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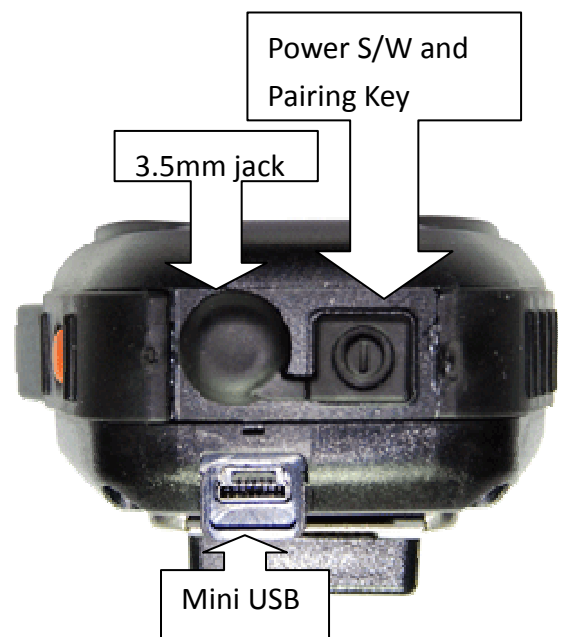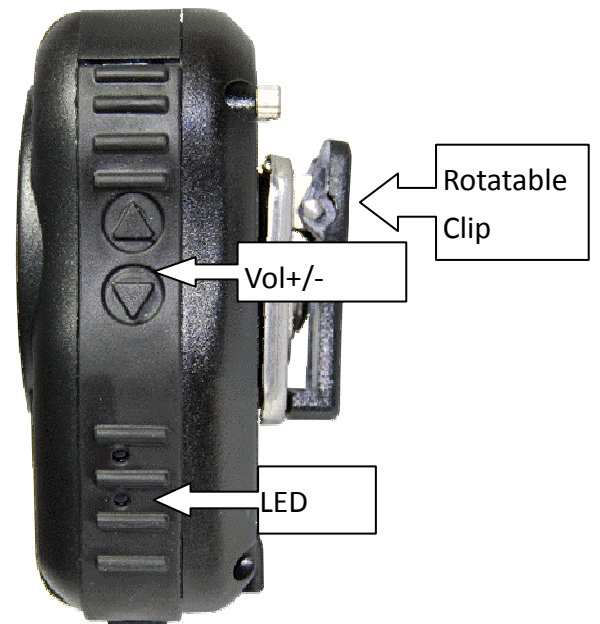
BTH-600R

<Product Descriptions>

•Heavy duty speaker microphone for POC APPs.
•Volume control buttons, cell phone answering / hanging up button, and PTT button are built in.
•Embedded 3.5mm jack for external earphone. Built-in Mini USB for charging.

<Specification>

Type: Bluetooth Speaker Microphone
Operating Temp: -20℃±2℃ ～ 50℃±2℃
Approx. Weight: 140g

• Fully Qualified Bluetooth v4.0
• Echo cancellation, noise reduction, also extended features
• High Quality DAC, CSR CVC Built-in
• 80MHz RISC MCU and 80MIPS Kalimba DSP
• Fast Current (200mA) battery charge
• SBC, MP3, AAC, Fast stream, APTX codec support
• RoHS compliant
• HSP / HFP / A2DP / AVRCP profile supports
• Speaker Output: 2W
• PTT function: built-in
• Talking Range: Bluetooth class 2, 10 meters
• Display LED: Blue and Red
• DC Input: 5 Vdc (std.)
• DC Current: 25 mA (Average)
• Battery: 1000mAH, BL-5C replaceable
• Talk Time: 40 Hours

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PTT

Cellphone Answer

Rotatable Clip

Vol+/-

LED

Power S/W and Pairing Key

3.5mm jack

Mini USB

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)	Connect last HFP source(when HFP/HSP is connectable) Dial last number(when HFP is connected) Reject incoming call Transfer call(sink←→source)(when call is outgoing or active)
CELL double press	Voice dial(when HFP is connected)
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-600R 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