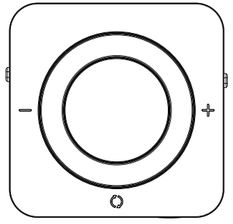
WIRELESS RECEIVER TRANSMITTER

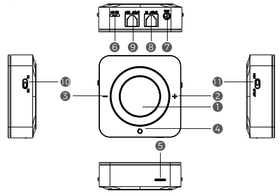


USER MANUAL

SPECIFICATIONS

Bluetooth Version	5.0 +EDR
Bluetooth Solution	CSR8670
Product Model	BT4842B
Bluetooth Range	10m
Bluetooth Protocol	A2DP / AVRCP
Battery Capacity	li-Polymer 450 mAH
Working Current	≦23 mA
Working Voltage	DC 3.0-4.2 V
Frequency Range	2.402 GHz-2.480GHz
Codecs	Aptx-ll Aptx AAC SBC
Connection Method: Digital Optical TOSLINK or 3.5mm Aux	

DIAGRAM



1. Multifunction Button: Power On / Off; Play / Pause
2. Next Track / Volume Up
3. Previous Track / Volume Down
4. Bluetooth Function Button
5. Status Indicator Light
6. USB Charging Port
7. AUX Port (AUX Stereo Input / Output Port)
8. SPDIF IN: optical input port (TX: Input from TV)
9. SPDIF OUT: optical output port (RX: Output to Speaker)
10. RX (receive) / TX (transmit) Switch
11. SPDIF / AUX Switch (optical audio / AUX stereo audio switch)

LOW LATENCY FUNCTION INSTRUCTIONS

Both Bluetooth RX mode and Bluetooth TX mode can support aptX™ low latency（APTX LL）or aptX™ （APTX ）.

Tips: If you want to use BT4842B's APTX LL or APTX function:

TX Transmit Mode: Your Bluetooth headphone or Bluetooth speaker etc. should support APTX LL or APTX.

RX Receive Mode: Your Bluetooth-enable smartphone etc. should support APTX LL or APTX.
If you want to experience APTX LL or APTX function with two devices connected to BT4842B, both devices should support APTX LL or APTX.

1. POWER ON / POWER OFF

Power On: Long press the Multifunction button for 3 seconds, BT4842B will power on automatically with a green indicator light (TX) or blue indicator light (RX) flashing.

Power Off: Long press the Multifunction button for 3 seconds.

2. TX / RX MODE SWITCH

Convert via the "TX / RX" switch:
TX: Bluetooth transmit mode
RX: Bluetooth receive mode

3. SPDIF / AUX SWITCH

Convert via the "SPDIF / AUX" switch:
SPDIF: Optical digital audio
SPDIF IN: optical input port (TX: Input from TV).
SPDIF OUT: optical output port (RX: Output to Speaker).
AUX: Stereo analogue audio.

4. TRANSMIT MODE

To enter Transmit mode, turn the "TX / RX" switch to the "TX" position. Connect BT4842B to a non-Bluetooth multimedia device (such as TV, PC) via a 3.5mm audio cable or optical cable. Then, the audio source from a multimedia device (such as TV, PC) can be transmitted to a Bluetooth headphone or Bluetooth speaker via BT4842B's Bluetooth transmission.

4.1 CONNECTION TO ONE BLUETOOTH HEADPHONE

1. For the first use, please pair BT4842B to a Bluetooth headphone or Blutooth speaker after 3.5mm audio or optical cable connected.
2. Turn on BT4842B, and it will enter pairing mode automatically (or to enter pairing mode by short pressing the " ✪ " button) with the green indicator light flashing quickly.
3. Turn on your Bluetooth headphone or Bluetooth speaker etc., ensure the distance is within 1 meter. It may take 5 - 30 seconds to complete the connection.
4. When the connection is complete, the green indicator light stays on.

4.2 CONNECTION TO TWO BLUETOOTH HEADPHONES

1. After completing the connection to the first headphone, short press the " ✪ " button on BT4842B . Its green indicator light flashes quickly, and BT4842B will enter paring mode.
2. Turn on the second Bluetooth headphone or Bluetooth speaker etc. Ensure the distance is within 1 meter. It may take 5-30s to complete the automatic connection between BT4842B and your Bluetooth headphone or Bluetooth speaker.
3. When the connection is complete, the green indicator light stays on.

4. Then, BT4842B is paired with two Bluetooth headphones or two Bluetooth speakers simultaneously.

4.3 DISCONNECT THE CURRENT CONNECTION

When BT4842B is connected to one or two Bluetooth headphones or Bluetooth speakers, long press the " ✪ " button for 3 seconds to disconnect the current devices. Then, it enters pairing mode with the green indicator light flashing quickly.

Note: It's recommended to turn off the current headphone paired with BT4842B when you need to connect BT4842B to a new one.

