Active Monitors and Loudspeakers

PRO AUDIO
HOME AUDIO
AV INSTALLATION

GENELEC®

Contents

Innovative Technologies

Directivity Control Waveguide (DCW™) Technology

Directivity Control Waveguide (DCW) for flat on- and off-axis response.

Iso-Pod™ Stand

Vibration decoupling Iso-Pod stand improves sound image definition.

Laminar Integrated Port (LIP™) Technology

Laminar Integrated Port (LIP) allows for precise bass reproduction.

Laminar Spiral Enclosure (LSE™) Technology

Highly efficient Laminar Spiral Enclosure (LSE) provides accurate low frequency reproduction.

Minimum Diffraction Enclosure (MDE™) Technology

Minimum Diffraction Enclosure (MDE) for uncoloured sound reproduction.

Reflex Port Design

Advanced reflex port design for extended low frequency response.

Versatile Mountings

Versatile mounting options for all installation needs.

Active Crossovers

Active crossover operating at low signal levels.

Bass Management System

Bass Management System handles multichannel low frequency content.

Intelligent Signal Sensing (ISS™) Technology

Intelligent Signal Sensing (ISS) for power consumption reduction in stand-by mode.

Optimised Amplifiers

Each transducer is driven by its own optimised amplifier.

Protection Circuitry

Sophisticated drive unit protection circuitry for safe operation.

Room Response Compensation

Precise room response compensation for optimising in-room performance.

Smart Active Monitor (SAM™) Systems

Systems feature automatic calibration to the environment.

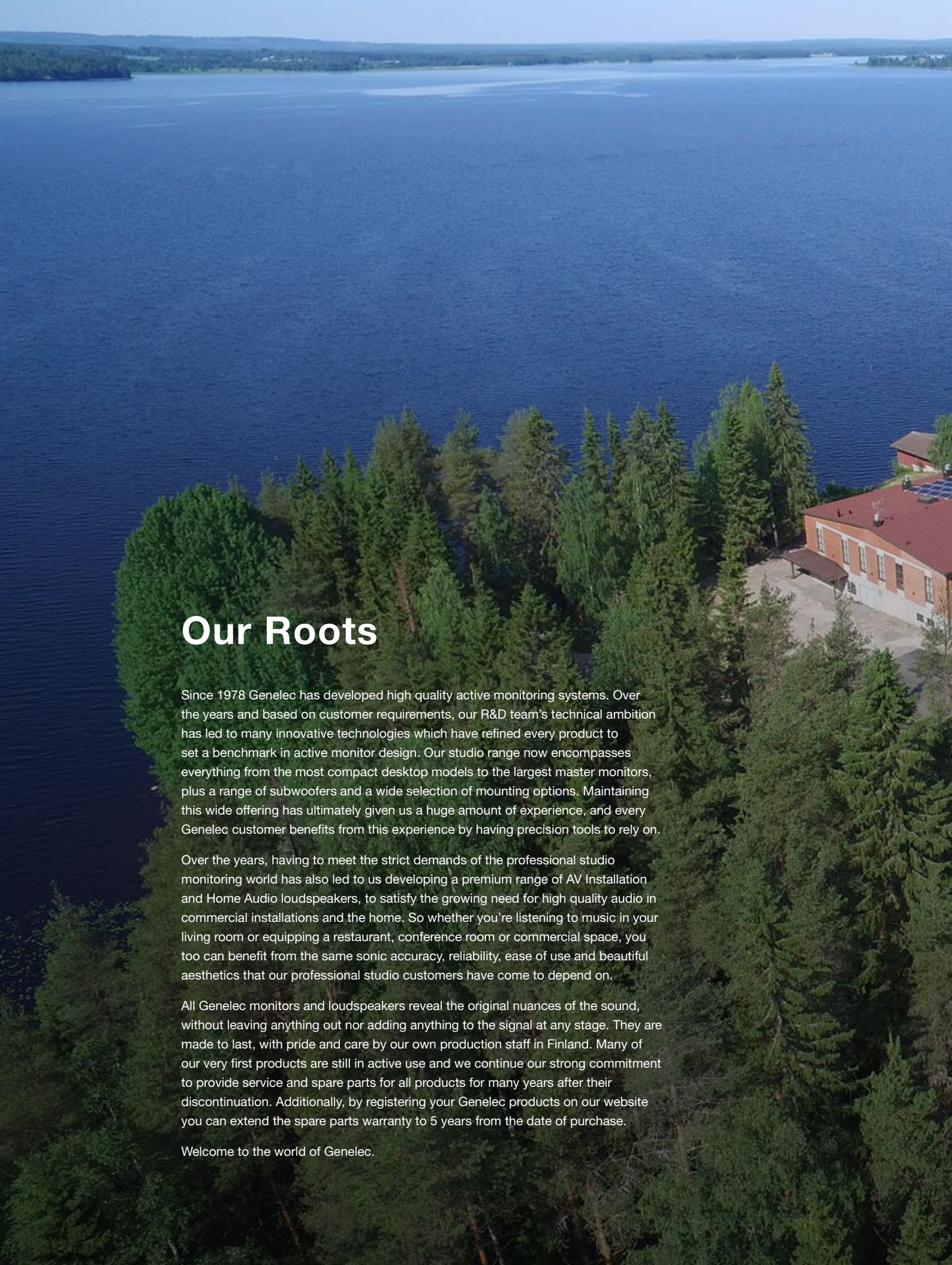
Minimum Diffraction Coaxial (MDC™) Driver Technology

Transducer reproduces outstanding sound image.

Acoustically Concealed Woofers (ACW™) Technology

For controlled directivity down to low frequencies.

Genelec Classic Monitors, Home Audio and Installation Loudspeakers feature DIP switches for compensation of effects on the frequency response caused by the room and placement of the loudspeakers. For even more precise adaptation to the listening environment, use Genelec's line of Smart Active Monitors (SAM) with the GLM application and AutoCal™.
More information is available at **www.genelec.com**



Our Roots

Since 1978 Genelec has developed high quality active monitoring systems. Over the years and based on customer requirements, our R&D team's technical ambition has led to many innovative technologies which have refined every product to set a benchmark in active monitor design. Our studio range now encompasses everything from the most compact desktop models to the largest master monitors, plus a range of subwoofers and a wide selection of mounting options. Maintaining this wide offering has ultimately given us a huge amount of experience, and every Genelec customer benefits from this experience by having precision tools to rely on.

Over the years, having to meet the strict demands of the professional studio monitoring world has also led to us developing a premium range of AV Installation and Home Audio loudspeakers, to satisfy the growing need for high quality audio in commercial installations and the home. So whether you're listening to music in your living room or equipping a restaurant, conference room or commercial space, you too can benefit from the same sonic accuracy, reliability, ease of use and beautiful aesthetics that our professional studio customers have come to depend on.

All Genelec monitors and loudspeakers reveal the original nuances of the sound, without leaving anything out nor adding anything to the signal at any stage. They are made to last, with pride and care by our own production staff in Finland. Many of our very first products are still in active use and we continue our strong commitment to provide service and spare parts for all products for many years after their discontinuation. Additionally, by registering your Genelec products on our website you can extend the spare parts warranty to 5 years from the date of purchase.

Welcome to the world of Genelec.

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The Genelec factory in Iisalmi, Finland

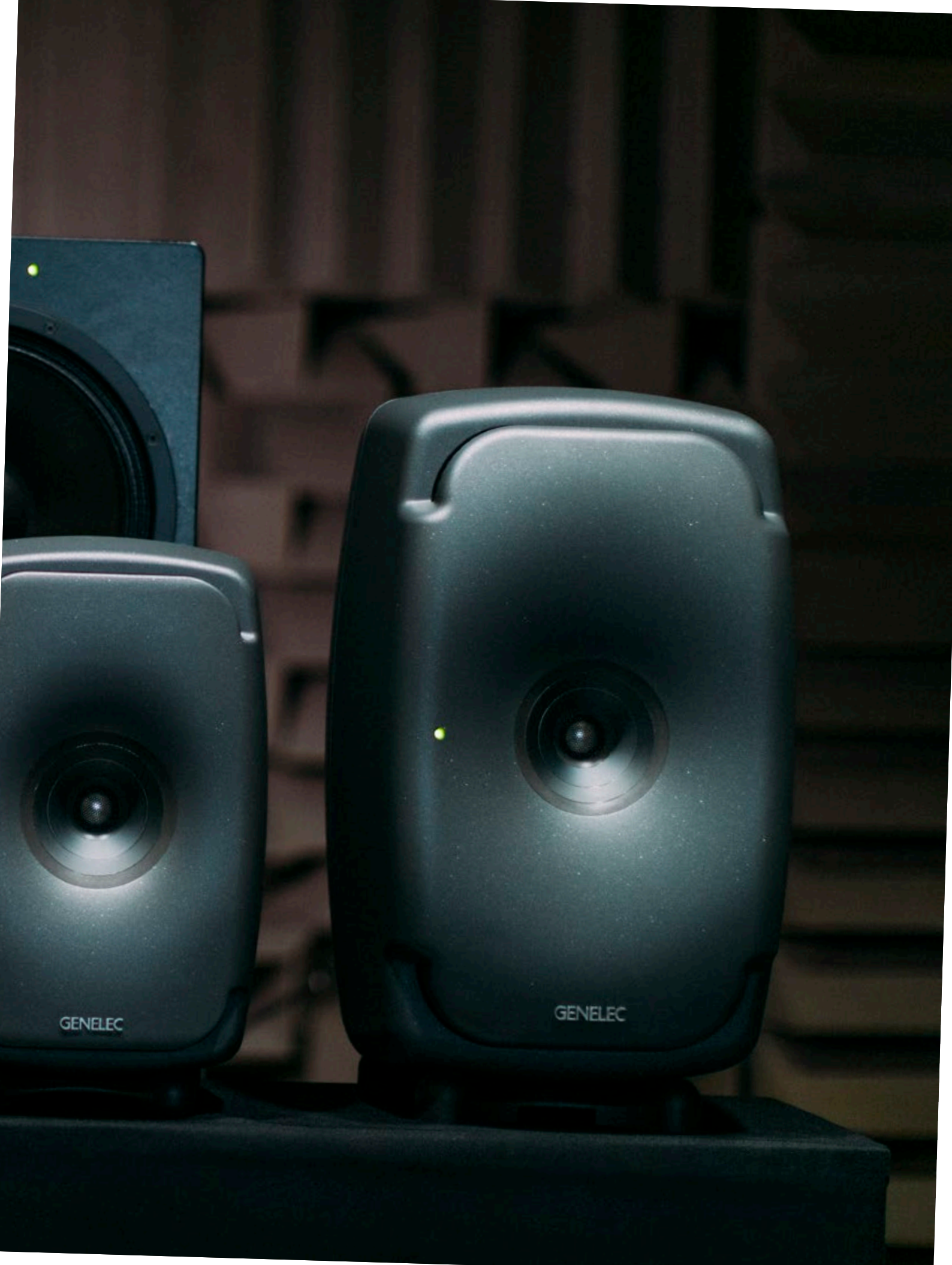
The Ones - Ultimate Point Source Monitors

Positioning of microphones determines the outcome of a recording, and movements less than a finger's width can mean a significant difference. Microphone placement, understandably, is based on listening, which in turn requires an equal amount of accuracy. Audio mixing and mastering are other critical phases where trust in what you hear is essential for setting level, pan, EQ, effects, depth and balance. These are fundamental aspects of how well a track or program translates to other rooms and playback conditions.

