



# Bluetooth Transmitter & Receiver BTI-029

## User Manual

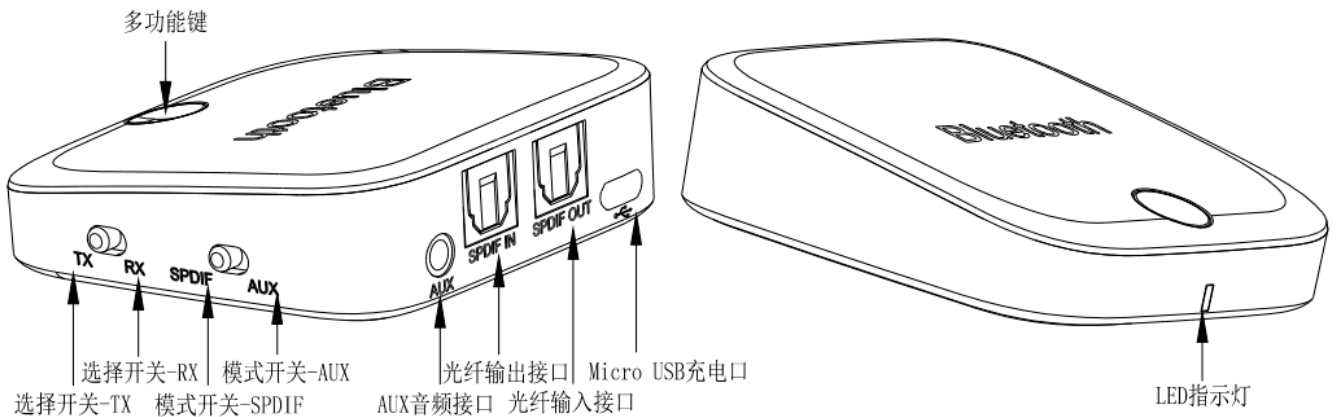
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## 1. Product Overview

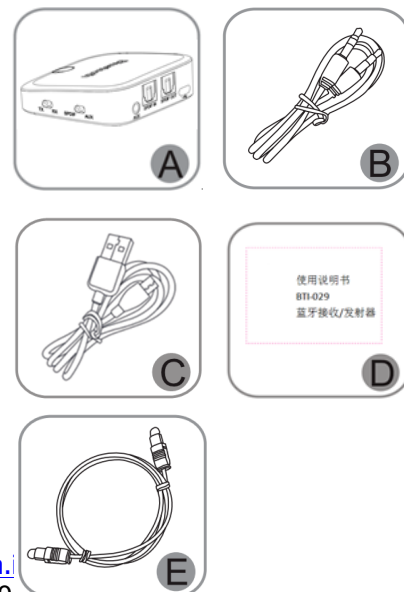


MFB (Multi Function Button), Selection Switch TX/RX (TX: transmitter; RX: receiver), Mode Selection Switch SPDIF/AUX,

AUX Audio Port, SPDIF input, SPDIF output, Micro USB Charging Port, LED Indicator

Package Contents:

- A. Bluetooth Transmitter & Receiver \*1
- B. 3.5mm Audio Cable \*1
- C. Micro USB Charging Cable \*1
- D. User Manual \*1
- E. Fiber Optic Cable \*1



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## 2. Basic Operation

Button	Function	Operation
MFB (Multi Function Button)	Power on / off	Long press MFB 3 seconds to power on or off
	Play / pause	RX Mode, short press MFB to play or pause music during playing.  Not work in TX mode.
	Enter Pairing mode	Double press MFB to enter into pairing mode. (not work in Multi Point Connections)  (RX: Red & Blue LED flash alternately; TX: Blue LED flash quickly)
TX/RX mode selection	Slide to TX side or RX side to select the TX or RX mode.  *The paired records of the last mode will be delete when switch to another mode.  *Switch to another mode after item turn off at least 3 seconds.	
SPDIF/AUX mode selection	Power off or on status, slide to SPDIF side or AUX side to select the SPDIF or AUX mode.	

