

WBTH-600 Instruction Manual

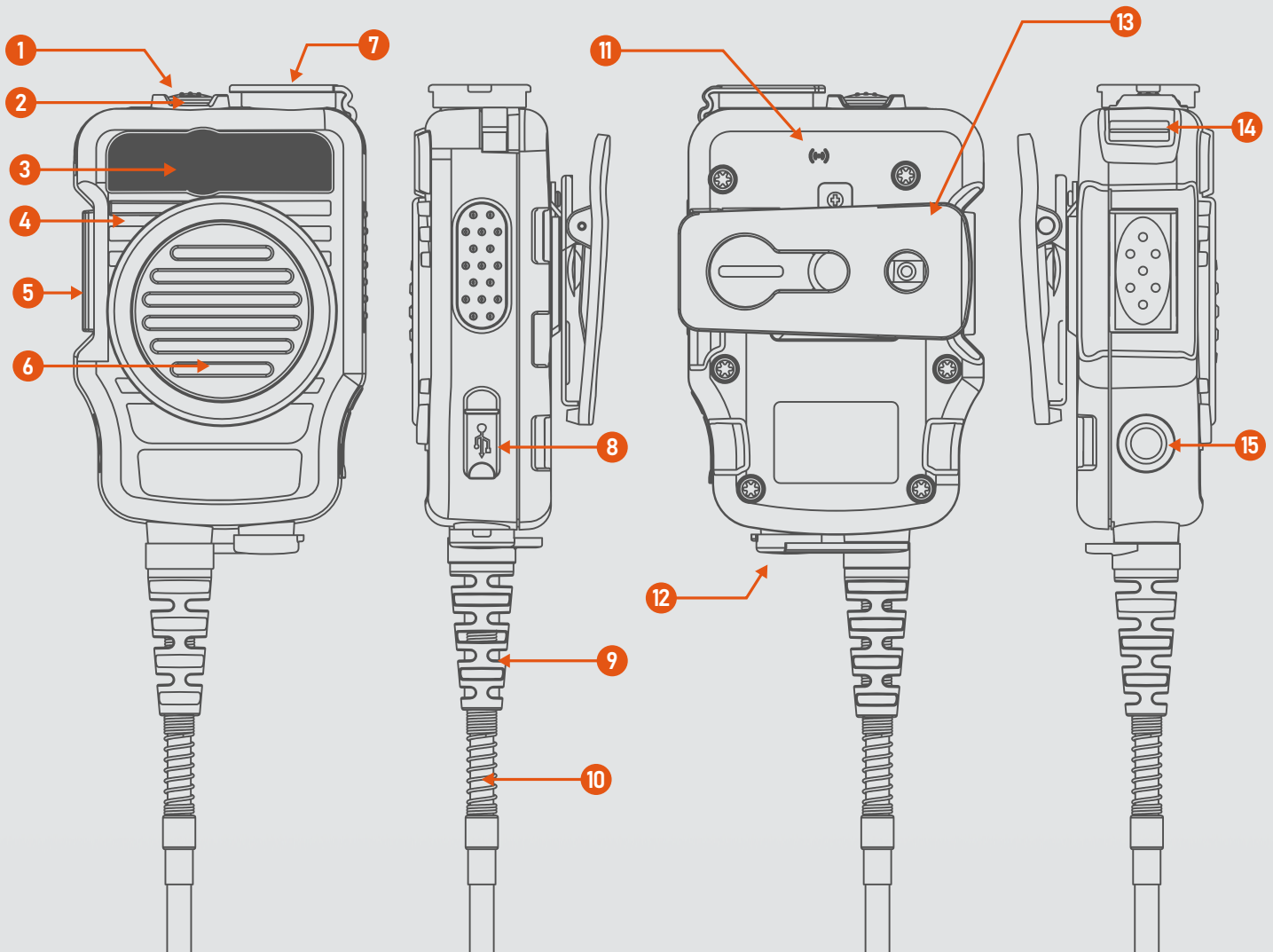
Specifications Description

Solution for speaker microphone with Bluetooth & Wireless pairing



TRANSLUCENT.

Diagram with Annotations



FUNCTION DESCRIPTION

1 Bluetooth Function Control Button

- Power on/off.
- Long press to turn on Bluetooth, with a continuous press duration of 1.5 seconds.
- Long press to turn off Bluetooth, with a continuous press duration of 3 seconds.
- Play/Pause Music.
- Answer/hang-up phone call.

2 PTT Indicator LED Light (Green)

- When pressing the PTT button for Two-Way Radio TX, the PTT indicator LED light will show green.