Traditional monitoring loudspeakers have separate independent drivers that generate crossover colouration off-axis – forcing a critical listener to sit at a specific spot, not moving the head. A point source monitor has therefore long been regarded the holy grail of monitor design. However, if not properly designed, point source came with disadvantages; for instance limited frequency range, low SPL, uneven dispersion or discontinuities causing distortion, to name a few.

THE ONES are uncompromised three-way point source monitors that not only promote faster and more consistent production decision making, but also longer listening time than a traditional monitor, because unnatural imaging, a main contributor to listener fatigue, is minimised. Dispersion is controlled over an unusually wide frequency range thanks to the large integrated waveguide and the hidden dual woofer design.

For all applications calling for precision imaging, extended frequency response, short to medium listening distance or long, fatigue-free working hours, these compact three-way monitors are in an elite league of their own.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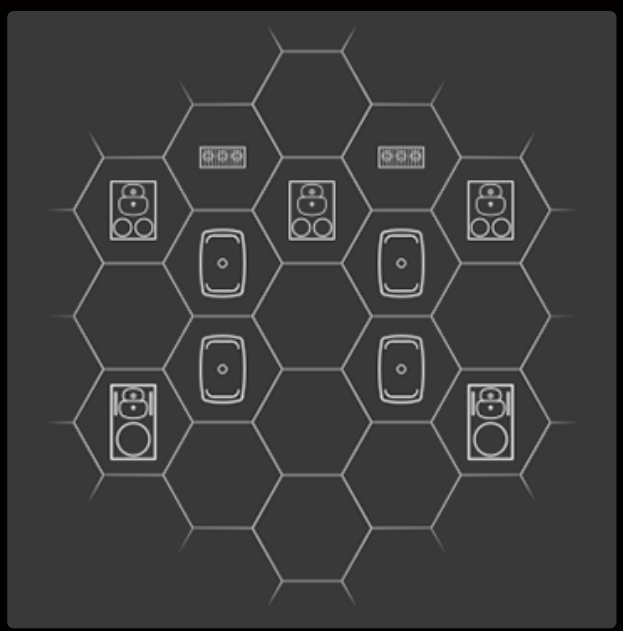
Build, Calibrate and Manage Your Systems

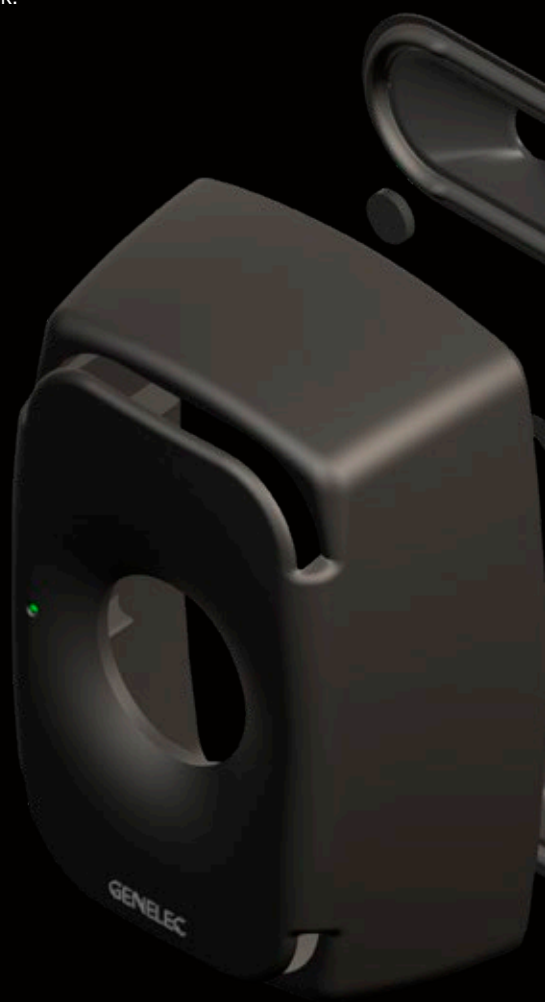
Monitors change spectral balance depending on placement in a room, and therefore need to be aligned and calibrated after positioning to ensure proper and reliable listening conditions. Genelec monitors have long featured DIP switches to compensate for placement, but new SAM monitors enable automated, more accurate and objective adjustments allowing true reference listening under previously intolerable conditions.

Use the GLM (Genelec Loudspeaker Manager) application on a PC or Mac to build and calibrate a monitor system consisting of THE ONES and other Smart Active Monitors. When setting up, the same physical monitors may be used in more than one system. Creating a monitoring setup is easy with GLM software - just position monitor icons on the GLM layout grid. In the example shown below, you could quickly switch between six calibrated systems: mono, stereo, 5.1, 7.1, 7.1.2 and 7.1.4, and to engage bass management to a subwoofer.

Systems can be easily level-calibrated to compliance with the latest broadcast and film industry standards, and delay is inserted in each monitor to compensate for distance differences to the listening position. Finally, one or more subwoofers can be added, and the entire audio system quickly adjusted for personal spectral preferences, if required.

Drawn from decades' worth of data gathered from thousands of studios, Genelec's GLM software is combined with Genelec AutoCal, a proprietary and continuously developing expert algorithm that aligns levels, distances and compensated room effects in the frequency responses for all monitors on the GLM management network.





Ideal for Small Spaces

Demanding audio productions are created in ever shrinking monitoring spaces. These constrained environments have uneven low frequency responses, increased sound colouration and large acoustical differences between rooms. In-situ calibration and ultra near-field capability are two reasons why THE ONES cope extraordinarily well with these challenges.

Furthermore, their maximum size waveguide covering the entire front, and maximum internal volume due to a rib-damped aluminium enclosure make the most of limited space, regardless of whether these monitors are used in horizontal or vertical mode.

THE ONES' design will satisfy your eyes and ears no matter how you orientate them.

Full-Size Waveguide

Integrated waveguide without discontinuities for excellent directivity and imaging.

Point Source

Separate midrange and tweeter drivers in the centre of a diffraction-free aluminium enclosure. Concealed dual woofers complete a unique coaxial design.

Horizontal or Vertical

Free orientation. No sonic compromise in either direction. Iso-Pods for flexible tilt (included).

Three-Way Compact

The most compact three-way monitors with spectacular industrial design by Harri Koskinen. Woofers located behind the waveguide extend directivity to low frequencies.

Light Footprint

Sustainable production and use: Made in Finland using renewable energy and recycled aluminium. Low power consumption and long life.

Setup & Calibrate

Network connectors for system building and GLM auto-calibration. Analogue and digital inputs, universal power supply. Standard fixing points for flexible mounting.

SAM™ Coaxial Series

8331A

Maximum sound pressure level[1]	104/110 dB (1/0.5 m)
Free field frequency response	45 Hz – 37 kHz (-6 dB)
Accaccuracy of frequency response	± 1.5 dB (58 Hz – 20 kHz)
Drivers	2 x oval Bass (65 x 130 mm, $2^{9}/_{16}$ x $5^{1}/_{8}$ inch) + Coaxial Midrange (Ø 90 mm, $3^{17}/_{32}$ inch) + Treble MDC™ (Ø 19 mm, $^{3}/_{4}$ inch metal dome) + DCW™
Amplifier power per channel	2 x 72 W Bass + 36 W Midrange + 36 W Treble (all Class D)
Dimensions H x W x D	305 x 189 x 212 mm, 12 x $7^{7}/_{16}$ x $8^{11}/_{32}$ inch, with Iso-Pod™
Weight	6.7 kg / 14.8 lb
Audio Connectors	XLR analogue input, XLR digital AES/EBU in- and output, 2 x RJ45 GLM Network
Management and control system	GLM™
Colour options	Black, Dark Grey or White

8341A

Maximum sound pressure level[1]	110/118 dB (1/0.5 m)
Free field frequency response	38 Hz – 37 kHz (-6 dB)
Accuracy of frequency response	± 1.5 dB (45 Hz – 20 kHz)
Drivers	2 x oval Bass (90 x 170 mm, $3^{17}/_{32}$ x $6^{11}/_{16}$ inch) + Coaxial Midrange (Ø 90 mm, $3^{17}/_{32}$ inch) + Treble MDC™ (Ø 19 mm, $^{3}/_{4}$ inch metal dome) + DCW™
Amplifier power per channel	2 x 250 W Bass + 150 W Midrange + 150 W Treble (all Class D)
Dimensions H x W x D	370 x 237 x 243 mm, $14^{9}/_{16}$ x $9^{11}/_{32}$ x $9^{9}/_{16}$ inch, with Iso-Pod™
Weight	9.8 kg / 21.6 lb
Audio Connectors	XLR analogue input, XLR digital AES/EBU in- and output, 2 x RJ45 GLM Network
Management and control system	GLM™
Colour options	Black, Dark Grey or White

8351B

Maximum sound pressure level[1]	113/118 dB (1/0.5 m)
Free field frequency response	32 Hz – 43 kHz (-6 dB)
Accuracy of frequency response	± 1.5 dB (38 Hz – 20 kHz)
Drivers	2 x oval Bass (101 x 218 mm, $3^{31}/_{32}$ x $8^{19}/_{32}$ inch) + Coaxial Midrange (Ø 130 mm, $5^{1}/_{8}$ inch) + Treble MDC™ (Ø 25 mm, 1 inch metal dome) + DCW™
Amplifier power per channel	2 x 250 W Bass + 150 W Midrange + 150 W Treble (all Class D)
Dimensions H x W x D	452 x 287 x 278 mm, $17^{25}/_{32}$ x $11^{5}/_{16}$ x $10^{15}/_{16}$ inch, with Iso-Pod™
Weight	14.3 kg / 31.5 lb
Audio Connectors	XLR analogue input, XLR digital AES/EBU in- and output, 2 x RJ45 GLM Network
Management and control system	GLM™
Colour options	Black, Dark Grey or White

1) Maximum short term sine wave sound pressure level averaged from 100 Hz to 3 kHz, measured on axis in half space at 1 metre.

The Ones:
A Quest for Excellence

Genelec's history forms a 40-year continuum of remarkable inventions, with one pioneering and cutting edge design following another.

Performance has been driven up time after time, with THE ONES being the latest additions to this chain of breakthroughs.

All sub-systems of THE ONES including electronics, amplifier circuitry, drivers and system configuration are entirely designed, handmade and individually tested by craftsmen at our factory in Iisalmi, Finland.