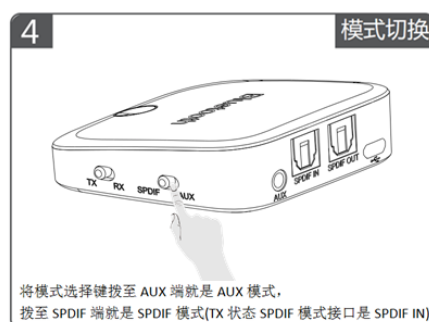
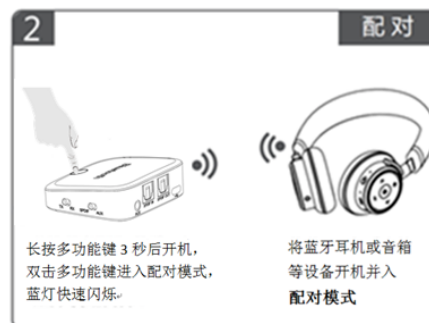
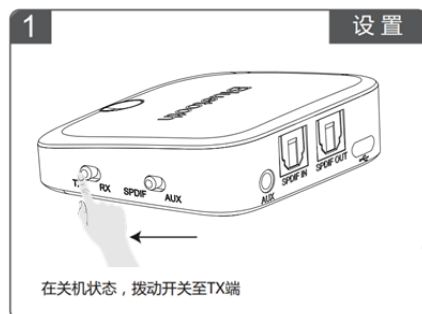
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## 3. How to use as a Bluetooth Transmitter (TX)

### 3.1 Bluetooth Pairing and Connection

- A. Off mode, turn to TX switch and long press MFB 3 seconds to power on.
- B. Double press MFB to enter into pairing mode with Blue LED flash.
- C. Turn on the Bluetooth function of your device (Bluetooth Headphone, Speaker or receiver etc.) to pairing mode, with Red & Blue LED flash alternately or Blue LED flash.
- D. Place the BTI-029 and your device close and wait in 5-30 seconds for connection, LED turns to low Blue LED flash after connected.
- E. Connect BTI-029 and your phone with 3.5 mm audio cable, and could play music from your phone to the headphone or speaker.



1. Off mode, slide to TX side.

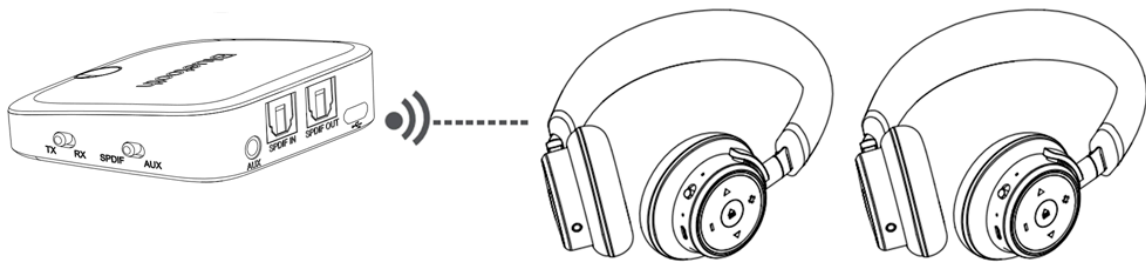
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2. Long press MFB 3 seconds to power on , and double press MFB to enter into pairing mode with Blue LED flash. Turn on the Bluetooth function of headphone or speaker to enter into pairing mode.
3. Place the BTI-029 and your device close and wait in 5-30 seconds for connection, Blue LED turns to slow flash after connected.
4. Slide to SPDIF side or AUX side to select the SPDIF or AUX mode (SPDIF port in TX mode is SPDIF IN).

## 3.2 Multi Point Connection

- A. Follow 3.1 to connect with the first device, double press MFB to enter into pairing mode again with Blue LED flash.
- B. Turn on the Bluetooth function of the second device (Bluetooth headphone, speaker or receiver etc) to enter into pairing mode. Place the BTI-029 and your device close and wait in 5-30 seconds for connection. BTI-029 solid Green LED after connected with two devices.



### Notes:

\*Pls turn off BTI-029 and turn on again, and try to reconnect or repair with two devices, when it could not connected with two devices at the first time.

\*Multi point connection could compatible with most of the chipset solution at the market, except less of them.