3 Reflective Sticker

- Advanced grade reflective film, excellent night visibility, ensuring high reflective effect.
- Durable and easy to clean, the excellent material allows the product to be used for a long time in harsh environments while maintaining excellent retroreflective performance; the surface film is smooth, translucent, and resistant to dirt.
- The reflective marking has high reflective performance, excellent weather resistance, and long-term night recognition advantages.

4 Microphone

FUNCTION DESCRIPTION

5 Side PTT(Push-To-Talk)

- Press the PTT button " the light up green", release the PTT button " the light turn off".

6 Speaker/PTT (Push-To-Talk)

- Press the PTT button " the light up green", release the PTT button " the light turn off".
- The entire speaker cover can be used as a PTT button.

7 Nexus External Female Socket

- Can connect to Nexus U-174/U Plug.

8 USB-C Charging Port

- Charging signal LED indicator, see detailed description (Point 6).
- Charging voltage: 5V
- Charging current: 500mA
- Charging time: 3~4 hours
- Continuous Operation: 28 hours
- Standby Time: 115 hours
- Storage Temperature: -30 to 80 degrees Celsius
- Operating Temperature: -25 to 65 degrees Celsius

9 Cable Anti-Stress Tension, Bending Buffer Structure Design, made of high elasticity strength rubber.

10 Cable Anti-Stress Tension, Bending Buffer Structure Design, made of reinforced stainless-steel spring.

11 Wireless Pairing icon

- Pairing with wireless PTT WP01

12 3.5mm External Female Socket

- Can connect to 3.5mm Plug mono headset.

13 Back Clip

- The upper clip of the back clip is made of lightweight plastic steel material, and its design can be fixed with hooks and brackets.
- The lower clip of the back clip is made of reinforced stainless-steel material and uses a high-torque spring to enhance the overall clamping force of the back clip.
- The rotating base is made of reinforced stainless-steel material and can rotate 360°, with clearly tactile angle positioning grooves.

14 Volume Button

- Pushing the volume button up increases the volume (+), pushing it down decreases the volume (-).
- Initial volume is set to a middle level (note: pushing the volume button up 6 times reaches the maximum volume).
- The minimum volume is mute.
- Long press on the volume button can quickly increase or decrease the volume.

15 Microphone Noise Cancellation Button, LED Indicator

- After connecting the handheld microphone to the Two-Way Radio and turning on the Two-Way Radio, press and hold for 0.5 seconds and release, the microphone noise cancellation function is activated (LED green light on); press and hold again for 0.5 seconds and release, the microphone noise cancellation function is turned off (LED green light off).
- When the handheld microphone is connected to the Two-Way Radio and the Two-Way Radio is turned on, the LED red light indicates low battery level of the built-in battery, please charge the battery immediately.
- The LED red light is on during charging of the built-in battery, and the LED green light is on when the battery is fully charged.
- Bluetooth function LED indicator is blue.
- After continuously pressing the power button (5) for 1.5 seconds to turn on (speaker emits a pairing power-on prompt tone), the LED blue light flashes, entering the Bluetooth search mode. After pairing and connection, the LED blue light flashing stops (speaker emits a pairing connection successful prompt tone).
- In the state of Bluetooth function being turned on, after continuously pressing the power button (5) for 3 seconds to turn off, the LED blue light stays on for 1 second (speaker emits a shutdown prompt tone).



FUNCTION SUMMARY

- WBTH-600 is a handheld microphone that can connect to a Two-Way Radio and a mobile phone at the same time.
- Wired connection to the Two-Way Radio, wireless connection to the mobile phone (wireless connection is Bluetooth).
- Volume of the Two-Way Radio and mobile phone will be adjusted synchronously.
- When pressing the PTT button for Two-Way Radio TX, WBTH-600 speaker mutes and the microphone of Bluetooth function is turned off. Two-Way Radio function has priority.
- PTT button indicator light.
- Microphone noise cancellation function.
- Bluetooth function supports phone calls and music play.
- Bluetooth voice broadcast: English and Chinese are available (default is English).
- Female external audio socket for all Nexus-compatible headsets, ensuring seamless interoperability for all markets and applications.
- 3.5mm mono headset external female socket.
- Bluetooth low power prompt tone, once every 30 seconds.
- Bluetooth pairing successful prompt tone.
- Bluetooth disconnection/reconnection prompt tone.
- Bluetooth incoming call prompt tone.
- USB-C charging interface.
- Replaceable back clip.
- WBTH-600 Can connect to the Wireless PTT (WP01) device. (Refer to the WP01 Pairing page for details.)