8361A

Maximum sound pressure level[1]	118/124 dB (1/0.5 m)
Free field frequency response	30 Hz – 43 kHz (-6 dB)
Accuracy of frequency response	± 1.5 dB (36 Hz – 20 kHz)
Drivers	2 x oval Bass (137 x 263 mm, $5^{13}/_{32}$ x $10^{11}/_{32}$ inch) + Coaxial Midrange (Ø 130 mm, $5^{1}/_{8}$ inch) + Treble MDC™ (Ø 25 mm, 1 inch metal dome) + DCW™
Amplifier power per channel	2 x 700 W Bass + 150 W Midrange + 150 W Treble (all Class D)
Dimensions H x W x D	593x357x347 mm, $23^{11}/_{32}$ x $14^{1}/_{16}$ x $13^{21}/_{32}$ inch, with Iso-Pod™
Weight	31.9 kg / 70.3 lb
Audio Connectors	XLR analogue input, XLR digital AES/EBU in- and output, 2 x RJ45 GLM Network
Management and control system	GLM™
Colour options	Black, Dark Grey or White

SAM™ Woofer System

W371A

Maximum sound pressure level[2]	120 dB (1m)
Free field frequency response	23 Hz – 500 Hz (-6dB)
Drivers	Front driver Ø 356 mm, 14 inch Rear driver Ø 305 mm, 12 inch
Amplifier power per channel	2x 400 W (Class D)
Dimensions H x W x D	1108x400x400 mm, $43^{5}/_{8}$ x $15^{3}/_{4}$ x $15^{3}/_{4}$ inch
Weight	61.0 kg / 134.5 lb
Audio Connectors	XLR analogue in- and output, XLR digital AES/EBU in- and output, 2 x RJ45 GLM Network
Management and control system	GLM™
Colour options	Black, Dark Grey or White

The W371 Adaptive Woofer System features two independent woofers in acoustically different physical locations within the room, and unlike traditional systems, both units overlap in their range of operation. THE ONES monitors can work with the W371 as a single full-range system, with the W371 offering three different operating modes to yield a choice of either flat and neutral LF response avoiding room-induced peaks and notches plus increased maximum SPL, or continued directivity of the main monitor down to the lowest LF frequencies, or reduction of detrimental reflections by the walls, ceiling or floor. After selecting the monitor locations, each W371 uses GLM's AutoCal™ function to pick and tune the signal processing for the best LF radiation mode, taking into account the monitor location and listening position.

1) Maximum short term sine wave sound pressure level averaged from 100 Hz to 3 kHz, measured on axis in half space at 1 metre.
2) Maximum short term sine wave sound pressure level averaged from 100 Hz to 500 Hz, measured on axis in half space at 1 metre.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SAM™ Series Two-Way Monitors

With a growing number of audio productions taking place in tighter, more confined spaces, the potential for acoustic problems and unreliable monitoring increases. Genelec's compact two-way SAM monitors pack huge performance into a small footprint, and in conjunction with GLM software can be configured, calibrated and controlled to produce consistently accurate results even in challenging small-room environments.

8320A

Maximum sound pressure level[1]	100 dB
Free field frequency response	55 Hz – 23 kHz (-6 dB)
Accuracy of frequency response	± 1.5 dB (66 Hz – 20 kHz)
Drivers	Bass Ø 105 mm, $4^{1}/_{8}$ inch + Treble Ø 19 mm, $^{3}/_{4}$ inch metal dome + DCW™
Amplifier power per channel	50 W Bass + 50 W Treble (both Class D)
Dimensions H x W x D	242 x 151 x 142 mm, $9^{17}/_{32}$ x $5^{15}/_{16}$ x $5^{19}/_{32}$ inch, with Iso-Pod™
Weight	3.2 kg / 7.1 lb
Audio Connectors	XLR analogue input, 2 x RJ45 GLM Network
Management and control system	GLM™
Colour options	Dark Grey, White or RAW

8330A

Maximum sound pressure level[1]	104 dB
Free field frequency response	45 Hz – 23 kHz (-6 dB)
Accuracy of frequency response	± 1.5 dB (58 Hz – 20 kHz)
Drivers	Bass Ø 130 mm, $5^{1}/_{8}$ inch + Treble Ø 19 mm, $^{3}/_{4}$ inch metal dome + DCW™
Amplifier power per channel	50 W Bass + 50 W Treble (both Class D)
Dimensions H x W x D	299 x 189 x 178 mm, $11^{25}/_{32}$ x $7^{7}/_{16}$ x 7 inch, with Iso-Pod™
Weight	5.5 kg / 12.1 lb
Audio Connectors	XLR analogue input, XLR digital AES/EBU in- and output, 2 x RJ45 GLM Network
Management and control system	GLM™
Colour options	Dark Grey, White or RAW

8340A

Maximum sound pressure level[1]	110 dB
Free field frequency response	38 Hz – 22 kHz (-6 dB)
Accuracy of frequency response	± 1.5 dB (45 Hz – 20 kHz)
Drivers	Bass Ø 165 mm, $6^{1}/_{2}$ inch + Treble Ø 19 mm, $^{3}/_{4}$ inch metal dome + DCW™
Amplifier power per channel	150 W Bass + 150 W Treble (both Class D)
Dimensions H x W x D	365 x 237 x 223 mm, $14^{3}/_{8}$ x $9^{11}/_{32}$ x $8^{25}/_{32}$ inch, with Iso-Pod™
Weight	8.4 kg / 18.5 lb
Audio Connectors	XLR analogue input, XLR digital AES/EBU in- and output, 2 x RJ45 GLM Network
Management and control system	GLM™
Colour options	Dark Grey, White or RAW

1) Maximum short term sine wave sound pressure level averaged from 100 Hz to 3 kHz, measured on axis in half space at 1 metre.


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SAM™ Series Two-Way Monitors

8350A

Maximum sound pressure level[1]	112 dB
Free field frequency response	33 Hz – 22 kHz (-6 dB)
Accuracy of frequency response	± 1.5 dB (38 Hz – 20 kHz)
Drivers	Bass Ø 205 mm, $8^{1}/_{16}$ inch + Treble Ø 25 mm, 1 inch metal dome + DCW™
Amplifier power per channel	200 W Bass + 150 W Treble (both Class D)
Dimensions H x W x D	452 x 286 x 278 mm, $17^{25}/_{32}$ x $11^{1}/_{4}$ x $10^{15}/_{16}$ inch, with Iso-Pod™
Weight	12.8 kg / 28.2 lb
Audio Connectors	XLR analogue input, XLR digital AES/EBU in- and output, 2 x RJ45 GLM Network
Management and control system	GLM™
Colour options	Dark Grey or White

8430A IP

Maximum sound pressure level[1]	104 dB
Free field frequency response	45 Hz – 23 kHz (-6 dB)
Accuracy of frequency response	± 1.5 dB (58 Hz – 20 kHz)
Drivers	Bass Ø 130 mm, $5^{1}/_{8}$ inch + Treble Ø 19 mm, $^{3}/_{4}$ inch metal dome + DCW™
Amplifier power per channel	50 W Bass + 50 W Treble (both Class D)
Dimensions H x W x D	299 x 189 x 178 mm, $11^{25}/_{32}$ x $7^{7}/_{16}$ x 7 inch, with Iso-Pod™
Weight	5.5 kg / 12.1 lb
Audio Connectors	XLR analogue input, RJ45 audio-over-IP input and management interface, 2 x RJ45 GLM Network
Management and control system	GLM™
Colour options	Dark Grey

A world's first, the Genelec 8430 IP is the professional solution for directly monitoring Audio-over-IP (AoIP) streams in modern networking applications. Making SAM™ even Smarter, the 8430 IP supports the industry's AoIP interoperability standard AES67, and is compatible with the networking protocols of today and tomorrow. Crucially, it is also a fully developed SAM™ System, enabling fast and accurate multichannel or immersive audio system calibration to suit your requirements. Also featured are Minimum Diffraction Enclosure (MDE™) and DCW™ technologies, a flow optimised reflex port, high sound pressure level (SPL), low noise and wide uncoloured response in a very compact enclosure. With Genelec's Class D amplification and universal mains voltage, the 8430 IP is an industry first that's ready to work.

1) Maximum short term sine wave sound pressure level averaged from 100 Hz to 3 kHz, measured on axis in half space at 1 metre.

SAM™ Series Two-Way Monitors

1032C

Maximum sound pressure level[1]	114 dB
Free field frequency response	33 Hz – 23 kHz (-6 dB)
Accuracy of frequency response	± 2.5 dB (40 Hz – 20 kHz)
Drivers	Bass Ø 250 mm, $9^{27}/_{32}$ inch + Treble Ø 25 mm, 1 inch metal dome + DCW™
Amplifier power per channel	250 W Bass + 150 W Treble (both Class D)
Dimensions H x W x D	495 x 320 x 290 mm, $19^{1}/_{2}$ x $12^{19}/_{32}$ x $11^{13}/_{32}$ inch
Weight	17.0 kg / 37.5 lb
Audio Connectors	XLR analogue input, XLR digital AES/EBU in- and output, 2 x RJ45 GLM Network
Management and control system	GLM™
Colour options	Black

S360A

Maximum sound pressure level[1]	118 dB
Free field frequency response	36 Hz - 22 kHz (-6 dB)
Accuracy of frequency response	± 2 dB (39 Hz - 19 kHz)
Drivers	Bass Ø 250 mm, $9^{27}/_{32}$ inch + Treble Ø 25 mm, 1 inch compression + DCW™
Amplifier power per channel	250 W Bass + 100 W Treble (both Class D)
Dimensions H x W x D	530 x 360 x 360 mm, $20^{7}/_{8}$ x $14^{3}/_{16}$ x $14^{3}/_{16}$ inch, with integrated Iso-Plate™
Weight	30.0 kg / 66.1 lb
Audio Connectors	XLR analogue input, XLR digital AES/EBU in- and output, 2 x RJ45 GLM Network
Management and control system	GLM™
Colour options	Black or White

1) Maximum short term sine wave sound pressure level averaged from 100 Hz to 3 kHz, measured on axis in half space at 1 metre.

SAM™ Series Three-Way and Main Monitors

For large-room applications where high SPL is required or the listening distances are greater, Genelec offers a range of monitors that deliver precise reference-quality reproduction even at high acoustic outputs.

Due to their broad bandwidth and high output, these monitors are ideal for either stereo or multichannel music recording studios, mastering houses, broadcasting facilities, editing suites and post-production studios. Their modern high-efficiency amplifiers and proprietary GLM software control provide an unmatched level of power, control and adaptability.

Each model features the advanced Directivity Control Waveguide (DCW), which delivers a large, stable audio image and neutral sound reproduction since it provides smooth frequency response both on- and off-axis. This makes it perfect for larger rooms, since multiple listeners can all benefit from the same reliable monitoring experience.

Directivity patterns are also matched between models, yielding consistent performance right across the range.


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SAM™ Series Three-Way and Main Monitors

1237A

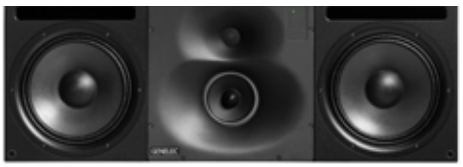
Maximum sound pressure level[1]	118 dB
Free field frequency response	32 Hz – 22 kHz (-6 dB)
Accuracy of frequency response	± 2.5 dB (37 Hz – 20 kHz)
Drivers	Bass Ø 305 mm, 12 inch + Midrange Ø 125 mm, $4^{29}/_{32}$ inch + Treble Ø 25 mm, 1 inch metal dome + DCW™
Amplifier power per channel	500 W Bass + 250 W Midrange (both Class D) + 200 W Treble (Class AB)
Loudspeaker H x W x D	680 x 400 x 380 mm, $26^{25}/_{32}$ x $15^{3}/_{4}$ x $14^{31}/_{32}$ inch
RAM L size	3U / 19 inch
Weight incl. RAM L amplifier	42 kg / 93 lb
Audio Connectors	XLR analogue input, XLR digital AES/EBU in- and output, 2 x RJ45 GLM Network
Management and control system	GLM™

1238A

Maximum sound pressure level[1]	121 dB
Free field frequency response	30 Hz – 22 kHz (-6 dB)
Accuracy of frequency response	± 2.5 dB (35 Hz – 20 kHz)
Drivers	Bass Ø 385 mm, $15^{5}/_{32}$ inch + Midrange Ø 125 mm, $4^{29}/_{32}$ inch + Treble Ø 25 mm, 1 inch metal dome + DCW™
Amplifier power per channel	500 W Bass + 250 W Midrange (both Class D) + 200 W Treble (Class AB)
Loudspeaker H x W x D	810 x 480 x 420 mm, $31^{7}/_{8}$ x $18^{29}/_{32}$ x $16^{17}/_{32}$ inch
RAM L size	3U / 19 inch
Weight incl. RAM L amplifier	57 kg / 126 lb
Audio Connectors	XLR analogue input, XLR digital AES/EBU in- and output, 2 x RJ45 GLM Network
Management and control system	GLM™

1) Maximum short term sine wave sound pressure level averaged from 100 Hz to 3 kHz, measured on axis in half space at 1 metre.

