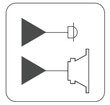

Professional
monitoring systems
GENELEC®

Genelec active monitors 6 key technologies

ACTIVE CROSSOVER

Active crossover operating at low signal levels



OPTIMIZED AMPLIFIERS

Each transducer is driven by its own optimized amplifier

PROTECTION CIRCUITRY

Sophisticated drive unit protection circuitry for safe operation

ROOM RESPONSE CONTROLS

Precise room response controls for optimizing in-room performance

DIRECTIVITY CONTROL WAVEGUIDE™

Directivity Control Waveguide for flat on- and off-axis response

INTELLIGENT SIGNAL SENSING POWER MANAGEMENT

Significant reduction of power consumption in Standby mode

Content list

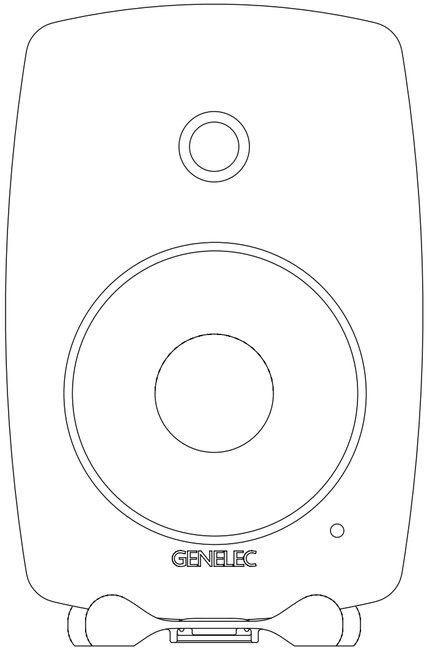
The long lasting experience

Since 1978 Genelec, a Finnish loudspeaker manufacturer, has been developing high quality active loudspeaker monitoring equipment. Based on customer feedback and needs, Genelec's R&D team's technical ambition has led to several key technologies over the years, refined to products that have set the benchmark in active loudspeaker monitoring; from the largest three-way main loudspeaker monitors to the smallest two-way loudspeaker systems, as well as a complete range of subwoofers. Maintaining this wide offering is a formidable task, which has given Genelec challenges and ultimately a lot of experience. The benefit for every one of Genelec's customers is precision tools to rely on. Our products are made for demanding professional use. They reveal the original nuances of the sound, without leaving anything out from or adding anything to the signal in any stage of the production. For many of our customers this continues to be the main reason for trusting Genelec. Genelec active monitors are made to last, with pride and care by our own production staff in Finland. Many of our first products continue to deliver the experience, and we continue our commitment to provide service and spare parts for all products for at least five years, in many cases much longer, after the discontinuation of production. For year 2013, Genelec introduces Intelligent Signal SensingTM (ISS™) function, which reduces the power consumption of loudspeakers in standby mode to less than 0.5 Watts. The loudspeakers go to standby mode automatically one hour after the audio signal has stopped and switch back on as soon as the signal returns.

INTELLIGENT SIGNAL SENSING POWER MANAGEMENT

Significant reduction of power consumption in Standby mode

By registering your Genelec 2-way products and subwoofers on the Community website www.genelec.com/community you can even extend the warranty time to 4 years from the date of purchase.



The Genelec factory in Iisalmi, Finland

The First Step to Professional Audio - 6010B & 5040B System

The Genelec 6010B is a very compact two-way active loudspeaker designed for computer sound systems and other close proximity listening applications. Its small size, amazing sound quality and rugged construction make the 6010B an ideal portable sound system for the traveling professional user and a constant source of enjoyment for active free time.

The Genelec 5040B is a very compact active subwoofer designed to complement up to five Genelec 6010B active loudspeakers or a pair of the slightly bigger 8020's. The 5040B extends the system's bass response down to 35 Hz and integrates perfectly with the 6010B's in any environment. The playback level for the whole system is conveniently controlled by the remote volume control provided with the 5040B subwoofer. Both the 6010B and 5040B feature the new, power-saving Intelligent Signal Sensing function.

The 5040A is the winner of the 2009 Fennia Prize Grand Prix design award, presented by Design Forum Finland and the Fennia Group. The 6010A and 5040A combination is also the winner of the TEC Award 2009 in category Studio Monitoring Technology.

fenniaprize 09
good design grows global
GRAND PRIX

6010B

Maximum sound pressure level[1]	93 dB
Frequency response	74-18000 Hz (± 2.5 dB)
Drivers	Bass 3" + Treble $^{3}/_{4}$" metal dome + DCW™
Amplifier power per channel	Bass 12 W + Treble 12 W
Dimensions	H x W x D 195 x 121 x 114 mm
	($7^{11}/_{16}$" x $4^{3}/_{4}$" x $4^{1}/_{2}$") with Iso-Pod™
Weight	1.4 kg (3.1 lb)
Order code	6010BP (black)

5040B

Maximum sound pressure level[3]	98 dB
Frequency response	35-85/120 Hz (± 3 dB)
Drivers	$6^{1}/_{2}$" Active
Amplifier power	40 W
Dimensions	Height x Diameter 251 x 305 mm
	($9^{7}/_{8}$" x 12")
Weight	6.3 kg (13.9 lb)
Order code	5040BPM (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 meter

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

Red Bull Music Academy, London 2010

Active Two-Way Monitors

Typical applications of Genelec two-way active monitors include near-field monitoring in recording studios, broadcast facilities, mastering suites, post-production houses, mobile production vehicles, project/home studios, audio and video workstations, fixed installations and multichannel audio monitoring.