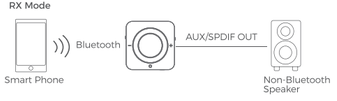
4.4 VOLUME CONTROL

Mute/Unmute: Short press the Multifunction button.
Volume Up: Long press the " ＋ " button.
Volume Down: Long press the " — " button.
Note: In transmit mode, the volume can't be controlled via BT4842B when it's connected via the optical port.

5. RECEIVE MODE

To enter Receive mode, turn the "TX / RX" switch to "RX" position. Connect BT4842B to a non-Bluetooth speaker, car stereo or headphone etc. via a 3.5

mm audio cable. Then, pair BT4842B to a Bluetooth-enable smartphone etc. via Bluetooth. The music from your phone will be transmitted to a speaker, car stereo or headphone etc.



5.1 CONNECTION TO ONE SMARTPHONE

1. For the first use, pair BT4842B to a smartphone or other smart devices after 3.5mm audio or optical cable connected.
2. BT4842B will enter pairing mode directly with a blue indicator light flashing quickly after it powers on (or enter pairing mode by short pressing the " ✪ " button).
3. Enable Bluetooth on your smartphone, search "BT4842B" and click to connect. When the connection is complete, the blue indicator light stays on.
4. Enter the code "0000" if needed.

5.2 CONNECTION TO TWO SMARTPHONES

1. After completing the connection to the first smartphone, short press the " ✪ " button to enter Pairing mode with the blue indicator light flashing quickly (the first smartphone can still work normally).
2. Enable Bluetooth on the second smartphone, search "BT4842B" and click to connect.
3. When the connection to the second smartphone is complete, the blue indicator light stays on. Then, two smartphones will be connected to BT4842B simultaneously.

Note: If you want to change the music source from the first smartphone to the second smartphone. Pause the first smartphone, then you can play music on the second smartphone after 5 seconds.

5.3 DISCONNECT THE CURRENT CONNECTION

To disconnect the current connection and connect to other smartphones, long press the " ✪ " button for 3 seconds. BT4842B will disconnect the paired smartphone and enter pairing mode with the blue indicator light flashing quickly.
Note: If you need to connect BT4842B to a new one, please disable Bluetooth on the paired smartphone.

5.4 PLAY MUSIC

Play / Pause: Short press the Multifunction button.
Next Track: Short press the " ＋ " button.
Previous Track: Short press the " — " button.
Volume Up: Long press the " ＋ " button.
Volume Down: Long press the " — " button.

6. BLUETOOTH AUTOMATIC RECONNECTION

6.1 Bluetooth connection will be disconnected, when the distance away from BT4842B exceeds the Bluetooth range or BT4842B powers off.

6.2 When the distance away from BT4842B is within the Bluetooth range or BT4842B powers on again, BT4842B will enter reconnection mode: the blue indicator light flashes quickly (RX) or green indicator light flashes at interval (TX) . Then, the two devices paired before the disconnection will be reconnected with BT4842B.

6.3 BT4842B will automatically enter pairing mode when the reconnection can't be complete in 10 seconds. Also, you can short press the " ✪ " button to enter pairing mode manually within these 10 seconds.

7. CLEAR BLUETOOTH PAIRING LIST

In power-on state, to clear the pairing list paired before and enter pairing mode, long press the " ✪ " button for 8 seconds until the red indicator light flashes twice (The pairing list can't be cleared in power-off state).
Note: In Bluetooth receive mode, please clear pairing list on your smartphone simultaneously to reconnect quickly.

8. LOW POWER PROMPT

When the battery is in low power, BT4842B 's indicator light will flash red quickly. If the power is too low, it will automatically power off.

9. CHARGING

When BT4842B is in low power or can't power on, you can charge it via a DC 5 V USB charging cable. The red indicator light stays on during the charging process and goes off when the charging is complete.

10. AUTOMATIC POWER OFF FUNCTION

If BT4842B hasn't been connected to any devices, it will automatically power off in 10 minutes to save power. In Bluetooth connection state, if it exceeds the effective Bluetooth range, it will disconnect and automatically powers off in 20 minutes to save power.

CONSIDERATIONS

1. If BT4842B cannot be paired with two devices, please reboot BT4842B and try pairing again.
2. It's recommended to use headphones with same chips when pairing to two headphones to prevent from intermittent music, silent sound or disconnection etc.
3. In Bluetooth transmit mode, BT4842B can be paired with a Bluetooth head phone and Bluetooth speaker. BT4842B can't be paired with smartphone or other similar devices.
4. For a better music quality, it's recommended to select headphones of a same model when pairing BT4842B to two headphones.
5. To complete the Bluetooth pairing, it's recommended to use BT4842B in the place where there are few obstructions or other Bluetooth devices using.
6. If the pairing fails, please clear the pairing list on BT4842B and smartphones etc. and try pairing again. Meanwhile, check whether BT4842B is in Bluetooth pairing mode. Also, you'd better turn off other Bluetooth devices.