

OMNI 4" HP

Omnidirectional sound source



The Omni 4" HP offers a powerful signal source for room & building acoustic measurements.

Power, manageability and portability are essential requirements for acoustic technicians: OMNI 4" HP represents the best compromise between weight and power.

The new spherical sound source OMNI 4" HP printed with the innovative additive manufacturing system, is specifically designed to grant an improved sound radiation and a closer to perfection isotropy.

The OMNI 4" HP omnidirectional sound source works a cluster of 12 ferrite speakers in a round shape that radiate sound in a spherical distribution and weight 7,5 Kg.

Powerful, 123 dB , suitable for measurements in large spaces or to measure sound insulation in high demanding walls and floors. The reduced diameters of 280 mm allow it to be used also in limited space conditions.

With its spherical shape, all normative requirements on the source directivity are met.

ACCESSORIES INCLUDED

- 6 meters connecting cable
- Soft carry bag with shoulder strap

Optional

- Trolley flight case
- Tripod with soft bag

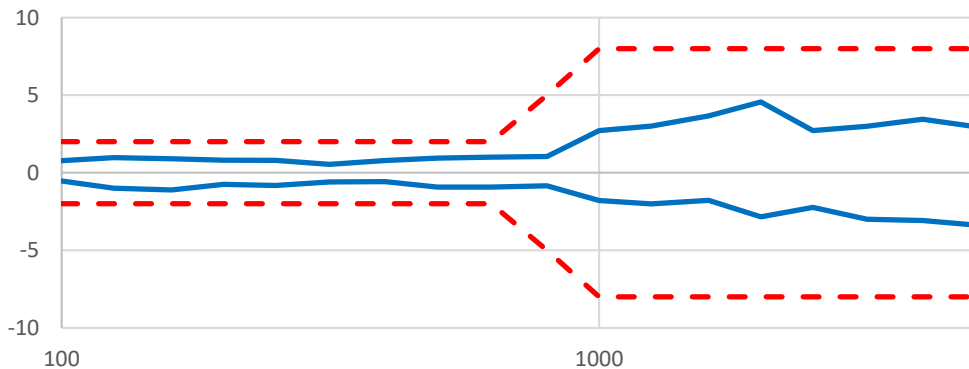
CONFORMITY LAWS

- UNI EN ISO:
- 140-4, 10140, 16283-1, 3382, 354;
- Directivity (D) according to: 140, 16283 and 3382.
- Conform to CE directives.

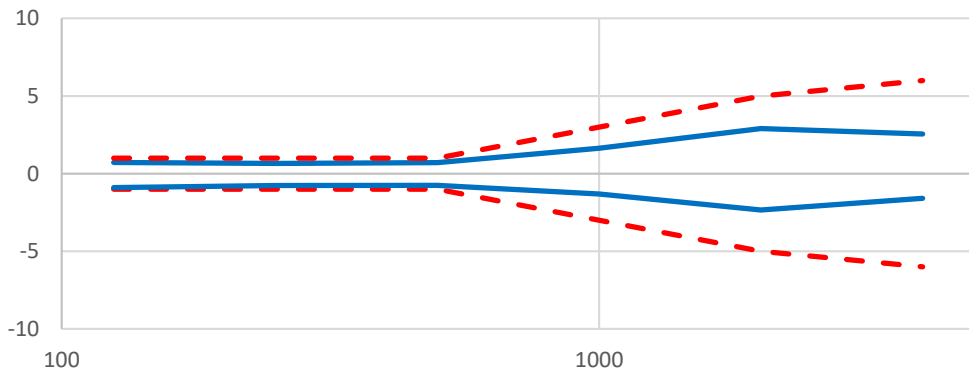
TECHNICAL FEATURES

- Diameter: 280 mm
- Weight: 7,5 kg
- Max sound power level: 123 dB
- Maximum power: 350 + 350W
- Impedance: 3 + 3Ω

