

inspiro audioHub

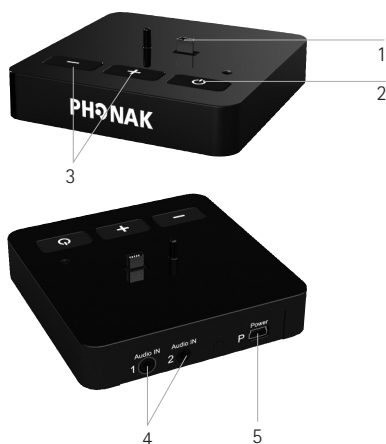
Technical Data



inspiro audioHub features

- Connect up to 2 multimedia devices
- Easy to use
- MultiTalker Network
- Highly durable

Product description



- 1 mini-USB interface
(for charging inspiro transmitter)
- 2 Switch ON/OFF
- 3 Volume +/-
- 4 Audio inputs
- 5 Power input

Relevant internet pages

Your online comprehensive FM support tool for schools
www.eSchoolDesk.com

Learn how to configure Phonak FM systems with different hearing instruments and/or cochlear implants
www.phonak.com/FM_Configurator

Your online FM knowledge base
www.FMELibrary.com

inspiro audioHub allows you to easily play one or two audio sources through a Dynamic SoundField DigiMaster loudspeaker, transmit to any Phonak FM receivers in the room, or both simultaneously.

Designed to work alongside inspiro as a secondary transmitter on Phonak's MultiTalker Network, the inspiro audioHub can connect to any multimedia device with an audio out jack such as interactive whiteboards, televisions, radios, computers and MP3 players.

Simply run a cable from your audio device into the back of the audioHub to hear its audio output clearly through your DigiMaster speaker or FM receivers. If your audio source does not have a volume control, just adjust the audioHub's volume instead.

The audioHub also has a valuable second function - as an inspiro charger. Just slot your inspiro into the hub to replenish its battery life when not in use.

- Dynamic SoundField & FM compatible
- 2 audio inputs
- Built-in inspiro charger
- Easy to use
- H-Band and N-Band compatible



inspiro audioHub

General data

Type:	Dynamic FM and Dynamic SoundField transmitter Operates only with inspiro in MTN
L x W x H:	90 x 90 x 20 mm
Weight:	87 g
Transport and Storage conditions:	Temperature should not exceed the limit values of -20°/60° Celsius and relative humidity of 65% for a long period of time

HF characteristics

Frequency range:	169 – 176 MHz (HA - band) 214 – 220 MHz (NB – band)
Frequency switching:	Integrated digital frequency synthesizer
Frequency stability:	Better than +/- 1kHz
Modulation:	FM (narrow band) Max. frequency dev $\Delta f < 6$ kHz
FM operating range:	15-30 m EMC: - 54 dBm ERP (EN 300.422)
Signal to noise ratio:	> 45 dB ($\Delta f > 4$ kHz)
Power emission:	5 mW

Audio characteristics

Audio bandwidth:	100 - 6000 Hz
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Dynamic SoundField characteristics

Transmission technology:	2.4 GHz including automatic frequency hopping
Power emission:	100 mW

Accessories and replacement parts

Audio cable with 3.5 mm stereo jack
Adapter cinch to 3.5 mm stereo jack female

Power supply

Voltage input:	100-240 V
Voltage output:	5VDC/ 1000 mA
Connector:	mini-USB
Cable length	2m

Standards

Radiocom for FM:	EN 300 422 - 1, - 2
Radiocom for 2.4 GHz:	EN 300 328
EMC:	EN 301 489 - 1, 3, 9, 17
El. Safety:	EN 60950 - 1

MultiTalker Network (MTN)

inspiro audioHub operates as a secondary transmitter in the MTN	
Digital Network:	up to max. 9 inspiro audioHub or DynaMic and one inspiro
Pairing time with inspiro:	8 sec.
Frequency:	2.4 GHz
Operating range to initiator inspiro:	20 m