PAIRING WITH DEVICES

Diagram with Annotations

PAIRING MOBILE PHONE VIA BLUETOOTH


- Pair the WBTH-600 with your mobile phone via Bluetooth and use it to make and receive calls.

Step 1

- Connect the WBTH-600 to your two-way radio and power on the radio. Ensure the WBTH-600 is in an active state.



Step 2

- Press and hold the WBTH-600's Bluetooth  Function Control Button for a few seconds. You will hear the 「Power On」 tone, followed by the 「Pairing」 tone.

Step 3


- Enable the Bluetooth function on your mobile phone and locate "WBTH-600" in the device list. Tap to connect.

Step 4

- The WBTH-600 will emit a 「Connected」 tone, indicating successful pairing.




WP01 PAIRING

- Before starting the pairing process, locate the pairing icons [] on both the WP01 and the device (Speaker Microphone).
- Follow the pairing steps on the next page.



Pairing Step 1

- Find the icon [] on the WP01 and pairing device (speaker microphone), put two icons close tight together, the red light will turn on & wait for few seconds the green light on.



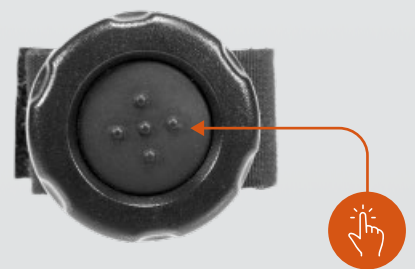
Pairing Step 2

- Once the green light turn on, remove the WP01.

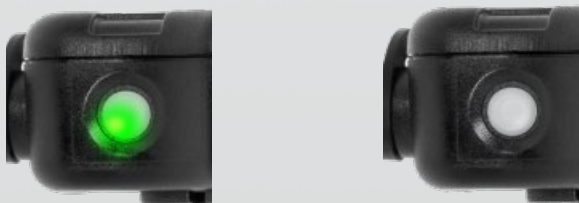


Pairing Step 3


- After removed WP01, please press the PTT button to the pair searching mode within 10 seconds.
- If you have more than one WP01 to pair with the same device (Speaker Microphone), please press other WP01 PTT button for second, third and so on in turn to the pair searching mode. (The maximum can be paired 20 unit.)




- After pressing the WP01 PTT button, the green light will flash twice.
- The green light will remain on for about 10 seconds.
- Once the green light turn off, pairing is completed.



WP01 UNPAIRING

- Before starting the unpairing process, locate the pairing icons [] on both the WP01 and the device (Speaker Microphone).
- Follow the unpairing steps below.

Unpairing Step 1

- Find the icon [] on the WP01 and pairing device (speaker microphone), put two icons close tight together, the red light will turn on & wait for few seconds the green light on.



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- Keep the WP01 close to the device until the green light start flashing.



Unpairing Step 2

- Remove the WP01 and press the PTT button to confirm that the WP01 has been disconnected.



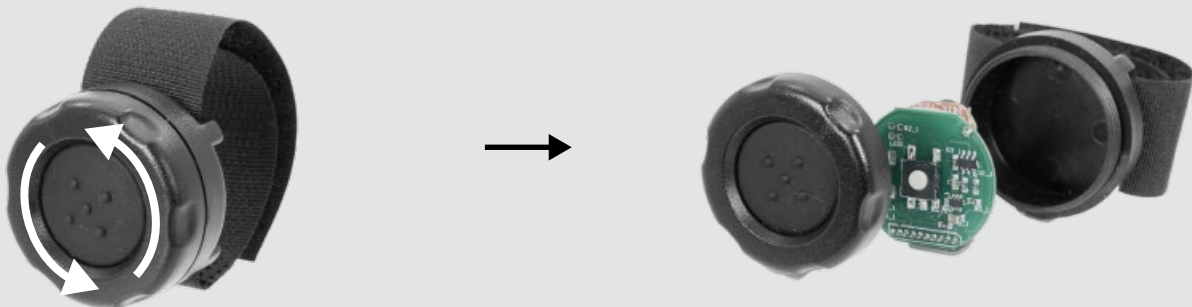
WP01 BATTERY REPLACEMENT

- Prepare a CR2032 battery
- Prepare a tooling (like pen, key, don't use too sharp one to avoid to damage the PCB) to assist in removing the battery.