The outstanding 8000 MDE™ Series has introduced the Minimum Diffraction Enclosure™ with its rounded edges that curve gently and seamlessly into the shape of the Advanced DCW™ waveguide and the rear-mounted reflex tube. Made of die-cast aluminium, the 8000 Series enclosures offer excellent damping and sturdy structure, yet with thin walls and maximised internal volume. The long, curved reflex tube is flow optimized to increase the woofer's low frequency extension and SPL capacity. New technology drivers combined with carefully designed filters provide improved resolution and minimum listening fatigue over the entire audio spectrum. Every Genelec 8000 Series monitor comes with a rubber based Iso-Pod™ (Isolation Positioner/Decoupler™) which prevents coloration caused by conduction of unwanted vibration to the mounting surfaces. The Iso-Pod™ also features adjustable speaker tilt for precise aiming of the acoustical axis. With all these technological advantages the 8000 Series provides an unmatched sound experience.

All Genelec active two-way monitors feature the new Intelligent Signal SensingTM function, which reduces power consumption to less than 0.5 Watts when the monitors are not in use.

8000 Series Two-Way Active Monitors

8020C

Maximum sound pressure level[1]	95 dB
Frequency response	66-20000 Hz ± 2.5 dB
Drivers	Bass 4" + Treble 3/4", metal dome + DCW™
Amplifier power per channel	Bass 20 W + Treble 20 W
Dimensions	H x W x D 242 x 151 x 142 mm,
	($9^{1}/_{2}$ x 6 x $5^{3}/_{8}$) with Iso-Pod™
Weight	3.7 kg (8.1 lb)
Order code	8020CP

8030B

Maximum sound pressure level[1]	100 dB
Frequency response	58-20000 Hz ± 2.0 dB
Drivers	Bass 5" + Treble 3/4", metal dome + DCW™
Amplifier power per channel	Bass 40 W + Treble 40 W
Dimensions	H x W x D 299 x 189 x 178 mm,
	($11^{13}/_{16}$ x $7^{7}/_{16}$ x $7^{1}/_{16}$") with Iso-Pod™
Weight	5.6 kg (12.3 lb)
Order code	8030BP

8040B

Maximum sound pressure level[1]	105 dB
Frequency response	48-20000 Hz ± 2.0 dB
Drivers	Bass $6^{1}/_{2}$" + Treble 3/4", metal dome + DCW™
Amplifier power per channel	Bass 90 W + Treble 90 W
Dimensions	H x W x D 365 x 237 x 223 mm,
	($14^{3}/_{8}$ x $9^{3}/_{8}$ x $8^{13}/_{16}$") with Iso-Pod™
Weight	8.6 kg (18.9 lb)
Order code	8040BP (black)

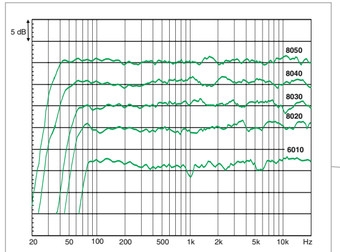
8050B

Maximum sound pressure level[1]	110 dB
Frequency response	38-20000 Hz ± 2.0 dB
Drivers	Bass 8" + Treble 1", metal dome + DCW™
Amplifier power per channel	Bass 150 W + Treble 120 W
Dimensions	H x W x D 452 x 286 x 278 mm,
	($17^{13}/_{16}$ x $11^{1}/_{4}$ x $10^{15}/_{16}$") with Iso-Pod™
Weight	12.7 kg (28 lb)
Order code	8050BP (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 meter

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 6010B 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.

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 colourations associated with conventional designs.

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.

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.

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" (6010, 8020, 8030) or M10 (8040, 8050) 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.

The 1032B Active Two-Way Monitor

Originally designed as a near field monitor, the 1032B can also be used for main monitoring in many situations due to its high output and extended frequency response. It is magnetically shielded making it ideal for recording studios, broadcast monitoring, TV control rooms, mobile vans and CD/DVD mastering.

1032B

Maximum sound pressure level[1]	113 dB
Frequency response	42-21000 Hz ± 2.5 dB
Drivers	Bass 10" + Treble 1", metal dome + DCW™
Amplifier power per channel	Bass 180 W + Treble 120 W
Dimensions	H x W x D 495 x 320 x 290 mm, (19½ x 12⅝ x 11 7/16") with Iso-Pod™
Weight	21.7 kg (48 lb)
Order code	1032BP (durable black paint), 1032BE (black veneer)

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

SAM Series DSP Monitoring Systems

A sound engineer needs to have a reliable and precise monitor system that reproduces the source sound neutrally. An uncolored and undistorted sound with flat frequency response in all situations is essential. A monitor that is capable of automatically adapting to acoustical environments and correcting for levels, delays and room calibration is an indispensable tool for a sound professional. A Smart Active Monitor™ (SAM™) addresses all these demanding tasks. A SAM™ system can be controlled with digital networking, enabling you to build highly flexible computer controlled systems of monitors. The acoustical features of SAMs can be optimized with software calibration features for different working styles or client demands. SAM™ reflects the most advanced monitoring system features available in the audio industry.

