - to move enough volume of air to achieve a maximum SPL of 103 dB: an impressive 3 dB increase over its predecessor, but with total precision and clarity.

The 7050C LSE enclosure is made from a spiral-shaped strip of steel, providing maximal mechanical stability for the large pressures generated inside the subwoofer. The spiral forms the bass reflex port as well, enabling linear air flow even at the highest SPL outputs. This flow-optimized construction is what enables both low frequency capacity and low distortion performance - resulting in precise bass articulation right down to 24 Hz.

## Superior Management Skills

The onboard bass management section enables the 7050C to filter low frequency information from the main channels and take responsibility for handling it - thus increasing the headroom and reducing the distortion of your main monitors, which can then focus their energies on the rest of the frequency spectrum.

The bass management section of the 7050C features five input and output channels with 85 Hz low-pass/high-pass filters, plus a discrete 120 Hz LFE signal input with selectable +10 dB boost to restore the normal level of the LFE channel in the way that a typical AV processor would. These extra features bring the 7050C closely in line with Genelec's other professional subwoofers and make it equally comfortable working in stereo or multichannel audio systems.

## Your Flexible Friend

The 7050C also comes with a comprehensive set of rear panel DIP switches to allow you to optimise your system for your room, by adjusting subwoofer phase and low frequency roll-off, engaging the +10 dB LFE level, and also allowing you to activate and control the sensitivity of the Intelligent Signal Sensing (ISS) power-saving mode, which reduces the unit's power consumption down to a mere 0.5 W in standby mode.

## 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 monitor and subwoofer 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 Genelec 7050C subwoofer packs the most modern technology and the highest performance into an extremely compact package. All electronics, amplifier circuitry, drivers and enclosure are designed, assembled, tested and individually calibrated in the Genelec factory in Finland.



- 01 **Laminar Spiral Enclosure (LSE™)** design provides extended low frequency performance.
- 02 **Genelec-designed Class D amplifier** technology provides high SPL with very low distortion.
- 03 **Small footprint** is ideal in compact production environments.

- 04 **Professional bass management** for optimised LF system performance.
- 05 **Universal mains input voltage** allows easy world-wide connectivity to mains power.
- 06 **Phase matching and bass roll-off controls** enable calibration to any acoustic space.
- 07 **Sustainability and green values.** Efficient use of materials, low energy consumption and designed for many years of reliable service.

# Technical Specifications



## 7050C

<b>Maximum sound pressure level<sup>1</sup></b>	103 dB
<b>Free field frequency response</b>	Main channels 24 Hz–85 Hz (-6 dB) LFE channel 24 Hz–120 Hz (-6 dB)
<b>Drivers</b>	8 inch
<b>Amplifier power</b>	130 W
<b>Dimensions H x W x D</b>	410 x 350 x 319 mm, 16 <sup>1</sup> / <sub>8</sub> x 13 <sup>3</sup> / <sub>4</sub> x 12 <sup>9</sup> / <sub>16</sub> inch
<b>Weight</b>	17.3 kg / 38.1 lb
<b>Connectors</b>	5.1 XLR analog inputs, 5 x XLR analog outputs

1) Maximum short term sine wave sound pressure level averaged from 30 to 85 Hz, measured in half space at 1 meter



Genelec 7050C connector panel.

### Factory and Headquarters

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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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