SAM™ Series Three-Way and Main Monitors



1238AC

Maximum sound pressure level[1]	121 dB
Free field frequency response	30 Hz – 22 kHz (-6 dB)
Accuracy of frequency response	± 2 dB (35 Hz – 20 kHz)
Drivers	Bass 2 x Ø 250 mm, $9^{27}/_{32}$ inch + Midrange Ø 125 mm, $4^{29}/_{32}$ inch + Treble Ø 25 mm, 1 inch metal dome + DCW™
Amplifier power per channel	2 x 500 W Bass + 250 W Midrange (both Class D) + 200 W Treble (Class AB)
Loudspeaker H x W x D	350 x 950 x 453 mm, $13^{25}/_{32}$ x $37^{13}/_{32}$ x $17^{27}/_{32}$ inch
RAM L size	3U / 19 inch
Loudspeaker weight	60.0 kg / 132.3 lb
RAM L weight	6.0 kg / 13.2 lb
Audio Connectors	XLR analogue input, XLR digital AES/EBU in- and output, 2 x RJ45 GLM Network
Management and control system	GLM™

1238DF

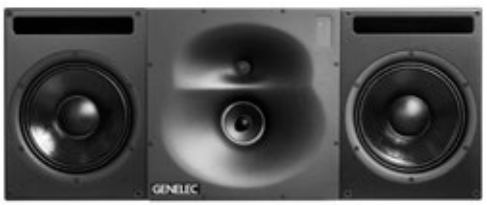
Maximum sound pressure level[1]	117 dB
Free field frequency response	50 Hz – 20 kHz (-6 dB)
Accuracy of frequency response	± 2 dB (57 Hz – 20 kHz)
Drivers	Bass 2 x Ø 210 mm, $8^{9}/_{32}$ inch + Midrange Ø 125 mm, $4^{29}/_{32}$ inch + Treble Ø 25 mm, 1 inch metal dome + DCW™
Amplifier power per channel	2 x 500 W Bass + 250 W Midrange (both Class D) + 200 W Treble (Class AB)
Loudspeaker H x W x D	610 x 470 x 257 mm, 24 x $18^{1}/_{2}$ x $10^{1}/_{8}$ inch
RAM L size	3U / 19 inch
Loudspeaker weight	36.0 kg / 79.4 lb
RAM L weight	6.0 kg / 13.2 lb
Audio Connectors	XLR analogue input, XLR digital AES/EBU in- and output, 2 x RJ45 GLM Network
Management and control system	GLM™

1) Maximum short term sine wave sound pressure level averaged from 100 Hz to 3 kHz, measured on axis in half space at 1 metre.

SAM™ Series Three-Way and Main Monitors

1234A

Maximum sound pressure level[1]	125 dB
Free field frequency response	29 Hz – 21 kHz (-6 dB)
Accuracy of frequency response	± 2 dB (34 Hz – 20 kHz)
Drivers	Bass 2 x Ø 305 mm, 12 inch + Midrange Ø 125 mm, $4^{29}/_{32}$ inch + Treble Ø 25 mm, 1 inch metal dome + DCW™
Amplifier power per channel	2 x 750 W Bass + 400 W Midrange + 250 W Treble (all Class D)
Loudspeaker H x W x D	700 x 890 x 383 mm, $27^{9}/_{16}$ x $35^{1}/_{32}$ x $15^{3}/_{32}$ inch
RAM XL size	3U / 19 inch
Loudspeaker weight	73.0 kg / 160.9 lb
RAM XL weight	11.2 kg / 24.7 lb
Audio Connectors	XLR analogue input, XLR digital AES/EBU in- and output, 2 x RJ45 GLM Network
Management and control system	GLM™



1234AC

Maximum sound pressure level[1]	125 dB
Free field frequency response	29 Hz – 21 kHz (-6 dB)
Accuracy of frequency response	± 2 dB (34 Hz – 20 kHz)
Drivers	Bass 2 x Ø 305 mm, 12 inch + Midrange Ø 125 mm, $4^{29}/_{32}$ inch + Treble Ø 25 mm, 1 inch metal dome + DCW™
Amplifier power per channel	2 x 750 W Bass + 400 W Midrange + 250 W Treble (all Class D)
Loudspeaker H x W x D	489 x 1210 x 412 mm, $19^{1}/_{4}$ x $47^{5}/_{8}$ x $16^{7}/_{32}$ inch
RAM XL size	3U / 19 inch
Loudspeaker weight	79.5 kg / 175.3 lb
RAM XL weight	11.2 kg / 24.7 lb
Audio Connectors	XLR analogue input, XLR digital AES/EBU in- and output, 2 x RJ45 GLM Network
Management and control system	GLM™

1) Maximum short term sine wave sound pressure level averaged from 100 Hz to 3 kHz, measured on axis in half space at 1 metre.

SAM™ Series Three-Way and Main Monitors

1235A

Maximum sound pressure level[1]	130 dB
Free field frequency response	29 Hz – 26 kHz (-6 dB)
Accuracy of frequency response	± 2 dB (31 Hz – 20 kHz)
Drivers	Bass 2 x Ø 380 mm, $14^{31}/_{32}$ inch + Midrange 2 x Ø 125 mm, $4^{29}/_{32}$ inch + Treble Ø 25 mm, 1 inch compression + DCW™
Amplifier power per channel	2 x 1000 W Bass + 2 x 400 W Midrange + 250 W Treble (all Class D)
Loudspeaker H x W x D	820 x 1105 x 650 mm, $32^{9}/_{32}$ x $43^{1}/_{2}$ x $25^{19}/_{32}$ inch
RAM XL size	3U / 19 inch
Loudspeaker weight	164.0 kg / 361.6 lb
RAM XL weight	11.2 kg / 24.7 lb
Audio Connectors	XLR analogue input, XLR digital AES/EBU in- and output, 2 x RJ45 GLM Network
Management and control system	GLM™

1236A

Maximum sound pressure level[1]	130 dB
Free field frequency response	17.5 Hz – 26 kHz (-6 dB)
Accuracy of frequency response	± 2 dB (21 Hz – 20 kHz)
Drivers	Bass 2 x Ø 458 mm, $18^{1}/_{32}$ inch + Midrange 2 x Ø 125 mm, $4^{29}/_{32}$ inch + Treble Ø 25 mm, 1 inch compression + DCW™
Amplifier power per channel	2 x 1000 W Bass + 2 x 400 W Midrange + 250 W Treble (all Class D)
Loudspeaker H x W x D	1180 x 960 x 650 mm, $46^{15}/_{32}$ x $37^{25}/_{32}$ x $25^{19}/_{32}$ inch
RAM XL size	3U / 19 inch
Loudspeaker weight	182.0 kg / 401.2 lb
RAM XL weight	11.2 kg / 24.7 lb
Audio Connectors	XLR analogue input, XLR digital AES/EBU in- and output, 2 x RJ45 GLM Network
Management and control system	GLM™

1) Maximum short term sine wave sound pressure level averaged from 100 Hz to 3 kHz, measured on axis in half space at 1 metre.

SAM™ Series Subwoofers

Complementing Genelec's range of SAM monitors, our SAM subwoofers combine power with precision.

Each model delivers articulate and dynamic low frequency reproduction with very low distortion, even at the lowest frequencies. Also featured is multichannel bass management, offering an adjustable crossover frequency and much more.

Additionally, via GLM software, all SAM subwoofers can be configured and calibrated to compensate for detrimental room acoustics, helping to produce mixes that translate beautifully to other playback systems – from simple stereo to large immersive formats.

7382A

Maximum sound pressure level[2]	129 dB
Free field frequency response	15 Hz - 100 Hz (-6 dB), LFE 15 Hz - 120 Hz (-6 dB)
Drivers	3 x Ø 381 mm, 15 inch
Amplifier power	2500 W (Class D)
Dimensions H x W x D	625 x 1400 x 558 mm, $24^{19}/_{32}$ x $55^{1}/_{8}$ x $21^{31}/_{32}$ inch, RAM-SW: 3U / 19 inch
Loudspeaker weight	145.0 kg / 319.7 lb
RAM-SW weight	11.2 kg / 24.7 lb
Audio Connectors	2 x XLR analogue in- and outputs, XLR analogue LFE input, XLR digital AES/EBU in- and output, 2 x RJ45 GLM Network
Management and control system	GLM™

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

SAM™ Series Subwoofers

7350A

Maximum sound pressure level[2]	104 dB
Free field frequency response	22 Hz - 100 Hz (-6 dB), LFE 22 Hz - 160 Hz (-6 dB)
Drivers	Ø 205 mm, $8^{1}/_{16}$ inch
Amplifier power	150 W (Class D)
Dimensions H x W x D	410 x 350 x 319 mm, $16^{5}/_{32}$ x $13^{25}/_{32}$ x $12^{9}/_{16}$ inch
Weight	19.0 kg / 41.9 lb
Audio Connectors	5 x XLR analogue in- and outputs, XLR analogue LFE input, XLR digital AES/EBU in- and output, 2 x RJ45 GLM Network
Management and control system	GLM™

7360A

Maximum sound pressure level[2]	109 dB
Free field frequency response	19 Hz - 100 Hz (-6 dB), LFE 19 Hz - 150 Hz (-6 dB)
Drivers	Ø 250 mm, $9^{27}/_{32}$ inch
Amplifier power	300 W (Class D)
Dimensions H x W x D	527 x 462 x 365 mm, $20^{3}/_{4}$ x $18^{3}/_{16}$ x $14^{3}/_{8}$ inch
Weight	27.0 kg / 59.5 lb
Audio Connectors	7 x XLR analogue in- and outputs, XLR analogue LFE in- and output, XLR digital AES/EBU in- and output, XLR analogue LINK in- and output, 2 x RJ45 GLM Network
Management and control system	GLM™

7370A

Maximum sound pressure level[2]	113 dB
Free field frequency response	19 Hz - 100 Hz (-6 dB), LFE 19 Hz - 150 Hz (-6 dB)
Drivers	Ø 305 mm, 12 inch
Amplifier power	400 W (Class D)
Dimensions H x W x D	625 x 555 x 496 mm, $24^{19}/_{32}$ x $21^{27}/_{32}$ x $19^{17}/_{32}$ inch
Weight	48.0 kg / 105.8 lb
Audio Connectors	7 x XLR analogue in- and outputs, XLR analogue LFE in- and output, XLR digital AES/EBU in- and output, XLR analogue LINK in- and output, 2 x RJ45 GLM Network
Management and control system	GLM™

7380A

Maximum sound pressure level[2]	119 dB
Free field frequency response	16 Hz - 100 Hz (-6 dB), LFE 16 Hz - 120 Hz (-6 dB)
Drivers	Ø 381 mm, 15 inch
Amplifier power	800 W (Class D)
Dimensions H x W x D	685 x 718 x 492 mm, $26^{31}/_{32}$ x $28^{9}/_{32}$ x $19^{3}/_{8}$ inch
Weight	69.0 kg / 152.1 lb
Audio Connectors	7 x XLR analogue in- and outputs, XLR analogue LFE in- and output, XLR digital AES/EBU in- and output, XLR analogue LINK in- and output, 2 x RJ45 GLM Network
Management and control system	GLM™

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

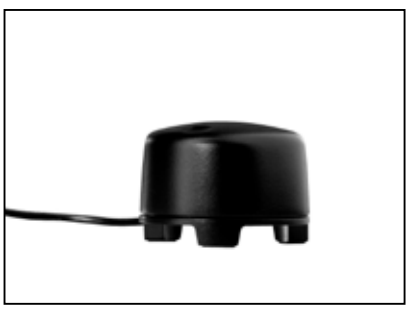
GLM™ Kit

If you've ever been frustrated that your mixes don't translate well to other systems, it's because your monitors and your room are interacting to produce a frequency response that can be far from the neutral and smooth response that you need to create a great mix.