The SAM™ loudspeaker line consists of two-way models 8240A and 8250A and three-way models 8260A and 1238CF. The matching SAM™ subwoofers are models 7260A, 7270A and 7271A. All these loudspeakers and subwoofers are equipped with integrated DSP circuitry and can be combined together in various configurations, all conveniently controlled by the GLM™ software. Compact and easy to set up and use, the Genelec SE™ (Small Environment) DSP loudspeaker system offers the benefits of Genelec's SAM™ technology in a compact format. At the heart of the system is the SE7261A DSP subwoofer with DSP processing supporting eight channels of digital audio and network control. The 8130A digital input active loudspeakers are not connected to the network but DSP processing is applied to the high-pass filtered output signal at the subwoofer, allowing the 8130A's to be aligned and adjusted to perfection.

Access to the benefits of Genelec's Smart Active Monitor™ systems is made easy by the AD9200 Analog to Digital converter. The AD9200 allows the use of the 7200 Series SAM™ subwoofers with analog signal sources, bringing the full potential of Genelec's DSP monitoring systems to all applications.
The 8200/7200 Series DSP Systems and SE™ (Small Environment) DSP loudspeaker system are the winners of TEC Awards for outstanding achievement in the category of Studio Monitor Technology in 2007, 2008, 2010 and 2011.

8200A Calibration Microphone

SAM™ Loudspeakers and subwoofers

The 8240A and 8250A two-way SAM™ loudspeakers are designed for near-field monitoring applications. The three-way models 8260A and 1238CF extend the application range to mid-sized rooms.

The 8260A presents the proprietary Minimum Diffraction Coaxial™ (MDC™) treble/midrange driver perfectly matched with the large DCW™ waveguide. This breakthrough in coaxial design provides improved imaging and overall sound quality on- and off-axis, extremely smooth frequency response leading to outstanding clarity and definition of the inner details of the music. With its high SPL capacity and low frequency reproduction that typically reaches down to 20 Hz after calibration with AutoCal™, the 8260A is the perfect main monitor for most applications.
The 1238CF is a compact three-way DSP loudspeaker with excellent directivity characteristics, optimized for systems utilizing one or multiple subwoofers in medium sized control rooms. Using the latest version of GLM software, the 8260A and 1238CF can be combined with other SAM™ models in the same setup.

The most critical listening conditions require the most advanced monitoring tools. Customers with digital audio production environments will be able to enjoy all the benefits of the new technologies in the Genelec SAM™ Loudspeakers and Subwoofers.
The marriage of an outstanding analog system performance with the breakthrough technologies of DSP, Genelec Loudspeaker Manager™ setup and installation software and AutoCal™ automated self-calibration algorithm allow ultimate refinement of sound reproduction in modern control rooms and an unsurpassed accuracy also in acoustically unfavourable monitoring environments.

To complement the SAM™ loudspeakers, Genelec has developed three robust SAM™ subwoofers. Built upon the proven LSE™ (Laminar Spiral Enclosure™) technology of the 7000 Series, the 7260A, 7270A and 7271A deliver the same articulate and precise low frequency reproduction.
The SAM™ subwoofers provide the cornerstone for those control room environments that are equipped with fully digital monitor/buss outputs, with connectivity via four AES/EBU digital inputs and outputs. All standard 7000 series functions are available in Stand Alone mode. Connected to the network through GLM™ software, additional powerful resources become available. When coupled with AutoCal™, Genelec's automated self-calibration algorithm, enhanced acoustic integration is provided with every loudspeaker in virtually any control room environment.

These SAM™ systems are, by design, straightforward and easy to use, versatile in configuration and adaptable acoustically to nearly any environment you place them in, providing outstanding clarity and definition with a naturalness that you can immediately trust. And with respect to our customers most valuable asset – time – these systems are up and running quickly and effortlessly.

GLM™ Genelec Loudspeaker Manager Software

Genelec Loudspeaker Manager™ software manages connectivity to all loudspeakers on the network – up to 30 – from cabling and labeling to complete loudspeaker definitions. Standard system configurations are provided as well as provision for customized User Setups. All functions and settings are stored in these Setups or you can store this data in each loudspeaker should you wish to disconnect the network and operate without GLM™ to ensure security of your monitoring system.

