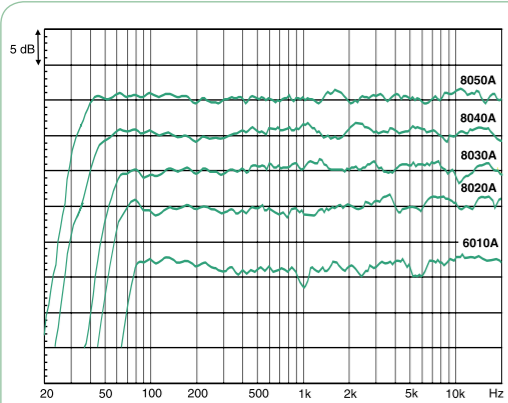


8000 Series Features and Benefits

“A monitoring loudspeaker shall reveal the truth about the program being monitored. It shall not add anything to nor remove or mask anything contained in the program. The monitoring system shall be neutral in its reproduction, and the effects of its operating environment shall be minimized.” In Genelec’s quest for this ultimate goal, the 8000 Series represents the culmination of almost 30 years of experience. These pages are dedicated to highlighting some of the innovations incorporated in the 8000 Series loudspeakers and the 6010A active loudspeaker.



The MDE™ Minimum Diffraction Enclosure

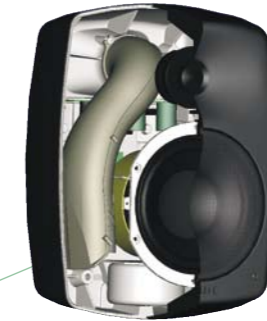
In order to improve frequency and power responses, Genelec has designed a highly innovative enclosure, featuring rounded edges and gently curved front and sides. In addition to unsurpassed frequency response, the minimized cabinet edge diffraction yields superb imaging qualities.

Genuine Genelec quality

The Genelec name stands for accuracy, exceptional reliability and consistency. Since 1978 Genelec has pioneered groundbreaking solutions in active monitoring. The calibrated controls allow precise balancing of the response to differing acoustical conditions. Dedicated and matched very low distortion amplifiers, advanced driver protection and magnetic shielding are included as standard.

Advanced Genelec DCW™

The revolutionary DCW™ has been further enhanced to provide extremely accurate control of the speaker’s directivity. This specially shaped and very smooth surface is integrated with the enclosure and its area has been maximized to achieve an astoundingly flat on and off-axis frequency response. It provides a wide and consistent listening window, minimizes harmful early room reflections and other colorations associated with conventional designs.



High performance reflex port design

To increase the woofer’s low frequency extension and SPL capacity, Genelec has designed an ingenious flow optimized reflex port. The long, curved tube maximizes airflow so deep bass can be reproduced without compression. The tube terminates with a wide flare, minimizing port noises and providing excellent bass articulation.



Versatile mounting features

The monitor can be optimally positioned with the new versatile mounting features. These consist of integrated rear support points for wall and floor stands plus a further 3/8" (8020A, 8030A) or M10 (8040A, 8050A) thread for mounting at the bottom.

Optimized die-cast aluminium structure

Genelec has developed a very stiff and sturdy, yet thin and light die-cast aluminium enclosure. The cabinet wall curvature has been designed for best rigidity-to-weight ratio and optimal damping to minimize wall resonances. This also maximizes the internal volume improving LF-efficiency. The extremely durable semi-matt finish and acoustically optimized metal grilles allow for intensive handling without damaging the monitor.



Iso-Pod™ Isolation Positioner/Decoupler as standard

Every Genelec 8000 series monitor comes with an Iso-Pod™ (Isolation Positioner/Decoupler™) as standard. The rubber based Iso-Pod™ has adjustable speaker tilt so that the acoustical axis can be pointed precisely towards the listener for best sound reproduction. The isolation feature prevents coloration caused by conduction of unwanted vibration to the mixing console or other mounting surface.

Low distortion drivers with sophisticated filtering technique

The new technology drivers were designed in every detail for minimized distortion, smooth response and reliability. The crossover filtering was carefully designed to complement each drive unit and to have a rapid and smooth transition between the drivers. Together with the MDE™ enclosure these improvements mean improved resolution and less listening fatigue over the entire audio spectrum.