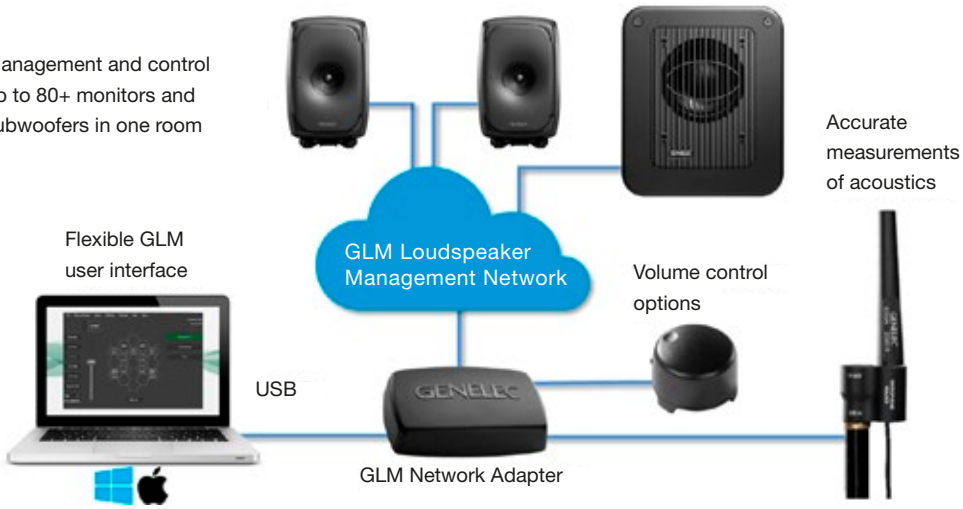
GLM software tightly integrates with all SAM monitors and subwoofers, and the Genelec GLM Kit allows your acoustic environment to be analysed, after which GLM's AutoCal feature optimises each monitor for level, distance delay, subwoofer crossover phase and room response equalisation, with the option for you to further fine tune the system. By minimising the room's influence on the sound, GLM helps Genelec monitoring systems deliver and unrivalled reference, with excellent translation between rooms.

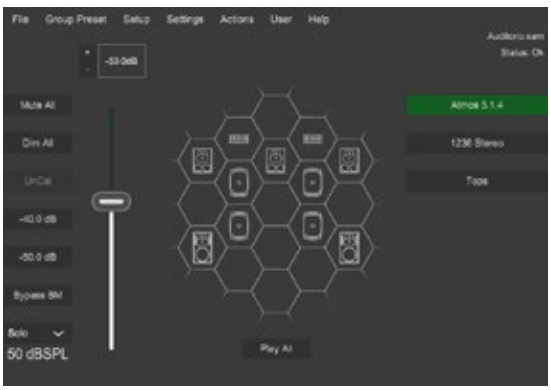
With GLM you can

- Manage and control 80+ SAM monitors and subwoofers.
- Easily and swiftly create systems from simple stereo to 3D immersive audio formats.
- Optimise, combine and switch between Genelec monitors to make the most of your room environment.
- Take advantage of GLM Cloud services – providing a secure back-up, the latest software updates and standards, and access to our Cloud Helpdesk for support and advice.
- Store calibration settings for different listening positions, then instantly recall them as required.
- Use the personalisation feature to customise your preferred response, without sacrificing predictability.
- Calibrate listening levels to international loudness standards.
- Use GLM as a high-quality monitor controller without the need for external hardware.
- The optional 9310B Volume Control can be added for convenient volume control.



GLM System Basic Setup





GLM™ Software

GLM Software runs in 64-bit Windows and Mac computers. Check up-to-date information from **www.genelec.com/glm**

9301A AES/EBU Multichannel Interface

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

Channels	7.1 XLR digital audio in- and outputs, XLR subwoofer output link
Digital audio format	AES/EBU (AES3)
Word length	16...24 bits
Sample rate	32...192 kHz Inputs are sample rate converted
Dimensions H x W x D	43 x 483 x 105 mm, $1^{11}/_{16}$ x 19 x $4^{1}/_{8}$ inch
Weight	2.0 kg / 4.4 lb
Management and control system	GLM™

Aural ID

Genelec Aural ID is a software technology advancement that will dramatically improve the delivery of more accurate, reliable sound, and enable an audio engine to precisely render stereo, surround or immersive content via headphones.

Our head, outer ear shapes and head movements provide us with a wonderful ability to localise sound sources, which is why monitoring over loudspeakers works so effectively. Headphones, however, break the link to these natural mechanisms we have acquired over our lifetime, making it harder to localise sounds – since sounds from headphones seem to reside ‘inside’ our heads rather than all around us.

Aural ID computes how your head, external ear and upper body affect and colour audio arriving from any given direction. This effect is called the Head-Related Transfer Function (HRTF), and is totally unique to every user. Aural ID models your personal head and upper torso features to calculate your own individual HRTF, delivering a file to you that then can be integrated into your audio workstation via a growing number of third-party plug-ins including those from Sparta, Noisemakers and Harpex. You’ll find your headphone listening experience becomes much more truthful and reliable, with a far more natural sense of space and direction.

After you upload a 360 degree video of your head and shoulder region from your mobile phone camera, Aural ID builds an accurate and detailed 3D model scaled to exactly the correct dimensions of your head and upper torso. From this, your personal HRTF is formed and delivered to you as an internationally recognised SOFA file format, which supports 44.1, 48 and 96 kHz sample rates and contains data for both ears in 836 different orientations.

To anyone using headphones for stereo, surround and immersive audio monitoring. Whether you are active in music recording, post production, academic research, VR or games development, Aural ID will elevate your headphone listening experience to a whole new level of realism. For more in-depth information, view the Aural ID User Manual at **www.genelec.com/aural-id**


GENELEC®

Classic Series Active Two-Way Monitors

Precision tools for professional use, Genelec's Classic Series monitors and subwoofers embody decades of engineering expertise, meaning you'll hear the music, not the monitor. A reference point for audio professionals the world over, the Classic Series remains the chosen solution of many of the world's most demanding studios.

To understand why, you only need to listen. Every Classic Series monitor is engineered to deliver an uncompromisingly flat frequency response, from the elimination of diffractions, control of the sound directivity courtesy of the Directivity Control Waveguide (DCW), to the optimised flow of the reflex tube design. Meanwhile, at the low end, Classic Series subwoofers are constructed around the Laminar Spiral Enclosure (LSE) principle, resulting in articulate and dynamic low frequency reproduction.

Within the Classic range are Genelec's world-renowned, two-way, 8000 Series monitors, each housed in a Minimum Diffraction Enclosure (MDE). This advanced die-cast aluminium design is built for performance – its sturdy, vibration-free structure ensures diffraction-free sound reproduction even at the highest output levels. Other features include dedicated amplifiers for each driver, manual room response controls to help compensate for acoustic influences and on-board overload protection.

Every Genelec 8000 Series monitor comes with an Iso-Pod stand, which prevents colouration caused by unwanted vibration. The Iso-Pod also features adjustable tilt for precise aiming of the acoustical axis.

Finally, all Genelec active two-way monitors feature the Intelligent Signal Sensing (ISS) function, which reduces power consumption to less than 0.5 Watts when the monitors are not in use.

Classic Series Active Two-Way Monitors

8010A

Maximum sound pressure level[1]	96 dB
Free field frequency response	67 Hz – 25 kHz (-6 dB)
Accuracy of frequency response	± 2.5 dB (74 Hz – 20 kHz)
Drivers	Bass Ø 76 mm, 3 inch + Treble Ø 19 mm, $^{3}/_{4}$ inch metal dome + DCW™
Amplifier power per channel	25 W Bass + 25 W Treble (both Class D)
Dimensions H x W x D	195 x 121 x 115 mm, $7^{11}/_{16}$ x $4^{3}/_{4}$ x $4^{17}/_{32}$ inch, with Iso-Pod™
Weight	1.5 kg / 3.3 lb
Audio Connectors	XLR analogue input
Colour options	Dark Grey or White

8020D

Maximum sound pressure level[1]	100 dB
Free field frequency response	56 Hz – 25 kHz (-6 dB)
Accuracy of frequency response	± 2.5 dB (62 Hz – 20 kHz)
Drivers	Bass Ø 105 mm, $4^{1}/_{8}$ inch + Treble Ø 19 mm, $^{3}/_{4}$ inch metal dome + DCW™
Amplifier power per channel	50 W Bass + 50 W Treble (both Class D)
Dimensions H x W x D	242 x 151 x 142 mm, $9^{17}/_{32}$ x $5^{15}/_{16}$ x $5^{19}/_{32}$ inch, with Iso-Pod™
Weight	3.2 kg / 7.1 lb
Audio Connectors	XLR analogue input
Colour options	Dark Grey, White or RAW

8030C

Maximum sound pressure level[1]	104 dB
Free field frequency response	47 Hz – 25 kHz (-6 dB)
Accuracy of frequency response	± 2 dB (54 Hz – 20 kHz)
Drivers	Bass Ø 130 mm, $5^{1}/_{8}$ inch + Treble Ø 19 mm, $^{3}/_{4}$ inch metal dome + DCW™
Amplifier power per channel	50 W Bass + 50 W Treble (both Class D)
Dimensions H x W x D	299 x 189 x 178 mm, $11^{25}/_{32}$ x $7^{7}/_{16}$ x 7 inch, with Iso-Pod™
Weight	5.0 kg / 11.0 lb
Audio Connectors	XLR analogue input
Colour options	Dark Grey, White or RAW

1) Maximum short term sine wave sound pressure level averaged from 100 Hz to 3 kHz, measured on axis in half space at 1 metre.

