

**GENELEC®**

8020A and 7050B



**The MDE™ Minimum  
Diffraction Enclosure**

**Advanced Genelec  
DCW™ Waveguide**

**New low distortion  
drivers with  
sophisticated filtering  
technique**

**Genuine Genelec quality**



**Optimized die-cast  
aluminium structure**

**High performance  
reflex port design**

**Reliable,  
low noise amplifier**

**Versatile mounting  
features**

**Iso-Pod™  
Isolation Positioner/  
Decoupler as standard**



## **Genelec 8020A - A new category of precision monitoring**

Introducing the 8020A, the newest (and smallest) model in the 8000 MDE™ series, Genelec now launches a professional playback monitor design in a totally new size category.

All forms of distortion have been minimized in this design that features the Minimum Diffraction Enclosure (MDE™) technology. The imaging accuracy and low frequency extension achieved with such an extremely compact enclosure are truly astounding. The advanced Directivity Control Waveguide™ provides an amazingly flat on and off-axis response. The long and curved reflex port featuring wide flare termination enables excellent bass articulation.

The Genelec 8020A brings to life the results of persistent research and development of genuine new technologies. Once combined with the new Genelec 7050B LSE™ subwoofer, you have in your hand a professional wide bandwidth surround sound monitoring system.



## 7050B in Stereo and Surround Sound Environments

2 x 8020A + 7050B = 8020A Stereo pak  
5 x 8020A + 7050B = 8020A Surround pak



## Full Bandwidth Stereo and Surround Sound Monitoring

The trend in small room playback monitoring is for levels to be less than “ear splitting”. Even so, the 8020A is truly surprising even without a subwoofer. However, if your productions have multi-channel requirements, large - full bandwidth audio is required, especially in cases where the LFE channel is utilized.

The new Genelec 7050B LSE™ Subwoofer is the perfect match for the 8020A for both stereo and surround sound applications. The 7050B extends the LF response down to 25 Hz with amazing bass articulation. This is possible in such a compact enclosure thanks to the patented LSE™ (Laminar Spiral Enclosure™) technology. With 5 main input channels and an LFE channel with 85/120 Hz reproduction bandwidth selection, the 8020A/7050B system fulfills the needs of 5.1 productions. You can also use the 7050B to complement a pair of Genelec 8030A monitors.

To scale the system optimally for your space and SPL requirements, please visit our website [www.genelec.com](http://www.genelec.com) for recommended system setups in different size categories. You will also get answers to many frequently asked questions, and if you have a new one, we will be glad to help!





## Compact in Broadcast

More and more broadcast productions are made in very variable environments, which have strict limitations both in terms of space and budget. Whether the program is transmitted from an OB-truck or from the main studios, the highest quality audio monitoring is necessary. The challenge to quickly generate program content in standard and multichannel formats pressures the entire broadcasting chain. Each step in that chain needs an accurate and revealing program check.

For these needs the new Genelec 8020A Two-way Active Monitor offers an optimal solution. True to its 27 years of heritage in broadcast applications Genelec brings once again the benefits of the latest electro-acoustical technologies. The 8020A is a true professional monitor, with no compromises in reliability and durability. It is the working partner you can trust in all demanding environments.

## Maximum Ease with Minimum Installation Space

Listening spaces come in all forms and sizes. When the sound needs to be distributed - whether in corporate board rooms, auditoriums, museums, institutions or restaurants - one thing remains the same: the demand for ease of installation and minimum space occupied by the installation. The perfect solution brings confidence that quality sound will always be reproduced once the installation is completed.

The new Genelec 8020A Two-way Active Monitor is your perfect partner. The die-cast aluminium enclosure has integrated support points and readily available versatile mounting options for all possible installations: wall, ceiling or floor. The optional white color is often preferred in installations where sound sources have to match light coloured surfaces: you need to provide outstanding audio experience without disturbing interior design.

## Playback Monitoring in Recording and Post-production

In the world of recording and post-production Genelec has created its fame with its unsurpassed control room main monitors and powerful near-fields. More and more productions are made in small environments which cannot house big speakers. Often pre-production work and track laying is not done in the big studio. Still, the monitoring has to reveal the actual audio content without adding to or removing anything from the original signal.

