The Roger Pen offers state-of-the-art wireless technology with superior speech-in-noise and over distance performance.

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 cell 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 / ⅛ inch jack)
11. Charging input (micro-USB)
### General data

| 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: 3.7 V

### Operating time

- 8 hours
- 5 hours

### Power supply

- Voltage input: 100-240 V
- Voltage output: 5 VDC / 1A
- Connector: micro-USB
- Cable length: 1.3 m / 4.2 feet

### Roger characteristics

| Transmission technology: | 2.4 GHz including adaptive automatic frequency hopping |
| Power emission: | 32 mW |
| Operating range: | 10 meters / 33 feet (typical) 20 meters / 66 feet (ideal conditions) |

### Roger system data (Connect)

| Frequency (Roger microphone to Roger receiver): | 2.4 GHz |
| Connect operating range: | 10 cm / 3.9 inches |

### Roger network

- Compatible Roger receivers: All personal Roger receivers
- Number of Roger receivers: Unlimited
- Compatible Roger microphones: Roger EasyPen and Roger Clip-On Mic
- Number of Roger microphones: Up to 10

### Microphone characteristics

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

### Audio characteristics

- Audio bandwidth: 100 Hz – 7.3 kHz

### Standards

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

### Bluetooth for phone calls

- 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

### Accessories

- Docking station: Charging input (micro-USB) and audio input (3.5 mm / ¼ inch jack)
- Lanyard length: 56 cm / 22 inches

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