



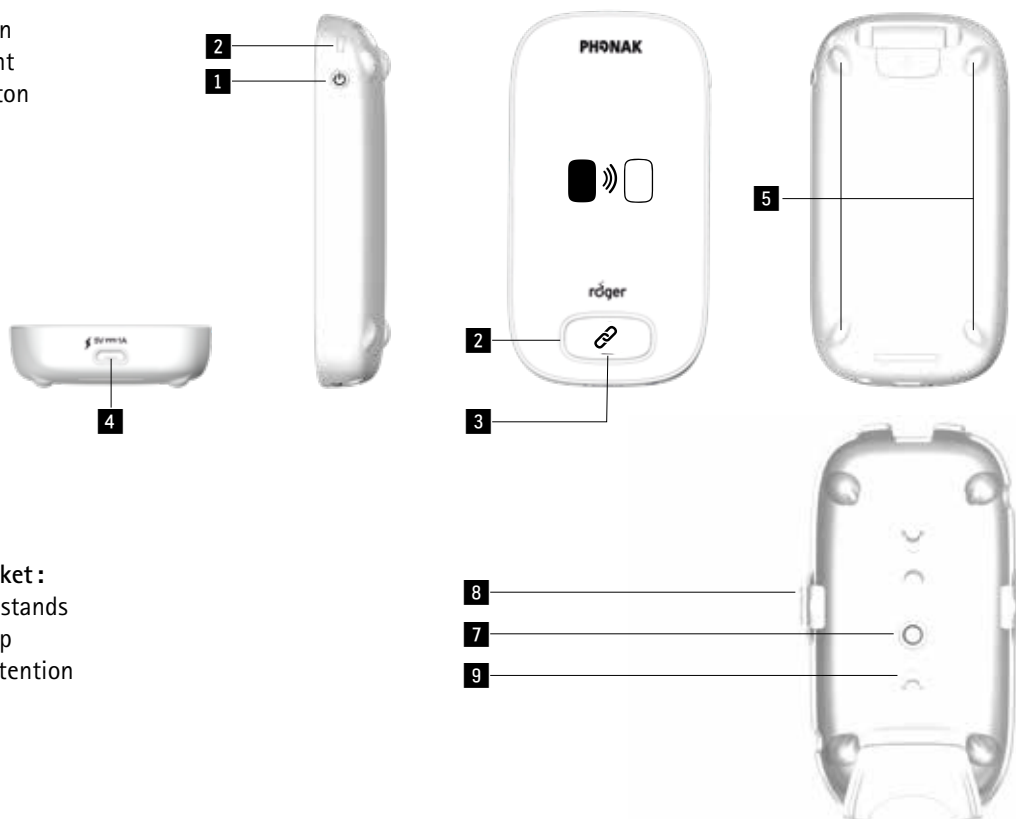
Technical Data

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 3/8"-16 Mic stands
- 8 Retention clip
- 9 USB cable retention

Features

Usability

- Unlimited range extension
- Integrated rechargeable battery
- Operates standalone or permanently powered
- On/Off and Charging indicator light
- Connect and Broadcast range indicator light
- Mounting bracket and power supply included (EU or US)

Connectivity

- Connect button
- Micro-USB socket

Mounting bracket

- Easy wall mounting
- 3/8"-16 Mic stands
- Easy snap-in/out
- Power supply cable retention

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

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.	

Audio information

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

Roger information

Roger	The Roger proprietary technology uses the latest digital standard and operates on the license-free ISM band.
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")

Compatibility with Roger devices

Compatible Roger receivers	Roger Earpiece
Number of Roger receivers in use in a Roger network	Unlimited
Compatible Roger transmitters	Roger BaseStation

Optional accessories

Power supply adapter	UK, AUS
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Standards applied

Electrical safety	EN 62368-1; EN 62209-2
Radiocom 2.4 GHz	EN 300 328
EMC	EN 301 489-1, -17



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