

BTD-3M1-5 Dongle Specification



<Product Descriptions>

- Bluetooth Dongle Adapter for Radio
- It is a small form factor intended for a broad range of Original Equipment Manufacturer (OEM) products
- The quality is good, and sensitivity allows continuous operation in nearly all Bluetooth application environments
- It is optimized for applications requiring high performance, low power, and low cost
- Just one-time pairing with wireless headset/accessory
- Optional PTT-Z wireless PTT
- No extra power is needed

<Specification>

Type: Bluetooth Dongle Adapter for Portable Radio

Temp: $-20^{\circ}\text{C} \pm 2^{\circ}\text{C}$ ~ $50^{\circ}\text{C} \pm 2^{\circ}\text{C}$

Approx. Weight: 30g

- Fully Qualified Bluetooth v5.0
- Echo cancellation, noise reduction, also extended features
- High-Quality DAC, Qualcomm CVC built-in
- 80MHz RISC MCU and 80MIPS Kalimba DSP
- RoHS compliant
- HSP / HFP / BLE profile support
- PTT function: built-in
- Talking Range: Bluetooth class 2, 10 meters
- Display LED: Blue
- TX Current: 16 mA (Average)
- Battery capacity: 300mAH
- Talk Time: 18 hours



Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. To maintain compliance with FCC RF exposure compliance requirements, please avoid direct contact to the transmitting antenna during transmitting.

Please keep product 20cm away from your body or bystander during the radio operation. The typical handheld two-way radios were certified under mobile usage condition (i.e. keep 20cm away from the user body) and use of such radio closer than 20cm may exceed the US RF exposure limit and shall be avoided.



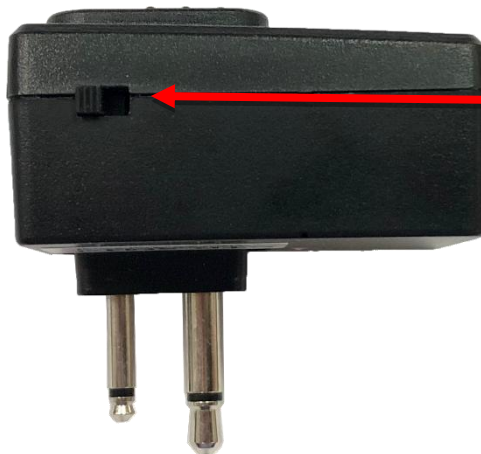
BTD-3M1-5



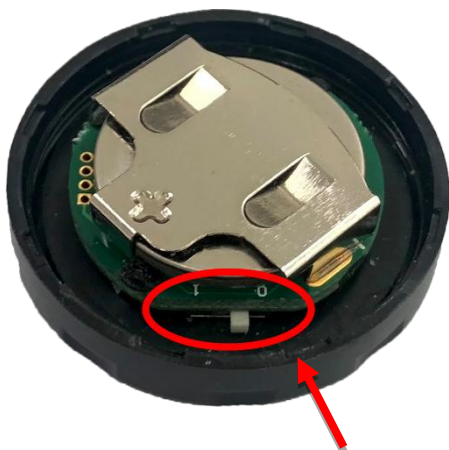
PTT Button



Blue LED



Power Switch



Slide the switch from 0 to 1



Micro USB Charging



BT Dongle User Manual

<Steps to pair the Bluetooth headset/earpiece>

1. Make sure that the Bluetooth headset/earpiece and PTT button near the Bluetooth dongle are off.
2. Press and hold the PTT button on the Bluetooth dongle while switching on for approximately 3 seconds, it will enter the pairing mode.
The blue LED will flash twice per second.
3. Power on the Bluetooth headset/earpiece and enter the pairing mode.
(Please check the user manual of the Bluetooth headset/earpiece)
4. The Bluetooth headset/earpiece will automatically pair and connect.
The blue LED on the Bluetooth dongle will flash once every 4 seconds.

<Steps to pair the Bluetooth PTT button>

1. Make sure that the Bluetooth headset/earpiece and PTT button near the Bluetooth dongle are off.
2. Press and hold the PTT button on the Bluetooth dongle while switching on for approximately 3 seconds until the blue LED flashes twice per second.
Then give the PTT button a short press to enter the BLE pairing mode.
The blue LED will flash 3 times per second.
Note: If you short press the PTT button on the Bluetooth dongle, but the blue LED is not flashing 3 times per second, make sure that the Bluetooth PTT button near the Bluetooth dongle is off.
3. Power on the Bluetooth PTT button and enter the pairing mode.
(Please check the user manual of the Bluetooth PTT button)
4. The Bluetooth PTT button will automatically pair and connect.
The blue LED on the Bluetooth dongle will flash once every 4 seconds.

After Bluetooth headset/earpiece and Bluetooth PTT button are paired, plug the dongle to go.

Note: The BLE PTT button will not work until the Bluetooth headset/earpiece connects to the Bluetooth dongle.