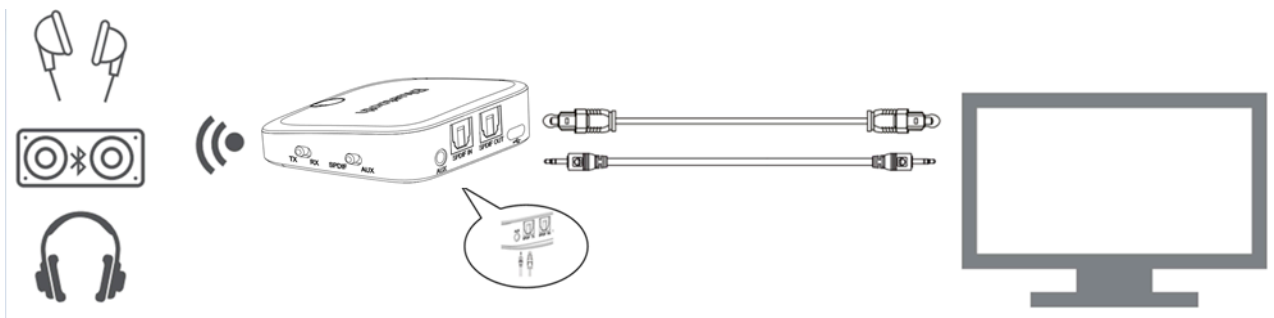
\*Single connection priority support aptX™ low latency (connected device also support aptX™ low latency). Two connections priority support aptX™ low latency (connected devices also support aptX™ low latency). Two connections priority support aptX™ (connected devices also support aptX™). Two connections turn to SBC automatically if the CODEC are different.

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### 3.3 TV Connection

Connect BTI-029 and the TV with 3.5mm audio cable or fiber optic cable, and Bluetooth connect BTI-029 with devices ( Bluetooth headphone or speaker ), and could transmit the audio from TV to the devices .



Notes:

\*Pls test the TV with wired headphone or check the TV's audio settings (Select 3.5mm output ) to make sure the devices connect in the right way and play audio from the TV.

\*Pls connect the TV and SPDIF IN port with fiber optic cable when select the Toslink connection mode.

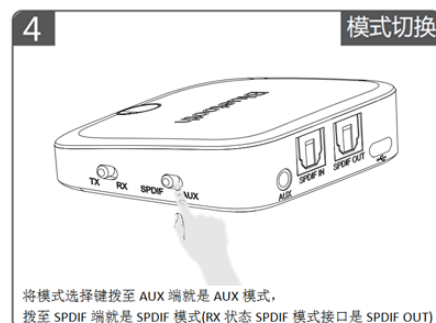
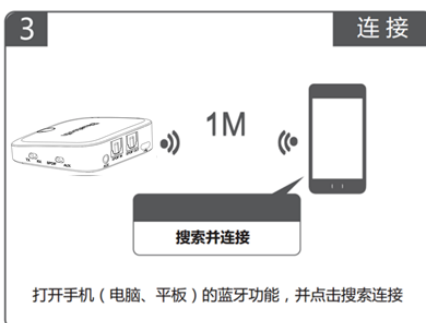
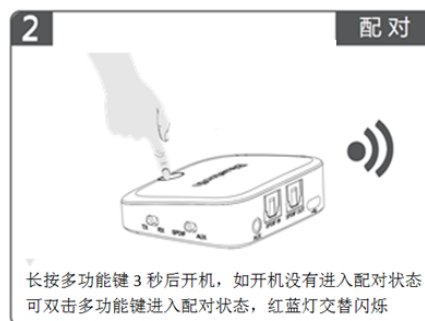
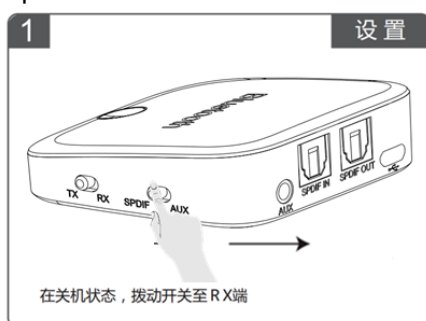
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## 4. How to use as a Bluetooth Receiver (RX)

### 4.1 Bluetooth Pairing and Connection

- A. Off mode, turn to RX switch, long press MFB 3 seconds to power on.
- B. Double press MFB to enter into pairing mode with Red & Blue LED flash alternately.
- C. Turn on Bluetooth function of Phone, search and click to connect BTI-029 on Bluetooth device lists.
- D. LED turns to solid Blue after connected, connect BTI-029 and headphone or speaker with 3.5mm audio cable, play music from phone to the headphone or speaker.



