Phonak
Roger™ 14
(03)

roger

Roger 14 is a design-integrated Roger receiver that is compatible with Cochlear Nucleus 5 and Nucleus 6 sound processors.

Technical Data

Type	Design-integrated Roger CI receiver Operates with Roger Select, Roger Table Mic II, Roger Pen, Roger EasyPen, Roger Clip-On Mic
Dimensions (L x W x H)	17.2 x 8.3 x 12.2 mm (0.677 x 0.327 x 0.48")
Weight	0.95 g (0.034 oz)
Operating conditions	The product has been designed for trouble-free operation without restrictions when used as intended, unless otherwise stated in the user guide. 0° to +60° Celsius (+32° to +140° Fahrenheit) Relative humidity of <95% (non-condensing)
Transport and storage conditions	–20° to +60° Celsius (–4° to +140° Fahrenheit) Relative humidity of <70% for a long period of time

Features
- Adaptive gain
- Effective stand-by mode

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

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Roger characteristics

Frequency	2.4 GHz ISM band
Transmission delay	<20 ms
Antenna	Built-in antenna
Backlink RF power	0.02 mW

Audio characteristics

Audio bandwidth	100 Hz – 7.2 kHz
Distortion	< 2% for fmod = 1 kHz
Audio signal output	−38 dBV (transmitter in compression, fmod = 1 kHz, surrounding noise level < 58 dB SPL) @ EasyGain = 0dB
Adaptive audio gain	Up to 20 dB
EasyGain range	−8 dB to +8 dB

Power management

Power supply	Supplied by the CI sound processor battery
Voltage range	1.0 to 1.5 V
Current drain	Active mode 2.8 mA for V_{BAT} = 1.2 V Sleep mode 0.5 mA for V_{BAT} = 1.2 V

Standards

Radiocom	EN 300 440 FCC part 15.249
EMC	EN 60601-1-2, EN 301 489 FCC part 15b

Compatibility

CI sound processors	Cochlear Nucleus 5 (CP810), Build C or higher Cochlear Nucleus 6 (CP910)

Housing colors

Black (L9)

Charcoal (M2)

Smoke (T2)

White (L8)

Brown (L0)

Mocha (T1)

Beige (M1)

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