GLM

Operating system supported	Win XP, Vista, 7, 8; Mac OS X 10.6.-10.8. *
Number of loudspeakers supported	30
Number of audio channels supported	24 (AES/EBU single-wire),
	12 (analog, AES/EBU dual-wire)
System calibration	AutoCal™
Major components included	GLM™ Network interface device
	8200A Calibration microphone and holder
	USB cable
	Measurement signal cable
	Software CD
	System Operating Manual
Order code	8200-601C
	*Check current support from www.genelec.com

GLM™ Multiroom Expansion Kit

Major components included	GLM™ Network interface device
	USB cable
Order code	8200-602

Backpanel of the 8240A

Connector panel of the 7270A

Two-way SAM™ loudspeakers

Colour options Producer Black and Polar White

8240A

Maximum sound pressure level[1]	105 dB
Frequency response	48-20000 Hz ±1 dB
Drivers	Bass 6 1/2" + Treble 3/4"
	metal dome + DCW™
Amplifier power per channel	Bass 90 W + Treble 90 W
Dimensions	H x W x D 365 x 237 x 223 mm,
	(14 3/8 x 9 3/8 x 8 13/16") with Iso-Pod™
Weight	9.4 kg (20.8 lb)
Order code	8240AP (black), 8240AW (white)

Colour options Producer Black and Polar White

8250A

Maximum sound pressure level[1]	110 dB
Frequency response	38-20000 Hz ± 1 dB
Drivers	Bass 8" + Treble 1"
	metal dome + DCW™
Amplifier power per channel	Bass 150 W + Treble 120 W
Dimensions	H x W x D 452 x 286 x 278 mm,
	(17 13/16 x 11 1/4 x 10 15/16") with Iso-Pod™
Weight	14.6 kg (32 lb)
Order code	8250AP (black), 8250AW (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 meter

Three-way SAM™ loudspeakers

1238CF

Maximum sound pressure level[1]	117 dB
Frequency response	57-20000 Hz ± 2.0 dB
Drivers	Bass 2 x 8” + Midrange 5” + Treble 1”
	metal dome + DCW™
Amplifier power per channel	Bass 150 W + Midrange 120 W + Treble 120 W
Dimensions	H x W x D 610 x 470 x 235 mm
	(24 x 18½ x 9 1/4”)
Weight	42 kg (93 lb)
Order code	1238CFP

Colour options Producer Black, Mystic Black and Polar White

8260A

Maximum sound pressure level[1]	113 dB
Frequency response	29-21000 Hz ± 1 dB
Drivers	Bass 10” + Midrange/Treble MDC™
	5” / 3/4” coaxial driver + DCW™
Amplifier power per channel	Bass 150 W + Midrange 120 W + Treble 120 W
Dimensions	H x W x D 593 x 357 x 347 mm,
	(23 3/8 x 14 1/16 x 13 3/4”) with Iso-Pod™
Weight	27.5 kg (60.5 lb)
Order code	8260AP (black), 8260AMM (mystic black),
	8260AW (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 meter

SAM™ subwoofers

7260A

Maximum sound pressure level[2]	108 dB
Frequency response	19-100 Hz ± 3 dB
Drivers	10”
Amplifier power	120 W
Dimensions	H x W x D 527 x 462 x 363 mm
	(20 3/4 x 18 3/16 x 14 5/16”)
Weight	27 kg (59 lb)
Recommended main monitors	8240A (stereo)
Order code	7260AP

7270A

Maximum sound pressure level[2]	112 dB
Frequency response	19-100 Hz ± 3 dB
Drivers	12”
Amplifier power	250 W
Dimensions	H x W x D 625 x 555 x 490 mm
	(24 5/8 x 21 7/8 x 19 3/16”)
Weight	51 kg (112 lb)
Recommended main monitors	8250A (stereo) and 8240A (surround)
Order code	7270AP

7271A

Maximum sound pressure level[2]	118 dB
Frequency response	19-100 Hz ± 3 dB
Drivers	2 x 12”
Amplifier power	500 W
Dimensions	H x W x D 755 x 803 x 490 mm
	(29 3/4 x 31 5/8 x 19 3/16”)
Weight	82 kg (180 lb)
Recommended main monitors	8260A (stereo) and 8250A (surround)
Order code	7271AP

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

Genelec SE™ Small Environment SAM™ System

The SE™ DSP System consists of SE7261A DSP subwoofer + up to 8 x 8130A monitors + GLM.SE™ software.

The Genelec SE™ (Small Environment) SAM™ System brings a new approach to solving many acoustic issues associated with small recording and mixing environments. Smaller production rooms beg for sensible solutions in monitoring. The SE™ DSP System brings easy to use and affordable Genelec quality to this wide range of customers. The system utilizes the new 10” SE7261A DSP subwoofer in combination with the 8130A digital input active monitors. The SE™ System easily configures to all popular audio configurations from subwoofer-assisted stereo to multi-channel reference systems. GLM.SE™ software control of the SE7261A DSP subwoofer provides all necessary network connections to the host computer and supplies extensive DSP resources for the 8130A digital input loudspeakers through its AES/EBU digital outputs.