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1. Off mode , slide to RX side.
2. Long press MFB 3 seconds to power on , and short press pairing button to enter into pairing mode with Red & Blue LED flash alternately.
3. Turn on Bluetooth function of phone (PC, laptop), search and click to connect BTI-029.
4. Slide to SPDIF side or AUX side to select the SPDIF or AUX mode (SPDIF port in RX mode is SPDIF OUT).

## 4.2 Multi Point Connections

- A. Follow 4.1 to connect with the first device (phone, PC, laptop), double press MFB to enter into pairing mode again, red and blue lights flash alternately. (The first connected device is not affected and can be used normally).
- B. Double press BTI-029 pairing button to enter into pairing mode again with Red & Blue LED flash alternately.
- C. Turn on Bluetooth function of the second phone, search and click to connect BTI-029 on phone Bluetooth lists. Multi point connection with solid green LED.



Notes:

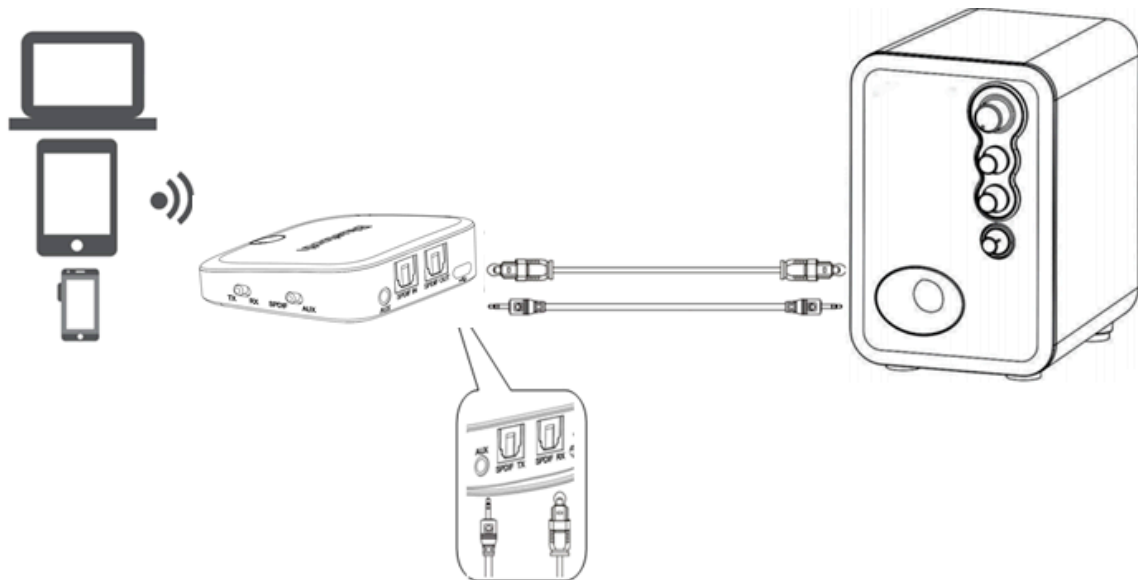
- (1) Only could play music from one phone when with two connections.
- (2) Priority support aptX™ low latency for one connection(Connection device support aptX™ low latency), support CODEC according to the phone which playing music for two connections.

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## 4.3 Speaker Connection

Connect BTI-029 and Speaker with 3.5 mm audio cable, and Bluetooth connect with phone (PC, laptop), play music from your phone to speaker.



Notes:

\*Pls test the speaker with 3.5 mm audio cable (connect phone) to see if workable, if could not play when connect with BTI-029.

\*Pls insert to SPDIF OUT port for Toslink connection.

