

Roger DigiMaster X

Technical Data



Roger DigiMaster X is a Roger Dynamic SoundField receiver that upgrades any existing room amplification system with Roger Dynamic SoundField sound performance.

Roger DigiMaster X simply connects to the existing amplifier's analog audio input. It can also be used for recording speech onto a computer.

Roger DigiMaster X features

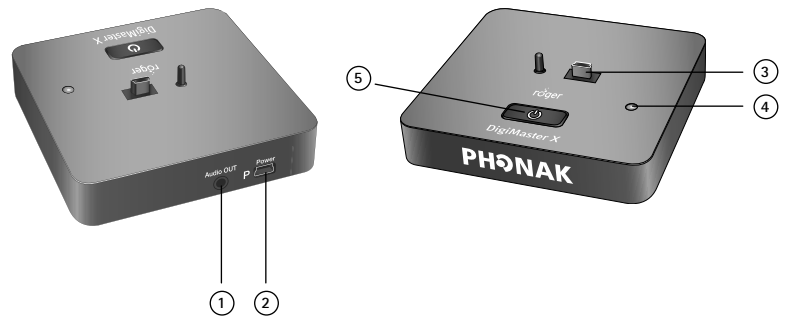
- Roger Dynamic SoundField receiver with audio output
- Automated dynamic behavior for optimal signal-to-noise ratios (SNRs)
- Adaptive automatic frequency hopping for interference-free sound
- Operates with Roger microphones
- Easy to connect and use
- Built-in inspiro charger

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 Audio output
- ② Mini-USB power input
- ③ Mini-USB for charging Roger inspiro microphone
- ④ Indicator light (LED)
- ⑤ Switch on / off



General data

Type:	Roger Dynamic SoundField receiver Operates with Roger microphones
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

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

Roger characteristics

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

DigiMaster characteristics

Number of DigiMaster X per Roger microphone:	5 units (connected to an amplification system with loudspeaker or to recording devices)
Number of DigiMaster X per building:	Unlimited
Number of DigiMaster loudspeakers per DigiMaster X:	1x DigiMaster 5000 or 2x DigiMaster 7000

Audio output

Audio bandwidth for speech:	200 – 7.5 kHz
Connector:	3.5 mm stereo jack

