



Roger Pen

Technical Data



This universal, cutting-edge wireless microphone helps people with a hearing loss to understand more speech in noise and over distance.

Designed with discretion in mind, the Roger Pen features adaptive wireless transmission, fully automated settings, wideband audio Bluetooth for mobile phone use, TV connectivity and an audio input for listening to multimedia. It can also be used alongside other Roger Clip-On Mics and Roger Pens in a microphone network.

Roger Pen features

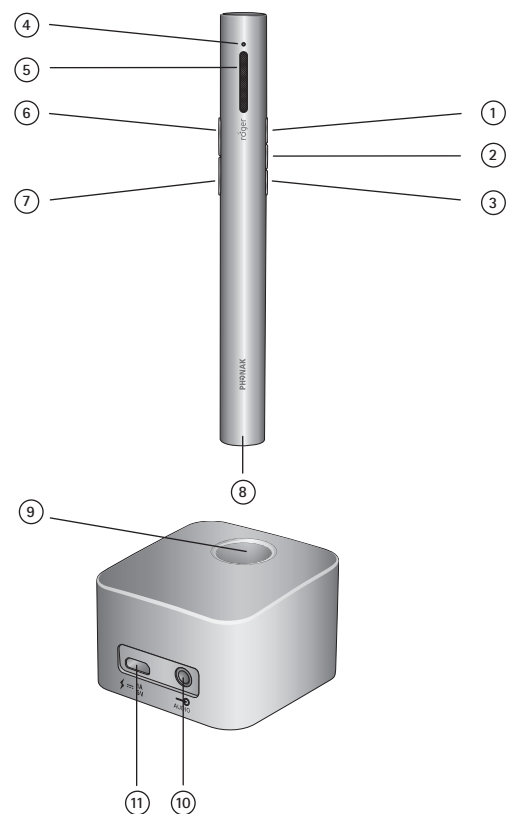
- Proven Roger speech-in-noise performance
- Fully automatic microphone mode selection
- Manual microphone mode option
- Advanced microphone beamforming
- 'Zoom into' soft voices in quiet and over distance
- Audio input for connection to multimedia devices
- Bluetooth for mobile phone connection
- Multiple microphone use in a network

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 On/off/mute
- ② Connect
- ③ Microphone mode change
- ④ Indicator light (LED)
- ⑤ Microphone
- ⑥ Accept call
- ⑦ Decline call
- ⑧ Charging and audio input (micro-USB)
- ⑨ Slot for Roger Pen
- ⑩ Audio input (3.5 mm / 1/8 inch jack)
- ⑪ Charging input (micro-USB)



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| Type: | Roger microphone |
| Dimensions (L x Ø): | 142 x 15 mm / 5.6 x 0.6 inches |
| Weight: | 28 g / 0.05 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 |
| Battery: | Type: Lithium Polymer Capacity: 360 mAh Voltage: 3.7V |
| Operating time: | 7 hours |
| Operating time with active Bluetooth call: | 5 hours |
| Power supply: | Voltage input: 100-240V Voltage output: 5 VDC / 1A Connector: micro-USB Cable length: 1.3 m / 4.2 feet |

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| Microphone: | Array microphone |
| Microphone modes: | Automatic, Interview, Conference, Handheld |

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| Transmission technology: | 2.4 GHz including adaptive automatic frequency hopping |
| Power emission: | 25 mW |

Roger system data (Connect)

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| Frequency (Roger microphone to Roger receiver): | 2.4 GHz |
| Compatible Roger receivers: | All personal Roger receivers |
| Number of Roger receivers: | Unlimited |
| Compatible Roger microphones: | Roger Pen and Roger Clip-On Mic |

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| Audio bandwidth: | 100 Hz – 7.3 kHz |
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Bluetooth for phone calls

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| Bluetooth range: | 3 m / 10 feet (Class 2) |
| Bluetooth profiles supported: | Headset Profile (HSP) Handsfree profile (HFP) |
| Bluetooth compliance: | Bluetooth version 4.0 |
| QDID: | B021307 |
| Max. paired phones: | 8 |
| Maximum of simultaneously connected phones: | 2 |



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| EI. Safety: | IEC/EN 60950-1 |
| Radiocom 2.4 GHz: | EN 300 328 |
| EMC: | EN 301.489-1,-3,-9,-17 |

Accessories

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| Docking station: | Charging input (micro-USB) and audio input (3.5 mm / 1/8 inch jack) |
| Lanyard length: | Length: 56 cm / 22 inches |