

OMNI SERIES

Omnidirectional and decahedral Sound Sources



OMNI 5''



OMNI 5'' 3D



OMNI 4'' LT



OMNI 4'' HP



SMART OMNI

The OMNI Series sound sources are used to radiate uniformly sound in all directions, allowing a correct insulation and reverberation time measurements both in building and architectural acoustics. Ntek offers a complete range of 5 omnidirectional sound sources compliant with standards ISO 140 and ISO 3382.

The different five sound sources of OMNI Series are designed according to the different needs of logistics, power and type of measurement: all of them represent the best compromise between weight, portability and performances.

Furthermore, the new spherical sound sources of OMNI Series printed with the innovative additive manufacturing system, is specifically designed to grant an improved sound radiation and an even closer to perfection isotropy.

The OMNI Series is powered by the lightweight and portable AMG Mini power amplifier, which includes a pink and white noise generator with an equalized output signal.

When used with the power amplifier AMG Mini, the high sound power level ensures accurate measurements also in case of high insulation partitions and large rooms.

Discover the unlimited potential of our OMNI Series and the technical details in each specific data sheet.

MODEL	CHASSIS	WEIGHT	DIAMETER	MAX Lw
OMNI 5"	Wood	12,5 Kg	350 mm	124 dB
OMNI 5" 3D	3D printing	11,0 Kg	340 mm	124 dB
SMART OMNI	3D printing	9,5 Kg	280 mm	124 dB
OMNI 4" HP	3D printing	7,5 Kg	280 mm	123 dB
OMNI 4" LT	3D printing	4,5 Kg	280 mm	119 dB



OMNI 5'' AND AMG Mini

TECHNICAL FEATURES

- Set-up 1 of the AMG Mini
- Diameter: 350 mm
- Weight: 12,5 kg
- Max sound power level: 124 dB
- Impedance: 3 + 3 Ω



OMNI 5'' 3D AND AMG Mini

TECHNICAL FEATURES

- Set-up 1 of the AMG Mini
- Diameter: 340 mm
- Weight: 11 kg
- Max sound power level: 124 dB
- Impedance: 3 + 3 Ω



SMART OMNI AND AMG Mini

TECHNICAL FEATURES

- Set-up 1 of the AMG Mini
- Diameter: 280 mm
- Weight: 9,5 kg
- Max sound power level: 124 dB
- Impedance: 3 + 3 Ω



OMNI 4'' HP AND AMG Mini

TECHNICAL FEATURES

- Set-up 3 of the AMG Mini
- Diameter: 280 mm
- Weight: 7,5 kg
- Max sound power level: 123 dB
- Impedance: 3 + 3 Ω



OMNI 4'' LT AND AMG Mini

TECHNICAL FEATURES

- Set-up 4 of the AMG Mini
- Diameter: 280 mm
- Weight: 4,5 kg
- Max sound power level: 119 dB
- Impedance: 3 + 3 Ω

COMPANY IDENTITY

Ntek is specialized in products and services for noise and vibration measurement and control, in all applicable acoustic fields.

The company has been able to improve in designing, developing and producing solutions that mix simplicity, portability and user-friendly products with excellent quality.

Ntek main goal is to supply a qualified service with a complete range of products delivered on time in order to guarantee its customers the chance to focus on their business.

To keep this promise we have strongly invested in innovation and production process with monitoring procedures certified by independent primary authority.

OUR VISION

We believe that acoustics is the basis of wellness and improvement of life quality.

It's for this reason that we develop, innovate and produce equipment inspired to this philosophy.

HOW WE WORK

Ntek can ensure a high level of service, thanks to modern processes and new laboratories, completely equipped for different operations of design, production, measurement, check and control.


INTERNAL LOGISTICS AND STOCK

With its new operative location of 500 m² and its internal stock, Ntek guarantees available products in a short time according to customers' needs. Today we can handle an order in 48 hours compared with a standard delivery of 45/60 days.

The new location is structured to be flexible with logistics activities and in answering efficiently to productive needs of our customers.

SUSTAINABILITY

Green company, environmentally friendly, aimed to a continuous improvement of quality and safety in industrial processes.



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