

# BTH-500-R5



## <Product Description>

- BT speaker microphone for ICOM/Kenwood/BT Dongle radios.
- Rotary power & volume control switch and PTT button are embedded.
- Features mini LED lamp on the top of speaker for user in dim environment.

## <Specification>

Type: Bluetooth Speaker Microphone  
Operating Temp:  $-20^{\circ}\text{C} \pm 2^{\circ}\text{C} \sim 50^{\circ}\text{C} \pm 2^{\circ}\text{C}$   
Approx. Weight: 126g  
Size: 5.5cm x 7.5cm x 3.0cm



- Fully Qualified Bluetooth v4.1.
- 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.
- HFP 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.) Micro USB jack.
- DC Current: 25 mA (Average).
- Battery: 1000mAH, none replaceable.
- Talk Time: 40 Hours





**1 Push-to-Talk**  
**2 Back Clip**



6. Power and Volume  
 7. Pairing  
 8. 3.5mm 3 poles audio jack  
 9. LED  
 10. Micro USB charging jack



**3 Microphone**  
**4 Speaker**  
**5 Logo Plate**



## BTH-500 State and LED Flashing Pattern

BTH-500 State & Button Press	LED Message	Function
<b>No link and no paired</b>		
BTH-500 is OFF	No LED	BTH-500 OFF
When BTH-500 is OFF, rotate power switch clockwise.	Both Blue & Red LED are lighten for 1 second	BTH-500 is turned ON
When BTH-500 is ON, rotate power switch anticlockwise.	Red LED flashes 2 times then OFF	BTH-500 is turned OFF
When BTH-500 is ON, press pairing button and wait for 6 seconds	Red & Blue LED flashes alternatively	Get BTH-500 into pairing mode
Unpaired or lost link	Blue LED flashes once every 2 seconds	No link, no pair

## BTH-500 Pairing Process

1. Make sure BTH-500 is ON, Press pairing button for 6 seconds.
2. BTH-500 is under pairing mode when you see the LED flashing RED and BLUE alternatively.
3. Start Bluetooth function on your radio.
4. After you hearing connect sound, press pairing button once.(Kenwood only)
5. Pairing process is completed

## NOTE

The BTH-500-R5 only for one radio. When you paired with new radio the old one will be erased.