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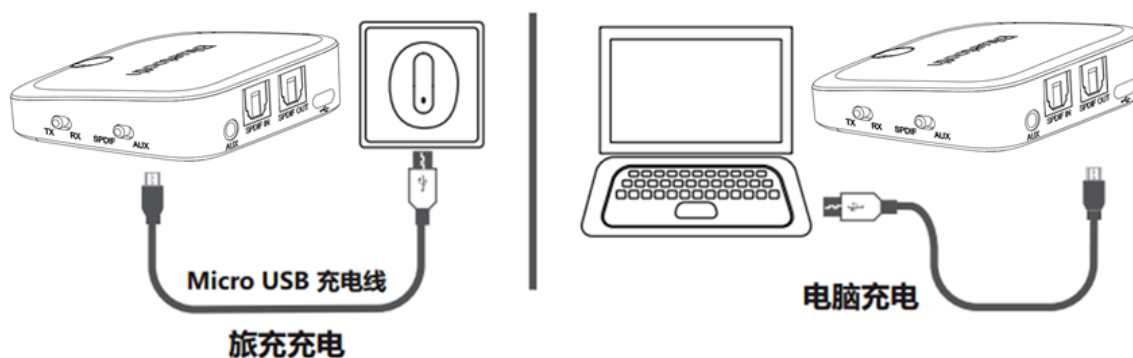
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## 5. Charging

Pls charging BTI-029 when low battery with Red LED flash. LED turn off when full charged (about 2 hours ).

Connection for charge

Connect BTI-029 and power supply (charger , car charger , computer USB etc )with Micro USB cable.



**Charging with Micro USB / Charging with PC**

Notes:

\*Pls charge the BTI-029 at least once every 2 months if without use.

\*Pls press “MFB” and connect with power supply to reset the item , when it dead during use.

\*It is normal for charging LED indicator to cover the bluetooth status LED indicator when power on.

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## 6. LED Indicator

Status	LED Indicator
Power on	Blue LED flash twice
Power off	Red LED flash twice
Pairing mode	Blue LED flash (TX mode)
	Red & Blue LED flash alternately (RX mode)
Unconnect standby mode	Blue LED flash once every second (TX mode )
	Blue LED flash twice every 3 seconds (RX mode )
Connected standby mode	Solid Blue LED
Low battery	Red LED flash
Charging	Solid Red LED
Full charged	Red LED turn off

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## 7. Product Specification

Bluetooth Version	V5.0		
Chipset Solution	CSR 8670		
Operation Range	Class II , 10 meters		
Bluetooth Profile	A2DP、AVRCP		
CODEC	<b>RX</b> : aptX™ low latency、aptX™ 、 AAC、 SBC <b>TX</b> : aptX™ low latency、 aptX™ 、 SBC		
Battery Capacity	350mAh/3.7V		
Charging Time	About 2 hours		
Standby Time	RX mode: About 50 hours		
Working Time	AUX	RX	About 15 hours
		TX	About 15 hours
	SPDIF	RX	About 12 hours
		TX	About 12 hours

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Operating Temperature	-10---55℃
Net Weight	About 38.6 g
Size	60*60*18.4mm

Notes:

1. Working time will be different depend on different working environment and CODEC.
2. Standby time will be same as working time on TX mode, as it will be working once connected.
3. CODEC code depend on the connected devices and follow the turns as mention.

## 8. Attention and Q & A

### Q. Power off automatically?

A: Without connect with any devices for more than 5 minutes the item will power off automatically in RX mode (6 minutes if have pairing record), except in TX mode.

### Q. How to reconnect?

A: BTI-029 will reconnect with paired devices when power on. If not , pls follow the 3.1 or 4.1 to pair & connect again.

### Q . How to delete the paired records?

A: Switch to another mode （TX or RX） and power on, will delete the paired records of the last mode. (Pls switch to another mode after 3 seconds from power off in last mode.)

### Q . Password for connect?

A: Pls enter “0000” (four zero), “8888” (four eight), ” 1111” (four one), or “1234” (one, two, three, four) for some devices which need password to connect .

### Q. Could not power on or dead when connect?

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A: Press MFB and connect with power supply to reset the item, and repower for use.

**Q. Charging power supply?**

A: Charging power supply: 5V,  $\geq 500$  mA. (Charger, car charger , computer USB etc).

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