Classic Series Active Two-Way Monitors

8040B

Maximum sound pressure level[1]	105 dB
Free field frequency response	41 Hz – 25 kHz (-6 dB)
Accuracy of frequency response	± 2 dB (48 Hz – 20 kHz)
Drivers	Bass Ø 165 mm, $6^{1}/_{2}$ inch + Treble Ø 19 mm, $^{3}/_{4}$ inch metal dome + DCW™
Amplifier power per channel	90 W Bass + 90 W Treble (both Class AB)
Dimensions H x W x D	365 x 237 x 223 mm, $14^{3}/_{8}$ x $9^{11}/_{32}$ x $8^{25}/_{32}$ inch, with Iso-Pod™
Weight	9.4 kg / 20.7 lb
Audio Connectors	XLR analogue input
Colour options	Dark Grey, White or RAW

8050B

Maximum sound pressure level[1]	110 dB
Free field frequency response	32 Hz – 25 kHz (-6 dB)
Accuracy of frequency response	± 2 dB (38 Hz – 20 kHz)
Drivers	Bass Ø 205 mm, $8^{1}/_{16}$ inch + Treble Ø 25 mm, 1 inch metal dome + DCW™
Amplifier power per channel	150 W Bass + 120 W Treble (both Class AB)
Dimensions H x W x D	452 x 286 x 278 mm, $17^{13}/_{16}$ x $11^{1}/_{4}$ x $10^{15}/_{16}$ inch, with Iso-Pod™
Weight	14.4 kg / 31.7 lb
Audio Connectors	XLR analogue input
Colour options	Dark Grey or White

1) Maximum short term sine wave sound pressure level averaged from 100 Hz to 3 kHz, measured on axis in half space at 1 metre.

Classic Series Active Subwoofers

Genelec Classic Series subwoofers extend the low frequency response of your Classic Series system in both stereo and multi-channel applications. The 7040 is the ideal partner for the 8010 monitor, while the 7050 complements perfectly the 8010 or 8020 models for 5.1 monitoring applications, and the 8030 in 2.1 channel setups. Both subwoofers feature our proprietary bass management system, which optimises LF system performance and increases the headroom of your main monitors.

7040A

Maximum sound pressure level[2]	100 dB
Free field frequency response	30 Hz–90 Hz (-6 dB)
Drivers	Ø 165 mm, $6^{1}/_{2}$ inch
Amplifier power	50 W (Class D)
Dimensions H x W x D	410 x 350 x 205 mm, $16^{5}/_{32}$ x $13^{25}/_{32}$ x $8^{1}/_{16}$ inch
Weight	11.3 kg / 24.9 lb
Audio Connectors	2 x XLR analogue in- and outputs
Colour options	Black

7050C

Maximum sound pressure level[2]	103 dB
Free field frequency response	24 Hz–85 Hz (-6 dB), LFE 24 Hz–120 Hz (-6 dB)
Drivers	Ø 205 mm, $8^{1}/_{16}$ inch
Amplifier power	130 W (Class D)
Dimensions H x W x D	410 x 350 x 319 mm, $16^{5}/_{32}$ x $13^{25}/_{32}$ x $12^{9}/_{16}$ inch
Weight	17.3 kg / 38.1 lb
Audio Connectors	5 x XLR analogue in- and outputs, XLR analogue LFE input
Colour options	Black

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

Professional Sound Quality at Home

Have you ever thought about how much time, care and effort artists and sound engineers put into their masterpieces? A single piece of music can take countless days and several production phases before it reaches your ears.

For four decades, Genelec has been helping artists to reach their highest standards as well as creating the art of sound production along the way. Our Home Audio Series brings the same high quality into your home – making music, movies and web broadcasting come alive like never before.

The Harmony of Sound and Design

The active principle of all Genelec loudspeakers makes great sound easily accessible and extremely reliable. Because the amplifiers are integrated within the loudspeakers, you won't need any external amplifiers. Instead, you can connect the loudspeaker to any device and just press play. Each dedicated amplifier is optimised for a specific driver. This Genelec fully integrated system design ensures that you can get an outstanding listening experience as often as you like. These loudspeakers are made to last.

Accuracy is a key feature of all Genelec loudspeakers. This means that the sound you hear through our loudspeakers matches precisely with its origin – just like the artist intended it to be. What you get is a flawless, truthful audio experience without compromises. Quality that fulfils the needs of high-end hi-fi systems and home theatres as well as computer, TV and audio server requirements.

Minimalistic Nordic design makes Genelec loudspeakers a natural match with different interiors. Our long-standing collaboration with the renowned industrial designer Harri Koskinen has resulted in a design that matches functionality and elegance with professional acoustic excellence.

G Series

Imagine listening to your favourite music in the privacy of your own home with a sound as clear and precise as if you were in a studio or a concert hall. The Genelec G Series is a range of loudspeakers that combine the best sound quality, unique minimalistic design, reliability and ease of use – all in one package. These loudspeakers are a long-term investment, delivering unique audio experiences with the best possible sound quality.

AVAILABLE IN WHITE AND BLACK

RAW available in models
G Two
G Three
G Four

F Series

If you want a home theatre that is equivalent to a real theatrical experience, you will want a subwoofer to bring the lower frequencies alive clearly and precisely. This allows you to truly hear all the different dimensions of the soundscape – from the deep power of the waves in the sea to the awakening volcano.

Traditionally, the reasons for not having a subwoofer were their large size and stark appearance which tend not to fit most interior decors. The Genelec F Series offers a solution to this issue by bringing you powerful subwoofers with aesthetic design that blends in beautifully with any space and style.

AVAILABLE IN WHITE AND BLACK

G Series Active Loudspeakers

G One

Maximum sound pressure level[1]	96 dB
Free field frequency response	67 Hz – 25 kHz (-6 dB)
Accuracy of frequency response	± 2.5 dB (74 Hz – 20 kHz)
Drivers	Bass Ø 76 mm, 3 inch + Treble Ø 19 mm, 3/4 inch metal dome + DCW™
Amplifier power per channel	25 W Bass + 25 W Treble (both Class D)
Dimensions H x W x D	195 x 121 x 115 mm, 7 11/16 x 4 3/4 x 4 17/32 inch, with Iso-Pod™
Weight	1.7 kg / 3.7 lb
Audio Connectors	RCA analogue input
Colour options	White or Black

G Two

Maximum sound pressure level[1]	100 dB
Free field frequency response	56 Hz – 25 kHz (-6 dB)
Accuracy of frequency response	± 2.5 dB (62 Hz – 20 kHz)
Drivers	Bass Ø 105 mm, 4 1/8 inch + Treble Ø 19 mm, 3/4 inch metal dome + DCW™
Amplifier power per channel	50 W Bass + 50 W Treble (both Class D)
Dimensions H x W x D	242 x 151 x 142 mm, 9 17/32 x 5 15/16 x 5 19/32 inch, with Iso-Pod™
Weight	3.2 kg / 7.1 lb
Audio Connectors	RCA analogue input
Colour options	White, Black or RAW

G Three

Maximum sound pressure level[1]	104 dB
Free field frequency response	47 Hz – 25 kHz (-6 dB)
Accuracy of frequency response	± 2.5 dB (54 Hz – 20 kHz)
Drivers	Bass Ø 130 mm, 5 1/8 inch + Treble Ø 19 mm, 3/4 inch metal dome + DCW™
Amplifier power per channel	50 W Bass + 50 W Treble (both Class D)
Dimensions H x W x D	299 x 189 x 178 mm, 11 25/32 x 7 7/16 x 7 inch, with Iso-Pod™
Weight	5.0 kg / 11.0 lb
Audio Connectors	RCA analogue input, XLR analogue input
Colour options	White, Black or RAW

G Four

Maximum sound pressure level[1]	105 dB
Free field frequency response	41 Hz – 25 kHz (-6 dB)
Accuracy of frequency response	± 2.5 dB (48 Hz – 20 kHz)
Drivers	Bass Ø 165 mm, 6 1/2 inch + Treble Ø 19 mm, 3/4 inch metal dome + DCW™
Amplifier power per channel	90 W Bass + 90 W Treble (both Class AB)
Dimensions H x W x D	365 x 237 x 223 mm, 14 3/8 x 9 11/32 x 8 25/32 inch, with Iso-Pod™
Weight	8.6 kg / 19.0 lb
Audio Connectors	RCA analogue input, XLR analogue input
Colour options	White, Black or RAW

1) Maximum short term sine wave sound pressure level averaged from 100 Hz to 3 kHz, measured on axis in half space at 1 metre.

G Five

Maximum sound pressure level[1]	110 dB
Free field frequency response	32 Hz – 25 kHz (-6 dB)
Accuracy of frequency response	± 2.5 dB (38 Hz – 20 kHz)
Drivers	Bass Ø 205 mm, $8^{1}/_{16}$ inch + Treble Ø 25 mm, 1 inch metal dome + DCW™
Amplifier power per channel	150 W Bass + 120 W Treble (both Class AB)
Dimensions H x W x D	452 x 286 x 278 mm, $17^{25}/_{32}$ x $11^{1}/_{4}$ x $10^{15}/_{16}$ inch, with Iso-Pod™
Weight	12.7 kg / 28.0 lb
Audio Connectors	RCA analogue input, XLR analogue input
Colour options	White or Black

F Series Active Subwoofers

F One

Maximum sound pressure level[2]	100 dB
Free field frequency response	35 Hz – 85 Hz (-6 dB), LFE 35 Hz – 120 Hz (-6 dB)
Woofer	Ø 165 mm, $6^{1}/_{2}$ inch
Amplifier power	40 W (Class D)
Dimensions H x D	251 x 305 mm, $9^{7}/_{8}$ x 12 inch
Weight	5.6 kg / 12.3 lb
Remote control	Yes
Audio Connectors	2 x digital input (RCA coaxial and Toslink optical), 4 x analogue input (L, R, LFE RCA + 3.5 mm stereo jack), 2 x analogue output (L, R RCA)
Colour options	White or Black

F Two

Maximum sound pressure level[2]	103 dB
Free field frequency response	27 Hz – 85 Hz (-6 dB), LFE 27 Hz – 120 Hz (-6 dB)
Woofer	Ø 205 mm, $8^{1}/_{16}$ inch
Amplifier power	150 W (Class D)
Dimensions H x D	300 x 362 mm, $11^{13}/_{16}$ x $14^{1}/_{4}$ inch
Weight	8.5 kg / 18.7 lb
Remote control	Yes
Audio Connectors	2 x digital input (RCA coaxial and Toslink optical), 4 x analogue input (L, R, LFE/LINK RCA + 3.5 mm stereo jack). 5 x analogue output (L, R XLR + L, R, LINK RCA).
Colour options	White or Black

1) Maximum short term sine wave sound pressure level averaged from 100 Hz to 3 kHz, measured on axis in half space at 1 metre.
2) Maximum short term sine wave sound pressure level averaged from 30 to 85 Hz, measured in half space at 1 metre.

Architectural Series Active Loudspeakers

The AIW26B with RAM1 amplifier and AIW25 with RAM2 amplifier are active In-Wall loudspeakers, that can be easily integrated into a room with minimum visual impact. The speaker cabinets fit into a standard 2 x 4" wall structure and the grilles and mounting frames can be painted to match the wall colour.

Pre-construction brackets are also available. All Genelec Architectural Series loudspeakers include an individually calibrated amplifier module with Room Response Controls for adjusting the loudspeaker's frequency response to match the acoustic environment.

The AIC25 active In-Ceiling loudspeaker with RAM2 amplifier is ideal for installations where wall-mounting is not an option, but high-quality audio is required. Acoustically identical to the AIW25, the AIC25 provides precise and uncoloured acoustic response and can easily be retrofitted to an existing construction.

