The Roger BaseStation stationary transmitter, delivers high quality speech signals to the wireless Roger Earpiece. Using Phonak's new digital standard at 2.4 GHz and fully automatic frequency hopping technology ensures that the signal is transferred to the in-ear receiver in unrivalled sound quality.

Description

1 On/Off button  
2 Connect button  
3 Connect LED  
4 Audio input graphical display  
5 Volume control  
6 Antenna  
7 XLR & 6.3 (1/4") socket  
8 3.5 socket  
9 Power supply socket  
10 USB-B (only for service)  
11 NewNet button  
12 NewNet LED  
13 Security lock  
14 Rack and wall mount included

Features

Usability
- License free 2.4 GHz transmission  
- Adaptive automatic frequency hopping  
- Balanced audio in (XLR or 6.3)  
- Audio input graphical display  
- Volume control: –14 to +12 dB  
- Bandwidth: 100–7200 Hz  
- Transmission range: 15–40 m (49–131 ft) depending on environment  
- Rack and wall mount included

MultiTalker Network
- Compatible with several Roger Touchscreen Mic

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**Roger™ BaseStation**

**Housing Dimensions**
132 x 132 x 44 mm (5.1” x 5.1” x 1.6”)

**Weight:** 488 g (1.1 lbs)

**Color:** Black

**Operating conditions:**
- 0° to + 45° Celsius (+32° to +113° Fahrenheit) and relative humidity of <95% (non condensing)
- -20° to +60° Celsius (-4° to +140° Fahrenheit) and relative humidity of 90% for a long period

**Transport and storage conditions:**
- 0° to + 45° Celsius (+32° to +113° Fahrenheit) and relative humidity of <95% (non condensing)
- -20° to +60° Celsius (-4° to +140° Fahrenheit) and relative humidity of 90% for a long period

**Power information**

**Power supply:** 100-240 VAC to 5.3 VDC / 4 A

**Power consumption:** 225 mW (75 mA @ 3 V)

**Audio information**

**Audio bandwidth:** 100 Hz – 7200 Hz

**SNR:** 55 dB (@ 1 kHz)

**THD:** –42 dB (≤ 0.8% @ 1 kHz)

**Compatibility with Roger devices**

**Compatible Roger receivers:**
- Roger Earpiece receivers: Unlimited

**Number of Roger receivers in use in a Roger network:**
- 1 Roger BaseStation per network and up to 35 Roger Transmitters Touchscreen Mics in a Roger network:

**Compatible Roger Transmitters:**
- Roger Touchscreen Mic

**Number of Roger Transmitters in use in a Roger network:**
- Unlimited

**Optional accessories**

**Dual Rack Mount Kit:** Kit to install two Roger BaseStation in a 19” rack

**Power supply adapter:** UK, AUS

**Connection information**

**Range unbalanced input (jack 3.5):**
- Nominal: -27 dBu
- Max: 0 dBu

**Range balanced input (XLR + jack 6.3):**
- Nominal: +4 dBu
- Max: + 20 dBu

**Impedance:**
- 25 kΩ unbalanced input:
- 2.2 kΩ balanced input (XLR + jack 6.3):

**Connections type and pinout:**
- Tip: Audio left
- Ring: Audio right
- Sleeve: GND

**Connections type and pinout Balanced input (XLR):**
- 1: GND
- 2: Hot (+)
- 3: Cold (-)

**Connections type and pinout Balanced input (jack 6.3):**
- Tip: Hot (+)
- Ring: Cold (-)
- Sleeve: GND

**Transmission technology:**
- 2.4 GHz adaptive frequency hopping

**Power emission:**
- 100 mW

**Operating range:**
- 15-40 m (49-131 ft) depending on environment

**Operating range to Roger Earpiece:**
- 10 cm (4”)

**Connect feature:**
- Balanced input

**Standards applied**

**Electrical safety:** IEC/EN 60950-1

**Radiocom 2.4 GHz:** EN 300 328

**EMC:** EN 301.489-1,-3,-9,-17

**FCC:** Part 15C

**IC:** RSS-247

**Roger information**

Roger Earpiece communication systems are ideal for people working in broadcasting and show business, who rely on seamless communication between directors, producers, and sound technicians. They are utterly discreet, easy to use and install, and offer unrivalled intelligibility.

- **Transmission:** 2.4 GHz adaptive frequency hopping technology
- **Power emission:** 100 mW
- **Operating range:** 15-40 m (49-131 ft) depending on environment
- **Operating range to Roger Earpiece:** 10 cm (4”)
- **Connect feature:** Balanced input

**Standards applied**

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