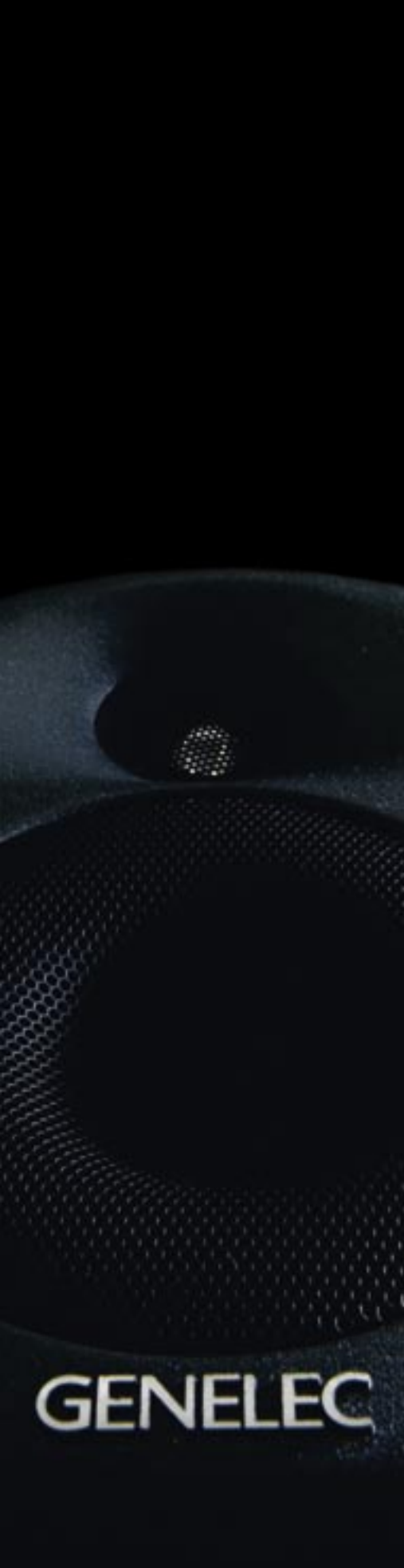
The new Genelec 8020A is amazingly revealing. The natural, uncoloured and extremely low distortion reproduction characteristics of the highly praised Genelec 8000 series are there in a truly compact size, with an LF extension you would never expect. By adding the new 7050B subwoofer you create a full bandwidth surround system with genuine Genelec quality.

## Intensive and Intimate Monitoring for the Workstation

Powerful modern audio/video workstations have brought the need for precision audio monitoring right next to the desktop or laptop. The quality of the soundscape is often as impressive as the latest visual magic on high quality screens. Once again, sound adds a totally new dimension to your production, whether it be a video production or the next hit game.

Discover the audio power and quality of your workstation with the new Genelec 8020A and reach professional audio production quality! With proper tools you can safely bring your creation to full scale environments without any doubts.





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Specifications in brief	8020A	7050B
Drivers Bass Treble All drivers are magnetically shielded	105 mm (4") 19 mm (3/4") metal dome	205 mm (8") n/a
Lower cut-off frequency, -3 dB Upper cut-off frequency, -3 dB Free field frequency response of system	≤ 65 Hz ≥ 21 kHz 66 Hz - 20 kHz (± 2.5 dB)	25 - 85 Hz (LFE 85/120 Hz) (± 3.0 dB)
Maximum peak SPL output per pair on top of console @ 1 m with music material	≥ 105 dB SPL	n/a
Maximum short term sine wave SPL output @ 1 m on axis in half space, averaged from 100 Hz to 3 kHz	≥ 95 dB SPL	n/a
Maximum short term sine wave SPL output averaged from 30 to 85 Hz measured in half space at 1 m	n/a	≥ 100 dB SPL
Self generated noise level in free field @ 1 m on axis (A-weighted)	≤ 10 dB	≤ 15 dB
Harmonic distortion at 80 dB SPL @ 1 m on axis Freq: 50...100 Hz > 100 Hz	≤ 3 % ≤ 0.5 %	n/a n/a
Harmonic distortion at 95 dB SPL @ 1 m in half space 2nd 3rd	n/a n/a	≤ 4 % ≤ 1 %
Crossover Input channels Output channels Crossover frequency Treble Tilt control Bass Roll-Off control  Bass Tilt control  LFE upper cutoff Midband rejection > 400 Hz Phase matching control in 90° steps LFE input sensitivity selectable	1 1 (post volume control) 3 kHz 0/-2 dB @ 15 kHz 0/-6 dB @ 85 Hz  0 to -6 dB @ 100 Hz in 2 dB steps n/a n/a n/a n/a	5 + LFE 5 (unfiltered) n/a n/a From 0 to -6 dB @ 26 Hz in 2 dB steps n/a  Selectable 85/120 Hz 50 dB From 0° to -270° @ 85 Hz 0 / +10 dB
Bass amplifier output power Treble amplifier output power (Long term output power is limited by driver protection circuitry)	20 W (8 Ohm load) 20 W (8 Ohm load)	70 W (4 Ohm load) n/a
Power consumption Idle Full output	5 VA 50 VA	11 VA 120 VA
Dimensions Height Width Depth Height with Iso-Pod™	226 mm (8 <sup>7</sup> / <sub>8</sub> ") 151 mm (6") 142 mm (5 <sup>5</sup> / <sub>8</sub> ") 242 mm (9 <sup>1</sup> / <sub>2</sub> ")	410 mm (16 <sup>1</sup> / <sub>8</sub> ") 350 mm (13 <sup>3</sup> / <sub>8</sub> ") 319 mm (12 <sup>5</sup> / <sub>16</sub> ") n/a
Weight	3.7 kg (8.1 lb)	18 kg (39.6 lb)

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