The 5041A active In-Wall Subwoofer is the first in-wall subwoofer with truly professional performance. Equipped with a pair of 6 1/2-inch drivers and a tuned port, it can be mounted in any standard 16-inch stud bay. Using four independent mounting brackets, the enclosure is completely isolated from the wall surfaces, preventing any potential vibration from being transmitted to the walls. A protective cover protects the drivers from potential damage during the construction phase of a project. The system includes a rack-mountable RAM3 amplifier that supplies 125 Watts of power.


BASS TILT -6dB
BASS TILT -4dB
BASS TILT -2dB
BASS ROLL-OFF
TREBLE TILT
AUTOSTART
REMOTE CTRL
ON
GREEN =
NORMAL
OPERATION
YELLOW =
STAND-BY
RAM2 AMPLIFIER

Architectural Series Active Loudspeakers

AIC25 In-Ceiling

Maximum sound pressure level[1]	100 dB
Free field frequency response	62 Hz - 25 kHz (-6 dB)
Accuracy of frequency response	± 2.5 dB (70 Hz - 18 kHz)
Drivers	Bass Ø 130 mm, $5^{1}/_{8}$ inch + Treble Ø 19 mm, $^{3}/_{4}$ inch metal dome
Amplifier power per channel	40 W Bass + 40 W Treble (both Class AB)
Loudspeaker diameter x D	284 x 4 mm[3], $11^{3}/_{16}$ x $^{5}/_{32}$ inch
RAM2 Amplifier H x W x D	177 x 54 x 260 mm, $6^{31}/_{32}$ x $2^{1}/_{8}$ x $10^{1}/_{4}$ inch
Loudspeaker weight	3.0 kg with grille / 6.6 lb
Amplifier weight	2.2 kg / 4.9 lb
Audio Connectors	RCA analogue input, XLR analogue in- and output

AIW25 In-Wall

Maximum sound pressure level[1]	100 dB
Free field frequency response	62 Hz - 25 kHz (-6 dB)
Accuracy of frequency response	± 2.5 dB (70 Hz - 18 kHz)
Drivers	Bass Ø 130 mm, $5^{1}/_{8}$ inch + Treble Ø 19 mm, $^{3}/_{4}$ inch metal dome
Amplifier power per channel	40 W Bass + 40 W Treble (both Class AB)
Loudspeaker H x W x D	360 x 267 x 6 mm[3], $14^{3}/_{16}$ x $10^{1}/_{2}$ x $^{1}/_{4}$ inch
RAM2 Amplifier H x W x D	177 x 54 x 260 mm, $6^{31}/_{32}$ x $2^{1}/_{8}$ x $10^{1}/_{4}$ inch
Loudspeaker weight	3.7 kg with grille / 8.2 lb
Amplifier weight	2.2 kg / 4.9 lb
Audio Connectors	RCA analogue input, XLR analogue in- and output

AIW26B In-Wall

Maximum sound pressure level[1]	110 dB
Free field frequency response	39 Hz - 25 kHz (-6 dB)
Accuracy of frequency response	± 2.5 dB (45 Hz - 21 kHz)
Drivers	Bass Ø 165 mm, $6^{1}/_{2}$ inch + Treble Ø 19 mm, $^{3}/_{4}$ inch metal dome
Amplifier power per channel	120 W Bass + 120 W Treble (both Class AB)
Loudspeaker H x W x D	589 x 365 x 4 mm[3], $23^{3}/_{16}$ x $14^{3}/_{8}$ x $^{5}/_{32}$ inch
RAM1 Amplifier H x W x D	130 x 145 x 309 mm, $5^{1}/_{8}$ x $5^{23}/_{32}$ x $12^{5}/_{32}$ inch
Loudspeaker weight	8.7 kg with grille / 19.2 lb
Amplifier weight	4.6 kg / 10.1 lb
Audio Connectors	RCA analogue input, XLR analogue input

1) Maximum short term sine wave sound pressure level averaged from 100 Hz to 3 kHz, measured on axis in half space at 1 metre.
3) Dimensions refer to the visible part of the loudspeaker in a finished installation. Please see the product's Operating Manual for other dimensions relevant to the installation.

Architectural Series Active Subwoofer

5041A In-Wall

Maximum sound pressure level[2]	105 dB
Free field frequency response	35 Hz - 95 Hz (-6 dB)
Drivers	2 x Ø 165 mm, $6^{1}/_{2}$ inch
Amplifier power	125 W (Class D)
Loudspeaker H x W x D	1170 x 346 x 82 mm, $46^{1}/_{16}$ x $13^{5}/_{8}$ x $3^{7}/_{32}$ inch
Grille H x W x D	373 x 267 x 3 mm, $14^{11}/_{16}$ x $10^{1}/_{2}$ x $^{1}/_{8}$ inch
RAM3 Amplifier H x W x D	177 x 54 x 260 mm, $6^{31}/_{32}$ x $2^{1}/_{8}$ x $10^{1}/_{4}$ inch
Loudspeaker weight	15.0 kg / 33.1 lb
Amplifier weight	1.4 kg / 3.1 lb
Audio Connectors	RCA analogue input, XLR analogue in- and output
Recommended main speakers	AIC25 and AIW25 stereo

2) Maximum short term sine wave sound pressure level averaged from 40 Hz to 85 Hz, measured in half space at 1 metre.

Photo Guy Montagu-Pollock

Canaletto Building | London | UK
Kit List: 16 x Genelec AIC25, 3 x Genelec 8351, 4 x Genelec 8340

The impressive 31-storey Canaletto tower is one of London's most desirable locations, and one resident has chosen to equip their elegant apartment with a host of Genelec Architectural Series Loudspeakers. "The Genelec AIC25 in-ceiling solution offers excellent sound quality in a discreet design package which works extremely well throughout the apartment and integrates very well with the Crestron home network," remarked Andy Bensley of UK distributor Source. "The AV system is actually quite complex and sophisticated, but it's the exquisite Genelec sound reproduction that really brings it to life and enables the owner to experience their favourite music, movies and video games just as the creators intended."

Concordia University Library | Montreal | Canada
Kit List: 8 x Genelec AIW25

The team behind Concordia University's Webster Library Lobby upgrade project were tasked with creating an audio environment of optimal quality, with a clean design. Max Di Bitonto of the university's technology service department told us: "Since the original concept was to obtain a soundscape that filled the entire space, while avoiding sound from spreading to the public area at the bottom of the stairs, the audio configuration had to be impeccable." Seamlessly integrated in the ceiling, AIW25 loudspeakers were chosen for their compact, precise, aesthetic design - and since each can work independently, this offers multiple possibilities for future audio experiences.

Active Loudspeakers for AV Installations

The Genelec 4010A, 4020C, 4030C and 4040A are compact and powerful two-way active loudspeakers designed for AV Installations. All models contain an integrated amplification unit comprising an active electronic crossover, overload protection circuitry and two power amplifiers, one for each driver.

Designing the power amplifiers, active crossover, drivers and loudspeaker enclosure as one integrated unit presents a number of benefits:

- Excellent sound quality due to exact matching of the crossover, amplifiers and drivers.
- High sound pressure capability despite a small enclosure.
- Reliable overload protection circuitry for the amplifiers and drivers.
- Precise Room Response Controls for optimising the loudspeaker's response to suit different acoustical environments.
- No need for external power amplifiers.
- Balanced 10 kOhm line level audio input for easy and interference-resistant cabling.

All 4000 Series loudspeakers feature power management by Genelec's proprietary automatic signal sensing ISS™ function. The 4040A also has a connector for 12V trigger voltage. A wide range of mounting options is available from your local Genelec dealer.

Enclosure Colour Options

The 4000 Series enclosures are made of die-cast, recycled aluminium and the 4020C, 4030C and 4040A can be ordered in 120 different colours according to RAL standard. For more information related to these options and your specific requirements, please contact your local Genelec dealer.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Active Loudspeakers for AV Installations

4010A

Maximum sound pressure level[1]	96 dB
Free field frequency response	67 Hz – 25 kHz (-6 dB)
Accuracy of frequency response	± 2.5 dB (74 Hz – 20 kHz)
Drivers	Bass Ø 76 mm, 3 inch + Treble Ø 19 mm, $^{3}/_{4}$ inch metal dome + DCW™
Amplifier power per channel	25 W Bass + 25 W Treble (both Class D)
Dimensions H x W x D	181 x 121 x 115 mm, $7^{1}/_{8}$ x $4^{3}/_{4}$ x $4^{17}/_{32}$ inch
Weight	1.5 kg / 3.3 lb
Audio Connectors	Euroblock balanced analogue line input
Colour options	Black or White

4020C

Maximum sound pressure level[1]	100 dB
Free field frequency response	56 Hz - 25 kHz (-6 dB)
Accuracy of frequency response	± 2.5 dB (62 Hz - 20 kHz)
Drivers	Bass Ø 105 mm, $4^{1}/_{8}$ inch + Treble Ø 19 mm, $^{3}/_{4}$ inch metal dome + DCW™
Amplifier power per channel	50 W Bass + 50 W Treble (both Class D)
Dimensions H x W x D	226 x 151 x 142 mm, $8^{29}/_{32}$ x $5^{15}/_{16}$ x $5^{19}/_{32}$ inch
Weight	3.1 kg / 6.8 lb
Audio Connectors	Euroblock balanced analogue line input
Colour options	Black, White, RAW or 120 RAL colour options[2]

4030C

Maximum sound pressure level[1]	104 dB
Free field frequency response	47 Hz - 25 kHz (-6 dB)
Accuracy of frequency response	± 2.5 dB (54 Hz - 20 kHz)
Drivers	Bass Ø 130 mm, $5^{1}/_{8}$ inch + Treble Ø 19 mm, $^{3}/_{4}$ inch metal dome + DCW™
Amplifier power per channel	50 W Bass + 50 W Treble (both Class D)
Dimensions H x W x D	285 x 189 x 178 mm, $11^{7}/_{32}$ x $7^{7}/_{16}$ x 7 inch
Weight	4.9 kg / 10.8 lb
Audio Connectors	Euroblock balanced analogue line input
Colour options	Black, White, RAW or 120 RAL colour options[2]

4040A

Maximum sound pressure level[1]	109 dB
Free field frequency response	50 Hz - 25 kHz (-6 dB)
Accuracy of frequency response	± 3 dB (55 Hz - 20 kHz)
Drivers	Bass Ø 165 mm, $6^{1}/_{2}$ inch + Treble Ø 19 mm, $^{3}/_{4}$ inch metal dome + DCW™
Amplifier power per channel	120 W Bass + 120 W Treble (both Class AB)
Dimensions H x W x D	350 x 237 x 223 mm, $13^{25}/_{32}$ x $9^{11}/_{32}$ x $8^{25}/_{32}$ inch
Weight	9.9 kg / 21.8 lb
Audio Connectors	Euroblock balanced analogue line input
Colour options	Black, White, RAW or 120 RAL colour options[2]

1) Maximum short term sine wave sound pressure level averaged from 100 Hz to 3 kHz, measured on axis in half space at 1 metre.
2) All 4000 Series loudspeakers come in white or black as standard – for details of RAL colour options please contact your local Genelec dealer.


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Em Sherif Restaurant | Dubai | UAE
Kit List: 19 x Genelec 4040, 7 x Genelec 7070

Em Sherif is a distinguished fine-dining Oriental restaurant that offers unique, authentic Lebanese cuisine, and acoustics consultancy firm 21dB was tasked with installing a sound system that was able to provide an optimum audio experience for both live and recorded music in the opulent dining space. Fouad Bechwati of 21dB commented “We have used Genelec speakers many times before, and we have always been impressed with their performance. With Genelec being used extensively in music studios as a result of their fantastic reproduction, we knew their qualities for this application, and felt that they were the best choice for the job.”

