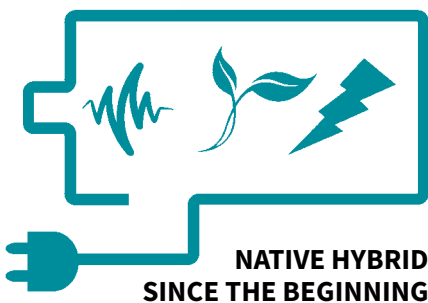


# AMGMini

Amplifier and pink and white noise generator



AMG Mini amplifier has been designed to operate at maximum power with OMNI Series and DIR Slim loudspeakers.

Since the very first version, AMG Mini can count on a Native Hybrid technology.

In a single tool are integrated two power modules with high quality in order to amplify and balance in a correct way the sound energy towards the sound sources of the OMNI Series or the Directive loudspeaker.

Thanks to its hybrid technology, the Ntek AMG Mini amplifier and noise generator is able to operate either through AC power supply or in a totally independent way due to the internal battery pack of rechargeable lithium batteries. The amplifier system can work autonomously for approximately 60 minutes at full power.

AMG Mini can switch from AC power to hybrid power and vice-versa, without any change in the power output levels. In case of unforeseen battery unload during a field analysis, AMG Mini will continue to operate due to the ability to switch from one type of power supply to the other without causing power variations.

AMG Mini is also available in the traditional version that works just with the AC power supply.

AMG Mini amplifier is equipped with a wireless system that allows to activate the connected sources.

#### STANDARD EQUIPMENT

- Wireless remote control 433 MHz
- Antenna
- Connector BNC/RCA
- AC power cable



#### CONFORMITY LAWS

UNI EN ISO:

3382, 354, 140, 16283.

Conform to CE directives.

#### TECHNICAL FEATURES

- Dimensions: 140 x 200 x 330 mm
- Weight: 5 kg – without battery pack: 3 kg
- Frequency response: 40 Hz - 10 KHz
- Batteries capacity: 1 hour at full power continuously
- Noise generator: white/pink or through BNC/RCA connector with alternative external sources for particular customer needs
- Channels number: 2 out
- Maximum power for channel 4  $\Omega$ : 350 W
- SNR (Signal to Noise Ratio): > 113 dB
- Total Harmonic Distortion THD + N: < 0.05% from 0.1 W at full power (usually < 0.01%)
- Intermodulation distortion DIM100: < 0.02% from 0.1 W at full power (usually < 0.005%)
- Power factor:  $\cos\phi > 0.85 - 4 \Omega$  at full power
- Short circuit protection

#### DSP (Digital System Processor)

- Architecture: 1702
- Equalizer: whole parametric filters per channel

#### THERMIC FEATURES

- Work range: 0° – 40° C / 32° – 104° F
- Thermic protection

#### OPTIONAL EQUIPMENT

- Semi-rigid carrying bag
- Trolley flight case
- HP remote control: 866 MHz  
Distance in free field: up to 1.000 mt

The AMG Mini can be supplied with the HP remote control (866 MHz) that can work perfectly at long distances and through different floors, stairs and among not adjacent rooms.



## 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 m<sup>2</sup> 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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