The SE7261A subwoofer processing includes:
-Eight channel AES/EBU bass management
-Four notch filters applied to the subwoofer
-AutoPhase feature for perfect subwoofer integration

The SE7261A loudspeaker output processing for the eight output channels each have:
-High-pass filtering
-Two notch filters
-Time of flight compensation
-Level alignment
-Video display delay compensation

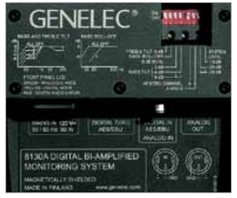
New Genelec Loudspeaker Manager for the SE™ system, GLM.SE™ software, provides a familiar graphical user interface, speeding users through system setup and fully automated AutoCal™ acoustic system calibration. It also provides an efficient working environment for professionals with system setup file support and efficient tools for evaluating audio content. Video editing suites, mobile production trucks, personal music studios and broadcast control rooms all gain control of their monitoring environment with the Genelec SE™ DSP System.

GLM.SE™ Small Environment DSP System Software

GLM.SE™ software provides versatile configuration, control and alignment functions for the Genelec SE™ DSP System. Settings can be tailored to changing needs and stored as Setup files in the computer or in the memory of the SE7261A subwoofer. GLM.SE™ software supports all the main functions of the standard GLM™, including the AutoCal™ algorithm.

Operating system supported	Win XP, Vista, 7, 8; Mac OS X 10.6 -10.8.*
Number of loudspeakers supported	8
Number of audio channels supported	8 (AES/EBU single-wire)
System calibration	AutoCal™
Major components included	GLM™ Network interface device
	8200A Calibration microphone and holder
	USB cable
	Measurement signal cable
	Software CD
	System Operating Manual
Order code	8200-501B
	*Check current support from www.genelec.com

Backpanel of the 8130A



Connector panel of the SE7261A

8130A

Digital input and word length	AES/EBU 16...24 bits
Input sampling rate	29-200 kHz
Maximum sound pressure level[1]	100 dB
Frequency response	58-20000 Hz ± 2.0 dB
Drivers	Bass 5” + Treble 3/4”, metal dome + DCW™
Amplifier power per channel	Bass 40 W + Treble 40 W
Dimensions	H x W x D 299 x 189 x 178 mm
	(11 $^{13}/_{16}$ x 7 $^{7}/_{16}$ x 7 $^{1}/_{16}$”) with Iso-Pod™
Weight	5.6 kg (12.3 lb)
Order code	8130AP

SE7261A

Maximum sound pressure level[2]	108 dB
Frequency response	19-100 Hz ± 3 dB
Drivers	10”
Amplifier power	120 W
Dimensions	H x W x D 527 x 462 x 363 mm
	(20 $^{3}/_{4}$ x 18 $^{3}/_{16}$ x 14 $^{2}/_{16}$”)
Weight	27 kg (59 lb)
Recommended main monitors	8130A (up to 8)
Order code	SE7261AP

AD9200A Analog to Digital Converter

The AD9200A eight-channel analog to digital converter has been designed in response to those customers who wish to interface conventional analog monitoring sections to Genelec SAM™ systems.

Eight-channel balanced analog input is delivered via a 25-pin DB25 connector wired to the Tascam/ProTools industry standard pinout. Digital output consists of four XLR connections, each carrying two channels of AES/EBU audio. The AD9200A converter outputs AES3 format with 24 bit word length and 192 kHz sample rate, providing the same consistent high quality found on our 8200 and 7200 Series SAM™ products.

AD9200A

Number of channels	8
Analog input type	Balanced DB25 Tascam pin out
Digital audio format	AES/EBU (AES3)
Word length	24 bits
Sample rate	192 kHz
Dimensions	H x W x D 43 x 483 x 105 mm
	(1 $^{11}/_{16}$ x 19 x 4 $^{1}/_{8}$”)
Weight	2 kg (4.4 lb)
Order code	AD9200A

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

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

Active Subwoofers

With Genelec Active Subwoofers you can extend the low frequency response of your main monitors in stereo and surround sound applications. The 7050B can handle 5.1 monitoring with the 8020C, and the larger subwoofers feature Genelec's proprietary 6.1 bass management system, which also allows linking several subwoofers together with a summed output signal. The dedicated LFE input can be configured for different LFE reproduction bandwidths in all models. The 7050B, 7060B, 7070A and 7071A utilize Genelec's patented LSE™ (Laminar Spiral Enclosure™) technology. The spiral-shaped design yields an extremely rigid enclosure while forming the subwoofer's integral reflex port. The flow-optimized design provides an extended LF capacity, low distortion and precise bass articulation. In the 7073A flagship subwoofer, the proprietary and innovative reflex tube is housed in a rugged enclosure particularly suited for flush mounting.

