



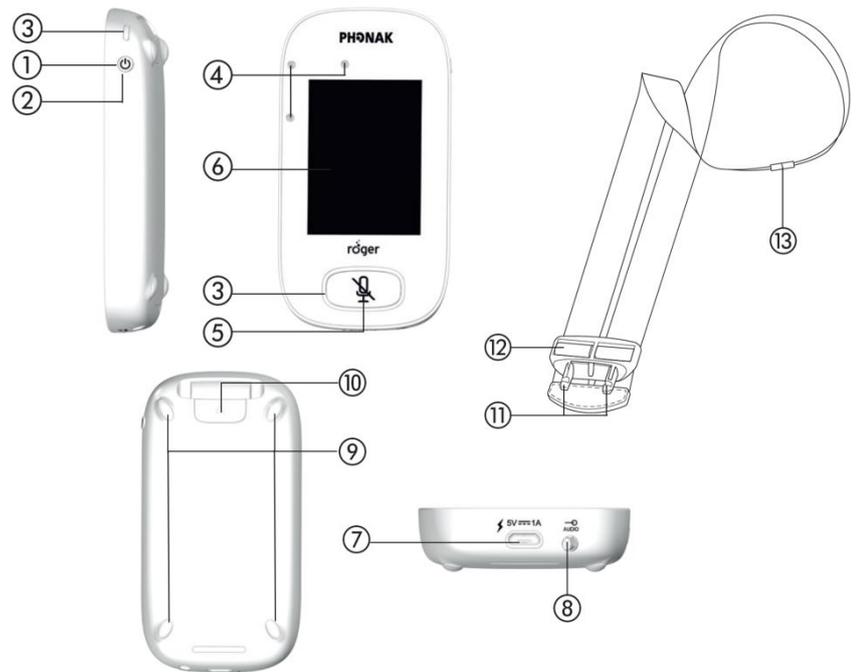
## Technical Data

# Roger™ Touchscreen Mic

The handy Roger Touchscreen Mic combines the functionality of a mobile transmitter with a built-in microphone. Phonak's digital transmitting standard at 2,4GHz with fully automatic frequency hopping technology, ensure the seamless transmission of information to the in-ear receiver in the most challenging situations.

## Description

- 1 On/Off
- 2 Wake/sleep
- 3 Indicator light
- 4 Microphones
- 5 Mute
- 6 Touchscreen
- 7 Micro-USB
- 8 Jack 3.5mm/ 1/8"
- 9 Feet
- 10 Lanyard: clip/remove button
- 11 Lanyard clip
- 12 Length adjustment
- 13 Safety breakaway



## Features

### Usability

- Touchscreen
- Intuitive icons for quick access to Roger function
- Easy swipe technology to scroll through menu
- Indicator lights
- Obvious On/Off and Mute

### MultiTalker Network

- Compatible with Roger BaseStation, other Roger Touchscreen, Roger Repeater and Roger Multimedia Hub

### 3 microphones

- Automatic microphone modes (Automatic, Small Group, Pointing, Lanyard)
- System of three intelligent embedded microphones for small group activities.



## 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 Remaining operating time is displayed in the status bar
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)
	The battery cannot be over-charged. It may become warm during charging.
	Important notice: It is recommended to only use the original Phonak charging unit.

## Microphones information

Number of microphones:	3 embedded microphones
Type:	3-array microphone
Mode:	Automatic, Small Group, Pointing, Lanyard
Accelerometer:	Detects and monitors the microphone position, allowing to automatically activate the appropriate microphone mode

## Usage information

Touchscreen:	6.1 cm (2.4") color touchscreen. User interface to activate/deactivate functions
Wearing option:	Lanyard worn around neck
Lanyard :	- Clip to easily clip or remove the device from the lanyard - Clip to adjust length and place the device 20cm (8 inches) away from the talker mouth - Safety breakaway

## Audio information

Audio input and output:	Wired (3.5mm jack)
Audio bandwidth:	100 Hz - 7.3 kHz

## Roger information

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.
Transmission technology:	2.4 GHz including adaptive automatic frequency hopping
Power emission:	100 mW
Transmission range (clear line of sight, free field):	Up to 120 meters / 393 feet (to hearing device with RogerDirect™) Up to 25 meters / 80 feet (to Roger receiver)
Operating range for Connect feature:	10 cm (4")

## General information

Dimensions (L x W x H)	104 x 55 x 16 mm (4.1" x 2.1" x 0.6")
Weight:	94 g (0.2 lbs)
Color:	Champagne / Black
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

## Compatibility to Roger devices

Compatible Roger receivers:	Roger receivers
Number of Roger receivers in use in a Roger network:	Unlimited
Compatible Roger transmitters:	Roger BaseStation, Roger Repeater,
Number of Roger microphones in use in a Roger network:	Up to 35
Compatible Roger hub:	Roger Multimedia Hub
Number of Roger hub in use in a Roger network:	1x Roger Multimedia Hub

## Accessories

Charging rack (L x W x H):	188 x 75 x 28 mm (7.4" x 2.9" x 1.1") 4-slots design to charge up to 4 devices together. It accommodates Roger Touchscreen Mic, Roger Pass-around, Roger Multimedia Hub.
Carry-on case:	Designed for Roger Touchscreen Mic
Boom microphone:	Head worn boom microphone for Roger Touchscreen Mic.
Belt clip:	Belt clip for Roger Touchscreen Mic.
Power supply adapter:	UK, AUS

## 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