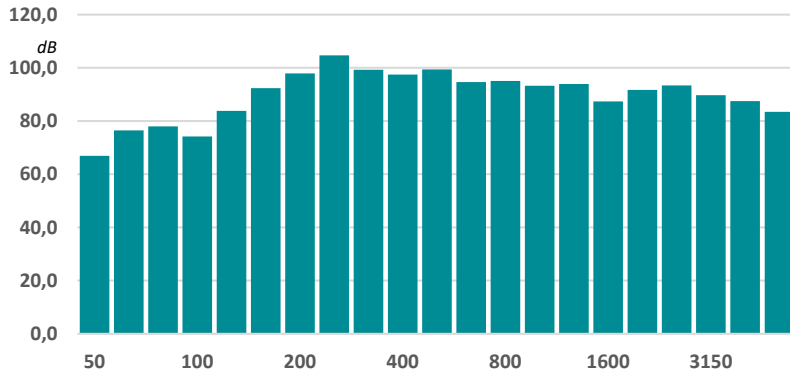
UNI EN ISO 16283-1



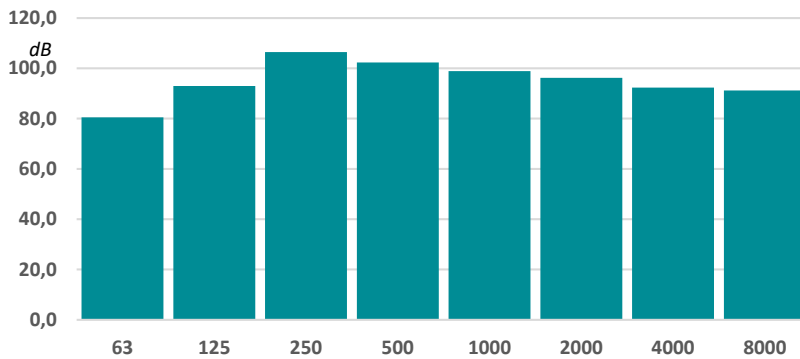
UNI EN ISO 3382



SPL – 1.5M - 1/3 OCT

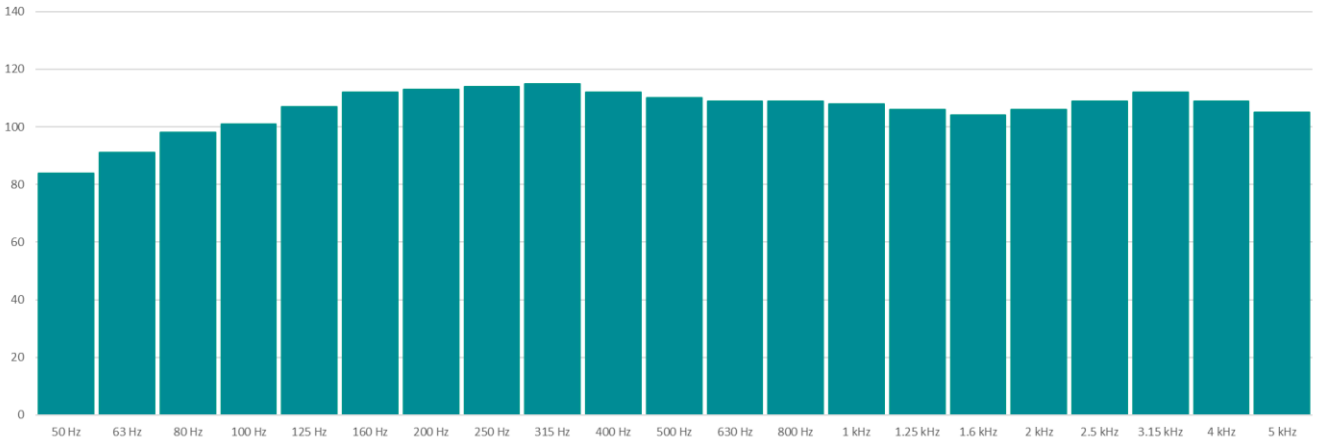


SPL – 1.5M - 1/1 OCT



Sound Power Level (Lw) vs frequency of the Omni 4” HP

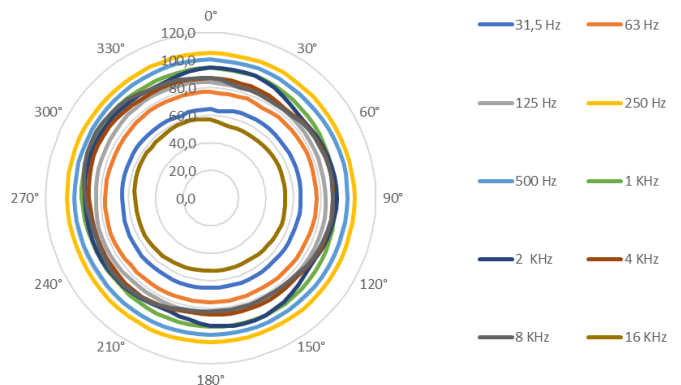
OMNI 4 HP Lw from 50Hz to 5 KHz



APPLICATION AREAS

- Architectural and Building Acoustics
- Airborne sound insulation
- Room+hall acoustics
- Laboratory Measurement
- Reverberation time
- Field Measurement
- Road-Railway
- Aerospace
- Naval

Directivity 1/1 OCT



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.

A close-up, top-down view of a large, black, dome-shaped speaker grille. The grille has a fine, perforated mesh pattern. At the top center, there is a small, rounded, metallic-looking knob or cap. The background is a solid teal color.

Ntek S.r.l.

Via Gabrielli 18

10077 San Maurizio Canavese (TO)

ITALY

www.ntek.it

info@ntek.it

+39 011 4053600