Active Subwoofers

7050B

Maximum sound pressure level²	100 dB
Frequency response	25-85 Hz ± 3 dB
Drivers	8”
Amplifier power	70 W
Dimensions	H x W x D 410 x 350 x 319 mm,
	($16^{1}/_{8}$ x $13^{3}/_{4}$ x $12^{9}/_{16}$”)
Weight	18 kg (39.6 lb)
Recommended main monitors	8030 stereo and 8020 surround
Order code	7050BP

7060B

Maximum sound pressure level²	108 dB
Frequency response	19-85 Hz ± 3 dB
Drivers	10”
Amplifier power	120 W
Dimensions	H x W x D 527 x 462 x 363 mm,
	($20^{3}/_{4}$ x $18^{3}/_{16}$ x $14^{5}/_{16}$”)
Weight	28 kg (62 lb)
Recommended main monitors	8040 stereo and 8030 surround
Order code	7060BP

7070A

Maximum sound pressure level²	112 dB
Frequency response	19-85 Hz ± 3 dB
Drivers	12”
Amplifier power	250 W
Dimensions	H x W x D 625 x 555 x 490 mm,
	($24^{5}/_{8}$ x $21^{7}/_{8}$ x $19^{9}/_{16}$”)
Weight	50 kg (110 lb)
Recommended main monitors	8050 stereo and 8040 surround
Order code	7070AP

7071A

Maximum sound pressure level²	118 dB
Frequency response	19-85 Hz ± 3 dB
Drivers	2 x 12”
Amplifier power	500 W
Dimensions	H x W x D 755 x 803 x 490 mm,
	($29^{3}/_{4}$ x $31^{5}/_{8}$ x $19^{9}/_{16}$”)
Weight	81 kg (178 lb)
Recommended main monitors	1037, 1038 stereo and 1032, 8050 surround
Order code	7071AP

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

7073A

Maximum sound pressure level[2]	124 dB
Frequency response	19-85 Hz ± 3 dB
Drivers	4 x 12”
Amplifier power	1000 W
Dimensions	H x W x D 524 x 1440 x 558 mm ($20^{5}/_{8}$ x $56^{11}/_{16}$ x 22”)
Weight	120 kg (265 lb)
Recommended main monitors	1034B stereo and 1038 surround
Order code	7073AP

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

Stereo and Surround Sound Environments

Creating a balanced surround sound monitoring environment calls for matched monitors and subwoofers. The Genelec 8000 MDE™ Series active monitors have their perfect match with the Genelec LSE™ Subwoofers. To scale the system optimally for your space and SPL requirements, please visit our website www.genelec.com* for recommended system setups. Here are some examples of Genelec surround sets for small and medium mixing environments.

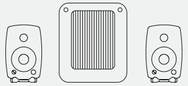
www.genelec.com/learning-center/suggested-system-setups

Stereo

2 x 6010B + 5040B

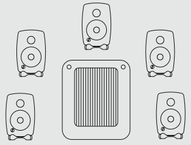
2 x 8130A + SE7261 + GLM.SE

2 x 8020C + 7050B



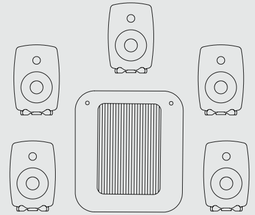
2 x 8030B + 7050B

Surround



5 x 8020C + 7050B

5 x 8130A + SE7261 + GLM.SE



5 x 8040B + 7070A

5 x 8250A + 7271A + GLM

Active Three-Way and Main Monitors

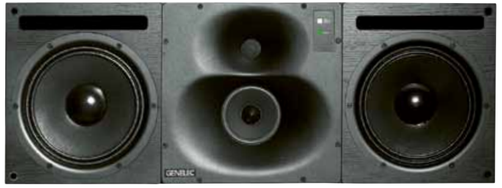
The 1037C and the 1038B are magnetically shielded three-way monitoring systems for moderate sized control rooms. Due to their broad bandwidth and high output, they are ideal for music recording, surround sound monitoring, DVD mastering, broadcasting studios, editing suites and drama studios. Although designed to be used free standing, they perform even better when flush mounted.

The 1038CF is optimized for applications where a subwoofer is used. Its compact cabinet is easy to place and the full-size DCW maintains consistent directivity even in medium sized rooms.

The 1038BC is a magnetically shielded compact center channel version of the 1038B monitor delivered with a separate rack-mounted amplifier unit as standard. It is designed to be used with a pair of 1038B's in three channel (LCR) set-up and in surround systems where space near the video monitor or screen is limited. The 1038BC can also be oriented vertically for installations where horizontal space is limited.

The 1034B is the optimal main monitor for medium sized control rooms or where there is little space available for flush mounting in the front wall. It is also used in CD and DVD mastering, sound stages and LCR and surround sound installations. The dedicated, magnetically shielded center channel version 1034BC offers a slim solution, as space near the video monitor or screen may be insufficient for a standard 1034B.

The flush mounted 1039A, the classic 1035B and the flagship 1036A are optimal for large control rooms where wide bandwidth and high to extremely high SPL are required with lowest possible distortion.



