

The Roger Pass-around is designed to enhance classroom discussions so that not only teachers, but all students are heard clearly. Thanks to the MultiTalker Network, the voice of other students and teachers will always clearly be heard during interactive classroom activities.

#### Description

- 1 On/Off
- 2 Microphones
- 3 Indicator light
- 4 Mute or PTT
- 5 Volume +/-
- 6 Micro-USB
- 7 Anti-rolling
- 8 Table stand





### Features

#### Usability

- Indicator lights
- Obvious On/Off and Mute

#### MultiTalker Network

- Students pass-around microphones
- Voice Activity Detection mode (VAD)
- Push-To-Talk function (PTT)

### **General information**

| Dimensions (L x Ø):               | 161 x 34 mm ( 6.3" x 1.3")   |
|-----------------------------------|--|
| Weight:                           | 84 g (0.2 lbs)   |
| Color:                            | Champagne  |
| Operating conditions:             | $0^{\circ}$ to + 45° Celsius (+32° to +113° Fahrenheit) and relative humidity of <95% (non condensing) |
| Transport and storage conditions: | $-20^{\circ}$ to +60° Celsius (-4° to +140° Fahrenheit) and relative humidity of 90% for a long period |



#### 2 inbuilt microphones

• Automatic microphone mode (hand-held, table stand)

# 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)                                       |
|                  | 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<br>microphones: | 2 microphones   |
|---------------------------|---|
| Туре:                     | Microphone array  |
| Mode:                     | <ul> <li>Automatic Voice Activity Detection (VAD) for<br/>automatic pick-up of the voice</li> <li>Push-to-Talk (PTT) when using manually<br/>press on microphone button to pick-up the<br/>voice</li> <li>Modes are selected in the Primary microphone</li> </ul> |
|                           | of network (Roger Touchscreen Mic)  |
| Accelerometer:            | Detects and monitors the microphone position,<br>allowing to automatically activate automatic<br>mute when the microphone is lying on the<br>table or automatically increase microphone<br>sensitivity when the microphone in in the table<br>stand               |

# Usage information

| Usage option: | Hand-held or table stand                                     |
|---------------|--|
| Table stand:  | Free-standing mount for the microphone to be used on a table |

### Audio information

Audio bandwidth:

100 Hz - 7.3 kHz

# **Roger information**

| Roger:  | Roger is the new digital standard that bridges<br>the understanding gap, in noise and over<br>distance, by wirelessly transmitting the<br>speaker's voice directly to the listener. |
|---|---|
| Transmission<br>technology:   | 2.4 GHz including adaptive automatic frequency hopping  |
| Power emission:   | 100 mW  |
| Transmission range<br>(Primary clear line of<br>sight, free field): | Up to 120 meters / 393 feet (to hearing device<br>with RogerDirect™)<br>Up to 25 meters / 80 feet (to Roger receiver)   |
| Operating range for<br>Connect feature:                             | 10 cm (4")  |

## Compatibility to Roger devices

| Compatible Roger<br>receivers:                               | (02) Roger receivers  |
|--|---|
| Number of Roger<br>receivers in use in a<br>Roger network:   | Unlimited   |
| Compatible Roger<br>microphones:                             | Roger Touchscreen Mic, Roger Pass-around,<br>Roger inspiro*, Roger DynaMic*<br>* some new features for Roger Touchscreen Mic might not be<br>ownichte an entrieur Branz microchaers |
| Number of Roger<br>microphones in use in a<br>Roger network: | available on previous Roger microphones<br>Up to 35   |
| Compatible Roger<br>SoundField:                              | Roger DigiMaster 5000, Roger DigiMaster 7000 ,<br>Roger DigiMaster X<br>(software version 4.x or higher)  |
| Number of Roger<br>SoundField in use in a<br>network:        | 1x Roger DigiMaster 5000<br>2x Roger DigiMaster 7000<br>5x Roger DigiMaster X   |
| Compatible Roger<br>WallPilot:                               | Roger WallPilot   |
| Accessories  |   |
| Charging rack (L x W x<br>H: ) :                             | 188 x 75 x 28 mm (7.4" x 2.9" x 1.1")<br>4-slot design to charge up to 4 devices together.<br>It accommodates Roger Touchscreen Mic, Roger  |

## Standards applied

Power supply adapter :

| IEC/ EN 60950-1                           |
|---|
| EN 300 328                                |
| EN 301.489-1,-3,-9,-17                    |
| EN 62209-2<br>SAR 1g = 0.10 W/kg          |
| SAR Ig = 0.10 W/kg<br>SAR 10a = 0.05 W/ka |
|   |

UK, AUS

Pass-around, Roger Multimedia Hub.