Espoo School Campuses | Espoo | Finland
Kit List: 238 x Genelec 4010, 8 x Genelec 4030

A trio of schools upgraded their classrooms with the help of Genelec 4000 Series loudspeakers to deliver superior sound and outstanding reliability. “The Genelec Installation speakers sound great, they are straightforward to install and we get great feedback from users”, says integrator Tarja Karppinen. “We’ve had absolutely no problems with installation of the loudspeakers at the schools, and their reliability is terrific. We´ve also found that once people have heard the Genelec sound, they don’t want to go back to anything else! To be more precise, the clear and uncoloured sound is very important in education, and particularly in music, media and language rooms.”

Smart IP Active Installation Loudspeakers

Genelec, the global leader in professional audio monitoring, has introduced a unique open IP networking technology platform that delivers power, audio, scalable loudspeaker system configuration, and supervision and calibration features – all via a single standard CAT cable.

It's been said that simplicity is the ultimate sophistication. And when you combine Genelec's innovative Smart IP technology platform with the new PoE-powered 4420A and 4430A loudspeakers, you get both. With everything you need to power small- to medium-sized systems via one standard CAT cable, you'll discover that Genelec has introduced beauty and simplicity to both sides of the wall.

Genelec Smart IP Technology and the new Power-over-Ethernet (PoE) enabled 4420A and 4430A loudspeakers bring one-cable simplicity and superior sound to even the most challenging, high-end audio system design and installation projects.

Single-cable simplicity is only the beginning. Thanks to Genelec's sophisticated speaker management software, the smart IP technology platform enables flexible system integration, supervision, management, and monitoring over IP.

Genelec speaker management software is already a well-established and trusted tool within the company's studio monitoring speaker range. But to address the specific needs of installers, Genelec developed dedicated software that offers an array of tools focused on solving specific installation audio problems – including device discovery, automatic room equalisation and calibration, and system organisation and status monitoring. This saves integrators a substantial amount of working time while ensuring that the system performs with outstanding clarity and speech intelligibility.


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Smart IP Active Installation Loudspeakers

Smart IP loudspeaker systems deliver uncompressed low-latency networked audio, with synchronisation to sub-microsecond level for excellent sound intelligibility. With consistent power response, impressive SPL, low distortion and adaptability to different acoustic environments, each Smart IP model provides crisp, clean sound in a compact enclosure – making system installation discreet, reliable and easy.

Faced with the challenging acoustics of real installations with listeners located at different positions in the room, control of loudspeaker directivity is crucial to guaranteeing exceptionally uniform in-room coverage with clarity and speech intelligibility. Genelec has championed tightly controlled directivity for decades, and now brings its remarkable benefits to installed soundsystems – even in difficult spaces.

4420A

Maximum sound pressure level[1]	100 dB
Free field frequency response	55 Hz - 39 kHz (-6 dB)
Accuracy of frequency response	± 1.5 dB (62 Hz - 20 kHz)
Drivers	Bass Ø 105 mm, $4^{1}/_{8}$ inch + Treble Ø 19 mm, $^{3}/_{4}$ inch metal dome + DCW™
Amplifier power per channel	50 W Bass + 50 W Treble (both Class D)
Dimensions H x W x D	226 x 151 x 142 mm, $8^{29}/_{32}$ x $5^{15}/_{16}$ x $5^{19}/_{32}$ inch
Weight	3.1 kg / 6.8 lb
Audio Connectors	Euroblock balanced analogue line input, RJ45 audio-over-IP input and management interface
Management and control system	Smart IP Manager
Colour options	Black, White, RAW or 120 RAL colour options[2]

4430A

Maximum sound pressure level[1]	104 dB
Free field frequency response	45 Hz - 39 kHz (-6 dB)
Accuracy of frequency response	± 1.5 dB (58 Hz - 20 kHz)
Drivers	Bass Ø 130 mm, $5^{1}/_{8}$ inch + Treble Ø 19 mm, $^{3}/_{4}$ inch metal dome + DCW™
Amplifier power per channel	50 W Bass + 50 W Treble (both Class D)
Dimensions H x W x D	285 x 189 x 178 mm, $11^{7}/_{32}$ x $7^{7}/_{16}$ x 7 inch
Weight	5.1 kg / 11.2 lb
Audio Connectors	Euroblock balanced analogue line input, RJ45 audio-over-IP input and management interface
Management and control system	Smart IP Manager
Colour options	Black, White, RAW or 120 RAL colour options[2]

1) Maximum short term sine wave sound pressure level averaged from 100 Hz to 3 kHz, measured on axis in half space at 1 metre.
2) All 4000 Series loudspeakers come in white or black as standard – for details of RAL colour options please contact your local Genelec dealer.

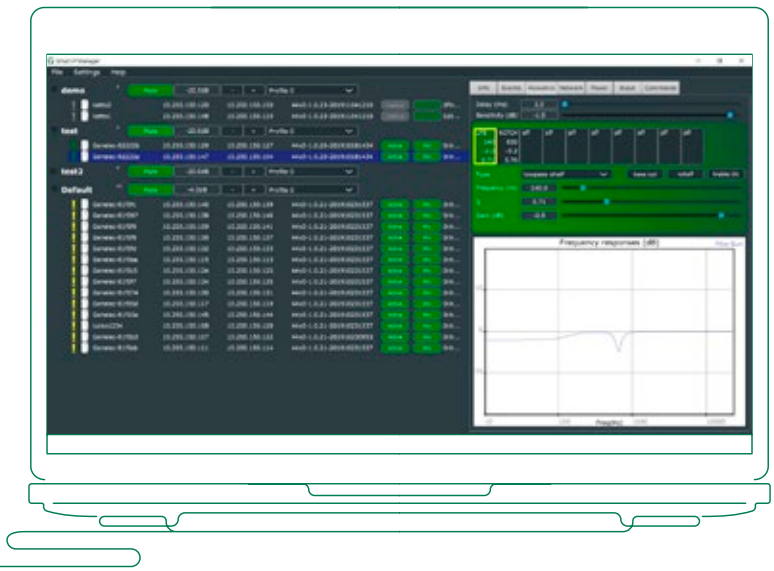
Smart IP Manager

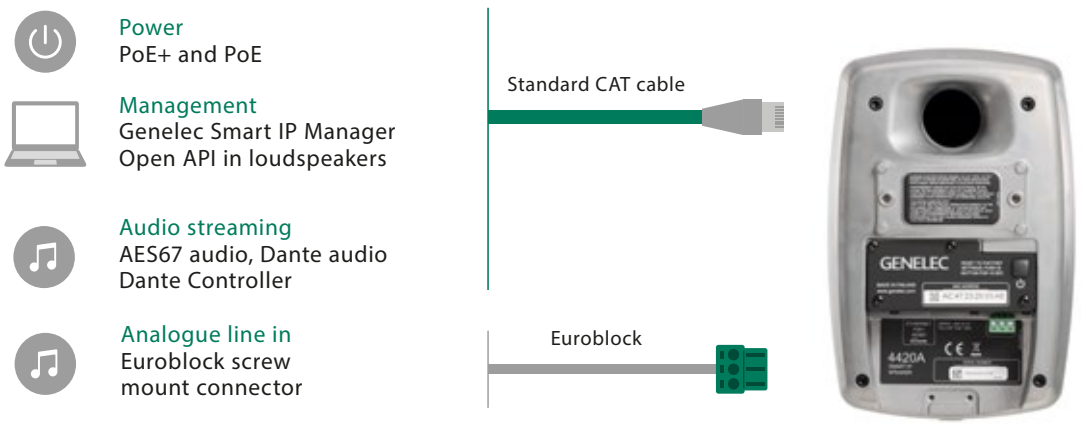
Power to the speaker

To help cope with challenging acoustic environments, Smart IP Manager integrates with the loudspeaker's internal DSP to allow analysis and corrective equalisation of any detrimental room acoustics, along with control of delay and level alignment. Internal memory within the speaker then allows instant recall of settings, allowing fast and accurate deployment in any environment.

Power to the installer

Smart IP Manager software is specifically designed to be used by installers during system set-up, and allows the configuration of almost unlimited numbers of rooms, zones, loudspeakers and audio channels. After which, a public API command set allows Smart IP speakers to then be integrated into house automation systems – enabling end user control of simple parameters including volume, power on/off, loudspeaker activity and a selection of pre-programmed audio settings.





Accessories

Genelec offers a huge range of accessories, including versatile mounting options, carrying bags, control units for subwoofers, cables, magnetic shielding kits, protective grilles for large models and much more.

Here is just a selection of popular accessories, but for more options, information and to see our full Accessories catalogue, please visit **www.genelec.com**

Stand plates for Iso-Pod™
Genelec stand plates are designed for use together with the Iso-Pod (that allows you to tilt the monitor for optimal alignment). See all available options online.

L-shape Table stands
All stands have 0-20 degree tilt angle adjustment upwards. For 8010 and 8X20 sizes vertical mounting. For 8X3X, 8X4X and 8X5X sizes vertical and also horizontal mounting is possible.This is 8010-320B/W for 8010. See options for other models online.

Short table stand 8000-406
Providing a raised position for near-field monitors. Use together with stand plate for better positioning. For the model 8040 only with adapter 8040-408. Picture shows the stand with adapter 8030-408 (to be ordered separately). Height 170 mm.

Adjustable height table stand 8000-425B
With a base plate that can be attached to a table or a flat surface. Telescopic tube length 301-527 mm for optimum monitor positioning.

Fixed wall mount 4000-410B/W
For various models.

Adjustable wall mount with T-plate 8000-422B/W
For various models.

Floor stand 8000-409B
Height: 950 - 1430 mm. Load capacity up to 35 kg. Suitable for all models between 8010 – 8351. Corresponding 80X0-408 required.

Design Floor stand 8000-400
Height adjustment between 1100-1700 mm, with a positioning and clamping knob. An additional adapter (8000-438) is required for horizontal mounting.

Adjustable wall mount 8000-402B/W
Bracket for 8000 series. The pan & tilt feature offers you various options to position your loudspeaker.

Short wall mount 8000-420B/W
Versatile wall mount, with a ball joint enabling 360° rotation and max. 90° tilt, depending on the model and mounting.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Accessories

Short ceiling mount
8000-202B/W
Versatile ceiling mount, with a ball joint enabling 360° rotation and max. 90° tilt, depending on the loudspeaker model and mounting.

Short ceiling mount
8000-436B/W
Versatile ceiling mount, with a ball joint enabling 360° rotation and max. 90° tilt. For various models.

Short adjustable ceiling mount
8000-442B/W
Possible to down tilt up to 90°, cables led inside the 50 mm tube. Length from 400 to 600 mm. For various models.

Truss mount, adjustable length
8000-446B
Clamp for Ø 50 mm tube. Length from 355 to 505 mm. Adaptable up to 8351 models.

Short truss mount
8000-416B
With clamp for Ø 50 mm tube. For various models.

Cables
A wide selection of signal cables are available.

9000A Stereo Volume Controller
For all Genelec loudspeakers, 3.5 mm connectors.

9001A Mono Volume Controller
For a single loudspeaker with XLR connectors.

Carrying Bags and Cases
Available for many loudspeaker models.

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