1038BC

Maximum sound pressure level[1]	120 dB
Frequency response	35-20000 Hz ± 2.5 dB
Drivers	Bass 2 x 10" + Midrange 5" + Treble 1" metal dome + DCW™
Amplifier power per channel	Bass 2 x 200 W + Midrange 120 W + Treble 120 W
Speaker dimensions	H x W x D 350 x 950 x 453 mm (13$^{3}/_{4}$ x 37$^{3}/_{8}$ x 17$^{7}/_{8}$")
Amplifier dimensions	H x W x D 530 x 480 x 113 mm (20$^{7}/_{8}$ x 18$^{7}/_{8}$ x 4$^{7}/_{16}$")
Speaker weight	60 kg (130 lb)
Amplifier weight	14 kg (31 lb)
Order code*	1038BCE-VL, 1038BCE-VR, 1038BCE-HU, 1038BCE-HD

1037C

Maximum sound pressure level[1]	116 dB
Frequency response	37-21000 Hz ± 2.5 dB
Drivers	Bass 12" + Midrange 5" + Treble 1" metal dome + DCW™
Amplifier power per channel	Bass 180 W + Midrange 120 W + Treble 120 W
Speaker dimensions	H x W x D 680 x 400 x 380 mm (26$^{3}/_{4}$ x 15$^{3}/_{4}$ x 14$^{15}/_{16}$")
Speaker weight	37 kg (82 lb)
Order code*	1037CE, 1037CP

1038B

Maximum sound pressure level[1]	120 dB
Frequency response	35-20000 Hz ± 2.5 dB
Drivers	Bass 15" + Midrange 5" + Treble 1" metal dome + DCW™
Amplifier power per channel	Bass 400 W + Midrange 120 W + Treble 120 W
Speaker dimensions	H x W x D 810 x 480 x 420 mm (31$^{7}/_{8}$ x 18$^{7}/_{8}$ x 16$^{9}/_{16}$")
Speaker weight	60 kg (130 lb)
Order code*	1038BE, 1038BP

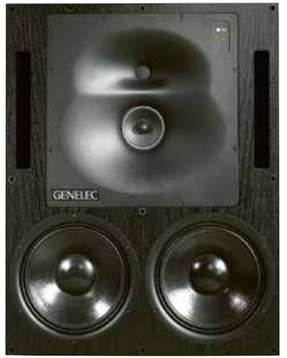
1038CF

Maximum sound pressure level[1]	118 dB
Frequency response	57-20000 Hz ± 2.5 dB
Drivers	Bass 2 x 8" + Midrange 5" + Treble 1" metal dome + DCW™
Amplifier power per channel	Bass 180 W + Midrange 120 W + Treble 120 W
Speaker dimensions	H x W x D 610 x 470 x 235 mm (24 x 18½ x 9$^{1}/_{4}$")
Speaker weight	39 kg (87 lb)
Order code	1038CFP

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

* See page 38 for monitor orientation

Newman Scoring Stage, 20th Century Fox, Los Angeles



1034B

Maximum sound pressure level[1]	123 dB
Frequency response	33-20000 Hz ± 2.5 dB
Drivers	Bass 2 x 12" + Midrange 5" + Treble 1" metal dome + DCW™
Amplifier power per channel	Bass 2 x 400 W + Midrange 350 W + Treble 120 W
Speaker dimensions	H x W x D 700 x 890 x 383 mm (27 9/16 x 35 x 15 1/16")
Amplifier dimensions	H x W x D 310 x 483 x 250 mm (12 3/16 x 19 x 9 13/16")
Speaker weight	73 kg (161 lb)
Amplifier weight	30 kg (66 lb)
Order code*	1034BE-VU, 1034BE-VD, 1034BE-HL, 1034BE-HR

1034BC

Maximum sound pressure level[1]	123 dB
Frequency response	33-20000 Hz ± 2.5 dB
Drivers	Bass 2 x 12" + Midrange 5" + Treble 1" metal dome + DCW™
Amplifier power per channel	Bass 2 x 400 W + Midrange 350 W + Treble 120 W
Speaker dimensions	H x W x D 489 x 1210 x 412 mm (19 1/4 x 47 5/8 x 16 1/4")
Amplifier dimensions	H x W x D 310 x 483 x 250 mm (12 3/16 x 19 x 9 13/16")
Speaker weight	84 kg (185 lb)
Amplifier weight	30 kg (66 lb)
Order code*	1034BCE-VL, 1034BCE-VR, 1034BCE-HU, 1034BCE-HD

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

* See page 38 for monitor orientation

1039A

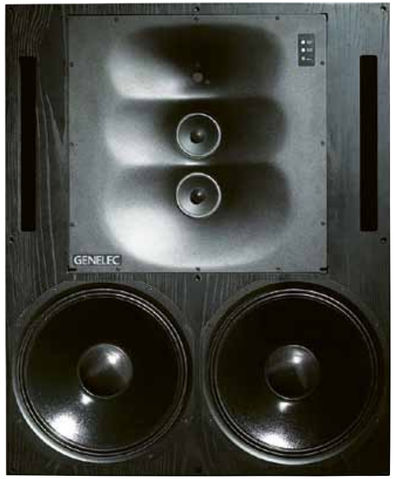
Maximum sound pressure level[1]	126 dB
Frequency response	31-20000 Hz ± 2.5 dB
Drivers	Bass 2 x 15” + Midrange 5” + Treble 1” metal dome + DCW™
Amplifier power per channel	Bass 2 x 400 W + Midrange 350 W + Treble 120 W
Speaker dimensions	H x W x D 820 x 1050 x 550 mm ($32^{9}/_{16}$ x $41^{5}/_{16}$ x $21^{5}/_{8}$”)
Amplifier dimensions	H x W x D 310 x 483 x 250 mm ($12^{1}/_{16}$ x 19 x $9^{13}/_{16}$”)
Speaker weight	115 kg (253 lb)
Amplifier weight	30 kg (66 lb)
Order code*	1039AE-VU, 1039AE-VD, 1039AE-HL, 1039AE-HR

