

# Roger AudioHub

## Technical Data



**Roger AudioHub is a multimedia interface that allows up to two audio sources to be played through a Roger DigiMaster loudspeaker, transmitted to any Roger and FM receivers in the room, or both simultaneously.**

Designed to operate as a secondary transmitter on Phonak's MultiTalker Network, the Roger AudioHub can connect to any multimedia device with an audio out jack, including interactive whiteboards, TVs, radios, computers and MP3 players. Simply run a cable from the audio device into the back of the

Roger AudioHub to hear the device's audio output clearly through Roger DigiMaster loudspeakers, Roger receivers or traditional FM receivers. If an audio source does not have its own volume control, just adjust the Roger AudioHub's volume instead.

Roger AudioHub also has a valuable second function – as a Roger inspiro charger. Simply slot Roger inspiro into the AudioHub to replenish its battery when not in use.

## Roger AudioHub features

- Connect up to two multimedia devices (2 audio inputs)
- Operates with Roger and Dynamic FM microphones and receivers
- MultiTalker Network (MTN)
- Easy to use
- Built-in inspiro charger

## Internet

Phonak Pediatric on Facebook:  
[www.facebook.com/phonakpediatric](http://www.facebook.com/phonakpediatric)

Phonak Pediatric on Twitter:  
<https://twitter.com/PhonakPediatric>

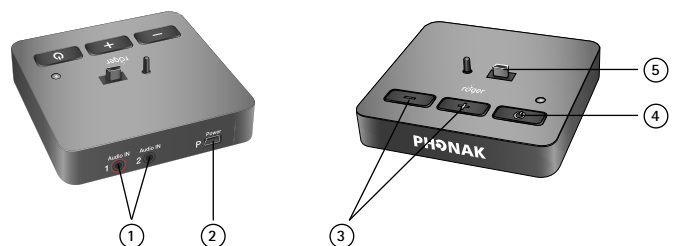
[www.phonakpro.com](http://www.phonakpro.com)

## What is Roger

Roger is the new digital standard that bridges the understanding gap, in noise and over distance, by wirelessly transmitting the speaker's voice directly to the listener.

## Description

- ① 2 audio inputs
- ② Mini-USB power input
- ③ Volume up/down
- ④ Switch on/off
- ⑤ Mini-USB for charging Roger inspiro microphone



## General data

Type:	Roger and Dynamic FM secondary transmitter Operates with Roger and Dynamic FM microphones, receivers and Roger Dynamic SoundField
Dimensions (L x W x H):	90 x 90 x 20 mm / 3.5 x 3.5 x 0.8 inches
Weight:	87 g / 0.15 lbs
Operating conditions:	Temperature should not exceed the limit values of 0° to +40° Celsius / +32° to +104° Fahrenheit and relative humidity of < 95% (non condensing)
Transport and storage conditions:	During transport or storage, the temperature should not exceed the limit values of -20° to +60° Celsius / -4° to +140° Fahrenheit and relative humidity of 90% for a long period

## Audio characteristics

Audio bandwidth:	100 Hz – 7.3 kHz
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## Power supply

Voltage input:	100 – 240 V
Voltage output:	5 VDC / 1 A
Connector:	Mini-USB
Cable length:	1.5 m / 5 feet

## Standards

El. Safety:	IEC / EN 60950-1
Radiocom 2.4 GHz	EN 300 328
EMC:	EN 301.489-1, -3, -9, -17
Radiocom FM	EN 300.422-1, -2

## Roger characteristics

Transmission technology:	2.4 GHz including adaptive automatic frequency hopping
Power emission:	100 mW
Operating range:	20 m / 66 feet

## FM characteristics

Frequency range:	169 – 176 MHz (H-Band) 214 – 220 MHz (N-Band)
Power emission:	5 mW
Operating range:	20 m / 66 feet

## MultiTalker Network

Operating range:	20 m / 66 feet
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