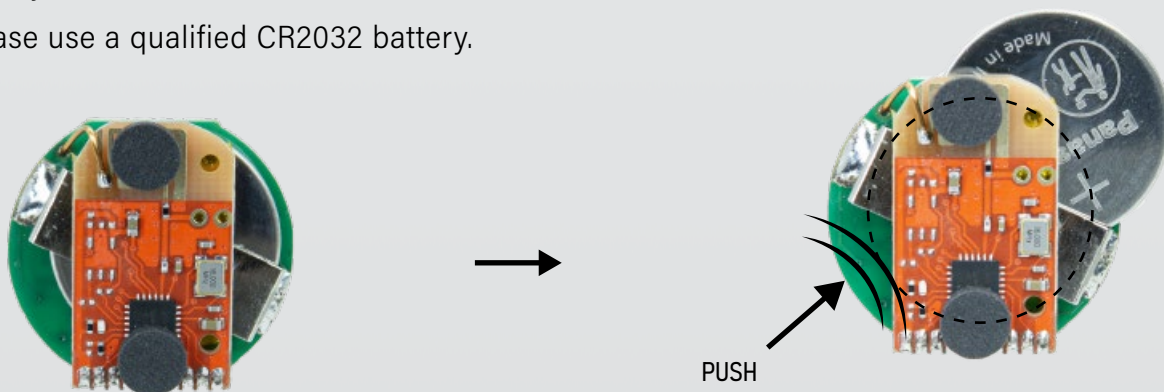
Step 1

- Rotate the WP01 top cover counterclockwise.



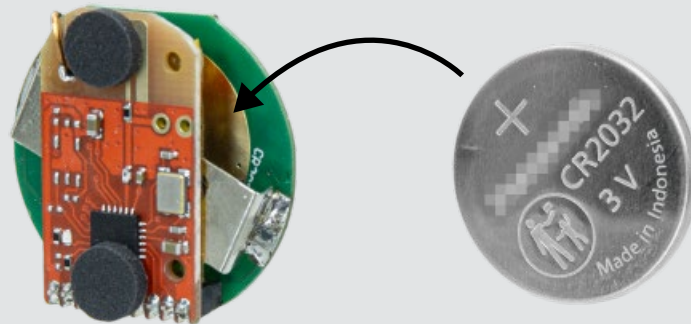
Step 2

- Use the tooling (like pen, key, don't use too sharp one to avoid to damage the PCB) to push the battery out from the indicated arrow direction.
- Please use a qualified CR2032 battery.



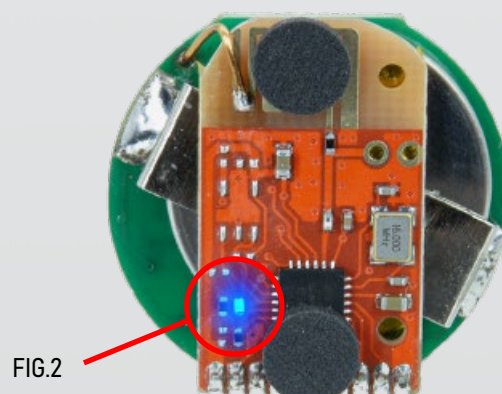
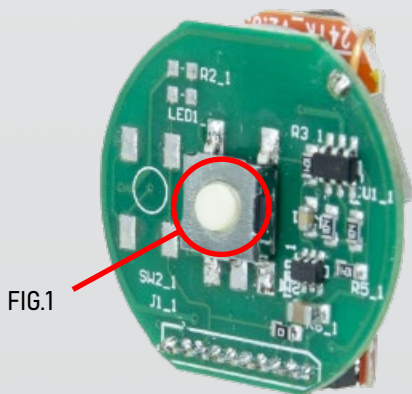
Step 3

- Insert the CR2032 battery into the WP01.
- Please kindly noted!
Please do not insert the battery with incorrect polarity, as this may not working well or cause malfunction.



Step 4

- After installing the battery, press the PTT button (FIG.1) and check if the LED (FIG.2) will lights up. When you press the PTT, the blue LED light will turn on with a blue indicator. If the light does not turn on after pressing the PTT button, please check whether the battery is installed correctly. Or the positive and negative poles of the battery are in the correct position.



PERFORMANCE INDEX

BLUETOOTH VERSION	V 5.0
BATTERY CAPACITY	850mAh
CHARGING CURRENT	500mAh
DIMENSION	6×5(mm)
SENSITIVITY	-40±3dB
DIRECTION	OMNIDIRECTIONAL
DIMENSION	Φ45mm
IMPEDANCE	80±15%
DUST AND WATERPROOF RATING	IP 68