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

1035B

Maximum sound pressure level[1]	131 dB
Frequency response	30-20000 Hz ± 2.5 dB
Drivers	Bass 2 x 15” + Midrange 2 x 5” + 1” compression driver + DCW™
Amplifier power per channel	Bass 2 x 1100 W + Midrange 600 W + Treble 300 W
Speaker dimensions	H x W x D 820 x 1105 x 775 mm ($32^{9}/_{16}$ x $43^{1}/_{2}$ x $30^{1}/_{2}$”)
Amplifier dimensions	H x W x D 755 x 483 x 370 mm ($29^{3}/_{4}$ x 19 x $14^{9}/_{16}$”)
Speaker weight	142 kg (313 lb)
Amplifier weight	71 kg (156 lb)
Order code*	1035BE-VU, 1035BE-VD, 1035BE-HL, 1035BE-HR

* See page 38 for monitor orientation



1036A

Maximum sound pressure level[1]	131 dB
Frequency response	21-20000 Hz ± 2.5 dB
Drivers	Bass 2 x 18” + Midrange 2 x 5” + 1” compression driver + DCW™
Amplifier power per channel	Bass 2 x 1100 W + Midrange 600 W + Treble 300 W
Speaker dimensions	H x W x D 960 x 1180 x 650 mm ($37^{3}/_{4}$ x $46^{1}/_{2}$ x $25^{5}/_{8}$”)
Amplifier dimensions	H x W x D 755 x 483 x 370 mm ($29^{3}/_{4}$ x 19 x $14^{9}/_{16}$”)
Speaker weight	182 kg (401 lb)
Amplifier weight	71 kg (156 lb)
Order code*	1036AE-VU, 1036AE-VD, 1036AE-HL, 1036AE-HR

Introduced in 1989, the Genelec 5” proprietary midrange driver is a key component in the neutral sound reproduction characteristic of all Genelec three-way and main monitors.

Accessories

This page shows some samples of the wide Genelec Accessories range. Versatile mounting options and carrying bags for the 8000 and 8200 Series, control units for subwoofers, magnetic shielding kits and protective grilles for large models and many more practical accessories are comprehensively listed on the web pages of the corresponding products.

The Accessories Catalogue for Two-Way Monitors can be dowloaded at www.genelec.com.

9000A Stereo Volume Control

Genelec 9000A Stereo Volume Control provides convenient volume control for all Genelec loudspeakers. The volume control input and output have 3.5 mm stereo male and female connectors providing immediate connectivity with most computers and laptops, MP3 players and game stations. The 9000A is available in three colours: Black, Silver and White.

Ceiling mount
8000-415B
For all 8000 series models.
Length 905-1505 mm.

Adjustable height table stand
8000-425B
Fixed table stand for 802C and 8030.

Floor stand
8000-409B
Floor stand for 8020-8050.
H 895-1370mm.
Corresponding 80X0-408 required.

Truss mount kit
8000-417B
For all 8000 series models.
Clamp for 50 mm tube, length 365 mm.

Wall bracket - black and white
8000-402-B and 8000-402-W
For all 8000 series models.

Stand plate for Iso-Pod
8020-408, 8030-408, 8040-408 and 8050-408

Stereo Volume Control - black, silver and white
9000AP, 9000AS and 9000AW
For all Genelec loudspeakers. D 60mm.

Soft carrying bag
8020-421, 8030-421, 8040-420, 8050-420
8050 bag is for a single loudspeaker, all others for a pair.

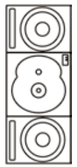
Musiikkitalo, Helsinki

Main monitor enclosure and DCW™ orientation codes

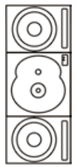
Each main monitor should be ordered with appropriate enclosure and DCW™ orientation. Each product has multiple order code extensions that specify (V) for vertical enclosure or (H) horizontal, with the DCW™ (U) up or (D) down, (L) left or (R) right. For 1038BC and 1034BC, (L) and (R) stand for ports left or ports right.

Always remember to check the required speaker-amplifier cable length. Default factory cable length is 10 m, other lengths available as an option.

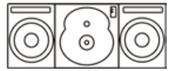
Orientation order codes for 1038BC and 1034BC



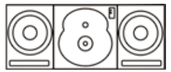
1034BCM-VL



1034BCM-VR



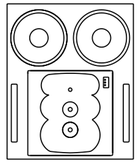
1034BCM-HU



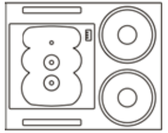
1034BCM-HD

Orientation order codes for 1034B, 1039A, 1035B and 1036A

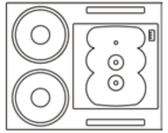
1036A-VU



1036A-VD



1036A-HL



1036A-HR

GENELEC®

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sound passion

Detailed Datasheets of all Genelec models, Quick Setup
Guides and other useful information can be downloaded at

www.genelec.com

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