MobilitySound
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BTH-300-R

<Product Descriptions>

•Bluetooth earphone with PTT for walkie talkie or POC APPs

•Built in PTT function button, Cell phone answer (reject) key, and Volume control button

•Embedded 3.5mm jack is compatible with iPhone earphone and many other earphones.

•Long talk time, up to 10 hours.

<Specification>

Dimension: 65mm X 30mm X 12mm

Temp: -10℃±2℃ ~ 50℃±2℃

Approx. Weight: 21.6g (External earphone is excluded)

• Fully Qualified Bluetooth v4.0.

• Echo cancellation, noise reduction and extended features

• High Quality DAC

• 80MHz RISC MCU and 80MIPS Kalimba DSP

• SBC, MP3, AAC, Fast stream, APTX codec support

• RoHS compliant

• HSP, HFP, A2DP, AVRCP profile supports

• PTT function: built-in

• Talking Range: Bluetooth class 2, 10 meters

• Display LED: Blue and Red

• Power: Max 4dB

• Sensitivity: -90dB

• DC Input: 5 Vdc (std.)

• Standby Current: 6mA

• Battery: 190mAH

• Standby Time: 50 hours

• Talk Time: 10 Hours

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1 Microphone
2 3.5mm earphone jack
3 Power and Pairing button

4 LED Indicator
5 Phone answering/
  hang-up button

6 PTT button

7 Volume control buttons
8 USB jack
9 Clip

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How to use

PIO state	statement
Power S/W long held(>= 1sec)	Device on
Power S/W long held(>= 2.5sec)	Device off
Power S/W long press >6sec	Enter pairing mode from power off
CELL short press	Answer incoming call Hang up outgoing call or active call Play/Pause
CELL long held(>=1sec)	Reserved
VOL+ short press	Volume up
VOL+ long held(>=0.8sec)	Volume up continuously
VOL- short press	Volume down
VOL- long held(>=0.8sec)	Volume down continuously

BTH-300R State and LED Flashing Pattern

LED state	statement
Blue led on : 2 sec , off : 1 sec , repeat	All profiles are standby but not connected with any Cellphone device yet.
Blue led flash every 2 sec	A2DP or HFP is connected.
Blue led flash twice every 2 sec	On A2DP streaming state.
Blue led on : 1 sec , off : 1 sec , repeat	On active call state.
Blue led and red led flash alternative repeat	Enter pairing mode.
Red led On	Battery Charging
Red led Off	Battery Full

BTH-300 External Audio Accessory (Optional)

300-EP31

300-EP63

300-EP67

300-EP68

300-TP15

Pair BTH-300-R with smart phone

1. Make sure BTH-300-R is OFF, and press power switch and hold for 6 seconds
2. BTH-300-R is under pairing mode when you see RED/BLUE led flashing.
3. Start Bluetooth function on your smart phone.
4. Find the device name "BTH-PTT" under Bluetooth column and connect it.
5. Pairing process is completed.

Pair BTH-300-R5 with Bluetooth Dongle

1. Make sure BTH-300-R5 is OFF, and press power switch and hold for 6 seconds
2. BTH-300R is under pairing mode when you see RED/BLUE led flashing.
3. Start Bluetooth pairing process on your dongle or two way radio.
4. The BTH-300-R5 will automatically connect it.
5. Pairing process is completed.