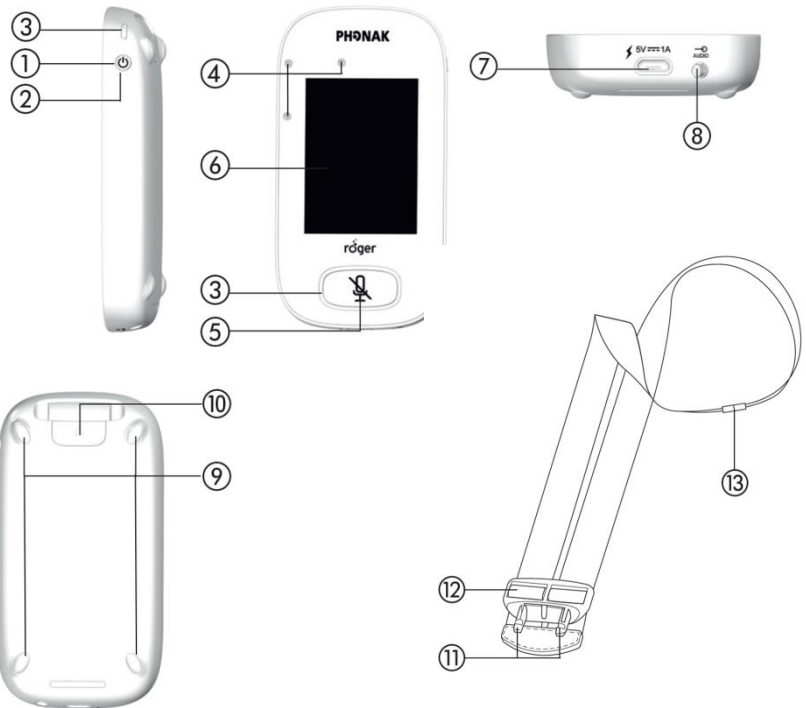# Roger™ SF Touchscreen Mic

The intuitive interface makes Roger SF Touchscreen Mic simple to use in the classroom. Roger SF Touchscreen Mic is a wireless microphone designed solely for use with a Roger SoundField loudspeaker. A Roger SoundField system consists of one or more Roger DigiMaster loudspeakers and one or more Roger microphones.

## 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 removal 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 status indication

### Loudspeaker
- Operates with Roger DigiMaster loudspeakers
- Operates with Roger DigiMaster X devices

### MultiTalker Network
- Co-teacher microphones
- Students pass-around microphones
- Roger Multimedia Hub

## General information

| | |
|---|---|
| Dimension (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: | 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 SoundField: | Roger DigiMaster 5000, Roger DigiMaster 7000 , Roger DigiMaster X<br>(software version 4.x or higher) |
| Number of Roger SoundField in use in a network: | 1x Roger DigiMaster 5000<br>2x Roger DigiMaster 7000<br>5x Roger DigiMaster X |
| Compatible Roger microphones: | Roger SF Touchscreen Mic, Roger Pass-around, Roger inspiro SoundField*<br>* some new features for Roger SF Touchscreen Mic might not be available on previous Roger microphones |
| Number of Roger microphones in use in a Roger network: | Up to 35 |
| Compatible Roger hub: | Roger Multimedia Hub<br>Roger inspiro audioHub*<br>* some new features for Roger SF Touchscreen Mic might not be available with previous Roger Hub |

## Microphones information

| | |
|---|---|
| Number of microphones: | 3 embedded microphones |
| Type: | 3-array microphone |
| Mode: | Lanyard |

## Usage information

| | |
|---|---|
| Touchscreen: | 6.1 cm  (2.4'') color touchscreen.<br>User interface to activate/deactivate functions |
| Wearing option: | Lanyard worn around neck |
| Lanyard : | - Clip to easily clip or remove the device from the lanyard<br>- Clip to adjust length and place the device  20cm (8'') away from the talker mouth<br>- 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 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 frequency hopping |
| Power emission: | 100 mW |
| Operating range to Roger receiver: | 20 m (66 ft) |
| Operating range for Connect feature: | 10 cm (4") |

## Battery information

| | |
|---|---|
| Battery: | Lithium polymer 3.7 V DC |
| Charging time: | Approx. 2 hours<br>Charging time depends on battery state |
| Capacity: | 1200 mAh |
| Operating time: | Approx. 10 hours<br>Remaining operating time is displayed in the status bar |
| Charging input: | Input: 100 - 240 V<br>Output: 5 VDC/1A<br>Connector: Micro-USB<br>Cable length: 1.3 m (4.2 feet) (charging or connection to computer for upgrade, service)<br><br>The battery cannot be over-charged. It may become warm during charging<br><br>Important notice: It is recommended to only use the original Phonak charging unit |

## Accessories

| | |
|---|---|
| Charging rack (L x W x H: ): | 188 x 75 x 28 mm  (7.4" x 2.9" x 1.1")<br>4-slots design to charge up to 4 devices together. It accommodates Roger SF Touchscreen Mic, Roger Pass-around, Roger Multimedia Hub, Roger Repeater |
| Boom microphone: | Head worn boom microphone for Roger SF Touchscreen Mic |
| Carry-on case : | Designed for Roger SF Touchscreen Mic |
| Belt clip: | Belt clip for Roger SF 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 50566<br>SAR 10g =  0.399 W/kg |

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