



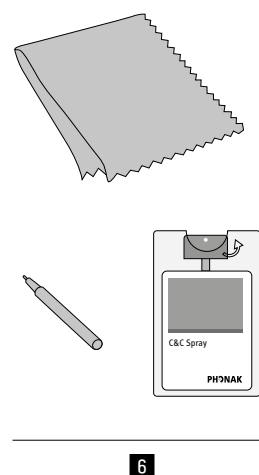
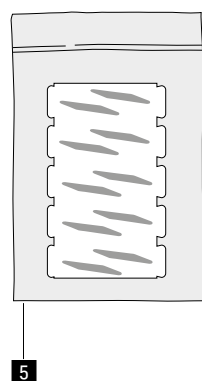
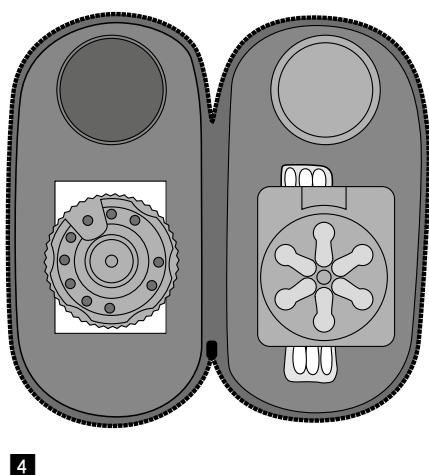
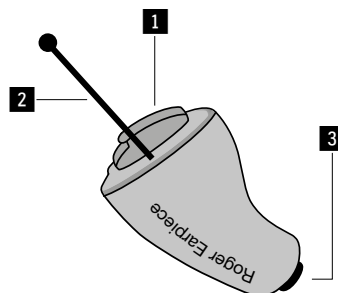
Technical Data

Roger™ Earpiece

The state-of-the-art Roger Earpiece is a wireless receiver, which is positioned in the ear canal. Although it's not visible from the outside, it delivers unmatched sound quality and intelligibility, when every syllable of information transferred is key.

Description

- 1 Battery compartment
- 2 Removal handle
- 3 Wax guard
- 4 Transport pouch with expendable items
- 5 Soft Wraps
- 6 Cleaning tools



Features

Usability

- Micro size Earpiece: 18 mm length
- Ear specific form factor
- Light weight: 1.3 g (incl. battery)
- Max output level: 100 dB(A) SPL
- Unlimited number of Earpieces can be connected in one network
- Battery Life: > 20 h (size 10 battery)
- Easy handling and cleaning
- License free 2.4 GHz transmission
- Bandwidth: 100–7200 Hz
- Out-of-range beep

General information

Length:	18 mm (0.4")
Weight:	1.3 g (0.04 oz) incl. battery
Color:	Beige/brown
Operating conditions:	0° to + 45° Celsius (+32° to +113° Fahrenheit) and relative humidity of <95% (non condensing)
Transport and storage conditions:	-20° to +60° Celsius (-4° to +140° Fahrenheit) and relative humidity of 90% for a long period

Power and battery information

Power supply:	Mercury free 10 Zinc Air
Current drain:	2.0 mA (Streaming) 1.5 mA (Sleep mode)
Operating time:	>20 h in full streaming

Audio information

Audio bandwidth:	100 Hz - 7200 Hz
Max. sound pressure level (automatically limited):	100 dB(A) SPL
SNR:	55 dB (@ 1 kHz)
THD:	-42 dB (< 0.8 % @ 1 kHz)

Roger information

Roger	The Roger proprietary technology uses the latest digital standard and operates on the license-free ISM band.
Transmission technology:	2.4 GHz adaptive frequency hopping

Transmission information

Antenna:	Built-in antenna
Back-link power:	< 1 mW (0 dBm)

Standards applied

Electrical safety:	EN 62368-1, EN 62479
Radiocom 2.4 GHz:	EN 300 328
EMC:	EN 301.489-1,-17
FCC:	Part 15C
IC:	RSS-210
Output max SPL :	100 dB(A) SPL according to EU standard EN 50332 Part 1&2 Fulfil EU directive 2003/10/EC

Compatibility with Roger devices

Compatible Roger transmitters:	Roger BaseStation, Roger On, Roger Repeater
Number of Roger receivers in use in a Roger network:	Unlimited