



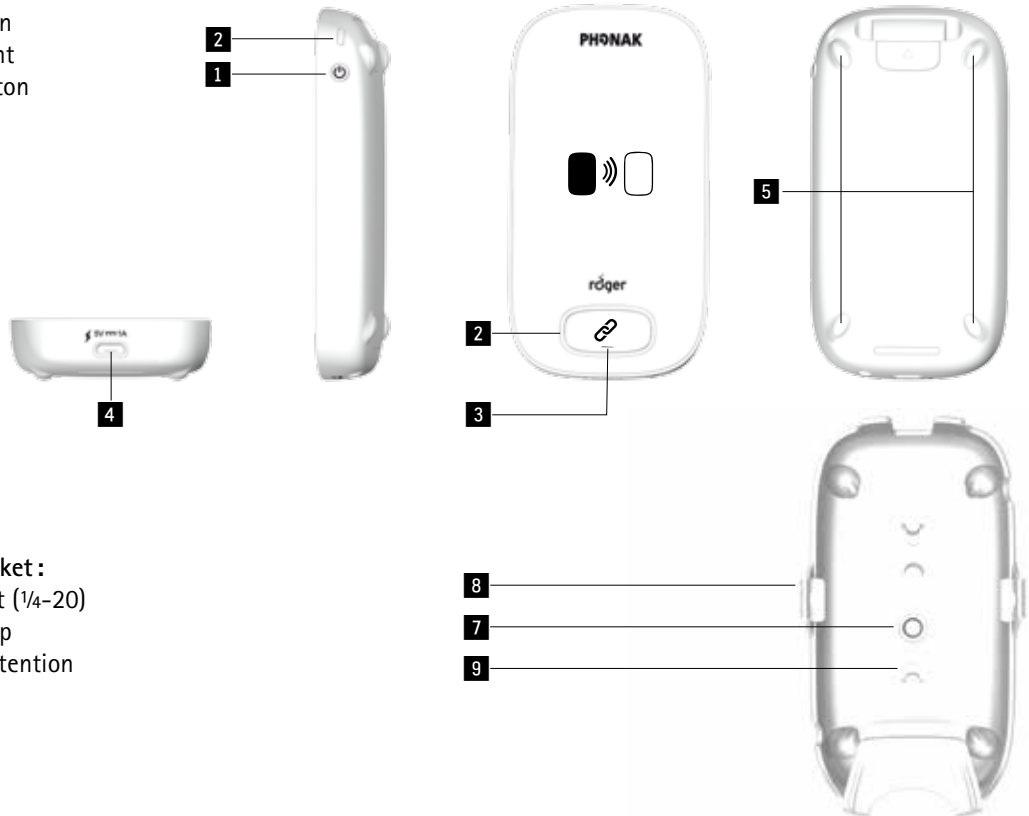
## Technical Data

# Roger™ Repeater

The Roger Repeater expands the range of Phonak's Roger Earpiece. The Roger communication system, renowned for being virtually invisible and delivering unrivalled sound quality with plug-and-play setup, now also offers an unlimited range thanks to the Roger Repeater.

## Description

- 1 On/Off button
- 2 Indicator light
- 3 Connect button
- 4 Micro-USB
- 5 Feet



### Mounting bracket :

- 7 Tripod mount (1/4-20)
- 8 Retention clip
- 9 USB cable retention

## Features

### Usability

- Unlimited range extension
- Integrated rechargeable battery
- Operates standalone or permanently powered
- Indicator lights
- Fixing bracket and power supply included (EU or US)

### MultiTalker Network

- Compatible with Roger BaseStation and Roger Touchscreen Mic

### Connectivity

- Connect button
- Micro-USB socket

### Fixing bracket

- Easy wall mounting
- 1/4-20 tripod mount
- Easy snap-in/out
- Power supply cable retention



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## General information

Dimensions (L x W x H)	104 x 55 x 16 mm (4.1" x 2.1" x 0.6")
Weight	120 g (0.3 lbs)
Color	Champagne
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

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## Power and battery information

Battery	Lithium polymer 3.7 V DC
Charging time	Approx. 2 hours Charging time depends on battery state
Capacity	1200 mAh
Operating time	Approx. 10 hours
Charging input	Input: 100 - 240 V
Output	5 VDC/1A
Connector	Micro-USB
Cable length	1.3 m (4.2 feet) (charging or connection to computer for upgrade, service)

It is not possible to over-charge the battery. It may become warm during charging.

Important notice: It is recommended to only use the original Phonak charging unit.

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## Audio information

Audio bandwidth	100 Hz - 7200 Hz
Latency introduced per repeater	2ms

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## Roger information

Roger	The Roger communication system is ideal for people working in broadcasting and show business, who rely on seamless communication with directors, producers, and sound technicians. The system is utterly discreet, easy to use and install, and offers unrivalled intelligibility
Transmission	2.4 GHz adaptive frequency hopping technology
Power emission	100 mW
Operating range to Roger Earpiece	15-40m (49-131ft) depending on environment
Operating range to Roger Transmitters or Repeaters	50-70m (164-230ft) depending on environment
Operating range for Connect feature	10 cm (4")

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## Compatibility with Roger devices

Compatible Roger receivers	Roger Earpiece, Roger MyLink
Number of Roger receivers in use in a Roger network	Unlimited
Compatible Roger transmitters	Roger BaseStation, Roger Touchscreen Mic
Number of Roger transmitters in use in a Roger network	Up to 35 Roger Touchscreen Mics and 1 Roger BaseStation per network
	Secondary transmitters have to be in range of primary transmitter to be repeated.

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## Optional accessories

Power supply adapter	UK, AUS
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## Standards applied

Electrical safety	IEC/ EN 60950-1
Radiocom 2.4 GHz	EN 300 328
EMC	EN 301.489-1,-3,-9,-17
SAR (2.4 GHz)	EN 62209-2 SAR 1g = 0.10 W/kg SAR 10g = 0.05 W/kg

