BTC008L

Bluetooth FM transmitter

User's manual

Welcome to use this Bluetooth FM transmitter BTC008L. Please read this user manual carefully before using it.

■ Before use
1. About BTC008L

BTC008L is a Bluetooth hands-free car kit with a Bluetooth stereo receiver and built-in FM transmitter. It also has a DC 5V USB Charging socket to power or charge other devices. With BTC008L you can make calls and listen to your music, everything transmitted to the car's FM radio.

2. Overview

1	Spin button
2	▶‖ button—Pause/play
3	▶▶‖ button—Next track
4	‖◀◀ button—Last track
5	USB charging jack
6	LED display screen
7	✈ button—End call
8	Microphone
9	☏ button—Enter pairing mode
10	Power switch
11	Cigarette lighter plug

3. Prepare before use

1) Put the cigarette lighter plug into the car cigarette socket, ensure is connected, as the following pictures show:

2) Press the power switch on cigarette adaptor to activate BTC008L.

3) Blend the gooseneck and make it face to the user.

■ Getting started

1. Adjusting frequency

Before using BTC008L, you have to adjust its frequency to be the same as the car's FM radios.

1) Adjust the frequency of your car's FM radio to a frequency that is not occupied by a broadcasting radio station;

2) Rotating spin button of BTC008L to adjust its frequency to be the same as the car's FM radios. Frequency step is 0.2MHz. Clockwise rotating is increasing frequency, anticlockwise rotating is decreasing frequency.

Remark:

◆ BTC008L will remember and show last used frequency automatically after turn on.

◆ The channel which is not occupied by the public radio, you can hear the pure noise usually. The noise is more pure, the channel is more suitable for use as FM frequency.

2. Pairing BTC008L with Bluetooth devices
1). How to enter pairing mode

Function	Status of BTC008L	Operation	LED indicator
Enter pairing mode	In standby mode (not connected)	Long press ☏ button for about 2 seconds	✲button with Red light and ☏ button with blue light flashes alternately

Remarks:
Long press ☏ button wouldn't enter pairing mode if BTC018L is connect to a device.

2) Pairing with a Bluetooth cell phone
Please make sure your cell phone is Bluetooth-enabled. Specific pairing steps may vary with different cell phones. Please refer to your cell phone's user manual for further information. The general pairing steps are as follows:

a) Keep BTC008L and your Bluetooth cell phone within 1 meter when pairing, the closer the better.
b) Please make sure BTC008L in pairing mode
c) Switch on the cell phone's Bluetooth function and search for Bluetooth devices. After the search is completed, select "BTC008L" from the Bluetooth device list. After successful connecting, red LED of ✲ button and blue LED of ☏ button will be on.

Remarks:

◆ Pairing mode will last 10 minutes. If no devices can be connected over 10 minutes, BTC008L will back to standby mode. If you want to repair, please turn off BTC008L first and then enter pairing mode again.

◆ After successful pairing, BTC008L and the Bluetooth cell phone will remember each other, BTC008L will not need to re-pair with the Bluetooth cell phone next time unless the pairing information is deleted because of a new pairing.

◆ Every time BTC008L is turned on, it will connect to last connected devices automatically.

◆ Under the status of standby mode, and non-connected with devices, short press ▶❙❙ button, ❙◀◀ button or ▶▶❙ button once, BTC008L will connect with last connected device.

3) Pairing BTC008L with multi-devices

BTC008L can connect with two Bluetooth devices at the same time.

The general pairing procedures are as follows:

1) Pairing BTC008L with device one.

2) Turn off device one, then turn on BTC008L and make it enter pairing mode again, pairing with device two.

3) Operate device one to connect with BTC008L. BTC008L has already connected with two devices in this moment. BTC008L will connect to the two devices automatically after rebooting.

Remark:

◆ Turn on: In standby mode(not connected) or pairing mode, long press ▶❙❙ button and ▶▶❙ button for 2 seconds, release it until you hear four raise tone

◆ Turn off: In standby mode(not connected) or pairing mode, long press ▶❙❙ button and ❙◀◀ button for 2 seconds, release it until you hear four fall tone

◆ To improve the stabilization of headset, we suggest you turn off the multi-pair function when you only connect with one cell phone.

3. The operation of BTC008L

Please ensure BTC008L frequency to be the same as the car's FM radios, and connect to a Bluetooth cell phone. With BTC008L you can make calls and listen to your music, everything transmitted to the car's FM radio.

1) Basic function

Function	Status of BTC008L	Operation	Screen Shows
Adjust frequency	Turned on	Rotating spin button. Clockwise rotating one step, frequency will increase 0.2MHz; Anticlockwise rotating one step, frequency will decrease 0.2MHz;	Display current frequency
Adjust volume	Turned on	Light rotating spin button to enter volume adjustment mode. Clockwise rotating one step, volume will increase one level; Anticlockwise rotating one step, volume will decrease one level;	Display current volume, volume range: 00-30

2) Music playback

Function	Status of BTC008L	Operation	Prompt tone
Pause/play	Playing music	Light press ▶❙❙ button	No prompt tone
Last track	Playing music	Light press ❙◀◀ button	No prompt tone
Next track	Playing music	Light press ▶▶❙ button	No prompt tone

3) Basic call operation

Function	Status of BTC008L	Operation	Prompt tone
Voice dial	Standby mode	Press and hold ☎ button for about 3 seconds	Voice dial
Redial last number	Standby mode	Double click ☎ button	Last number redial
Cancel call	Calling	Short press ✆ button	One short tone
Answer call	Ringing	Short press ☎ button	Call answered
Reject call	Ringing	Press and hold ✆ button for about 2 seconds	Call rejected
Switch call	During a call	Double click ▶❙❙ button	Transfer audio
Microphone mute	During a call	Long press ◀◀ button	Two fall tone
Cancel mute	During a call(Microphone mute)	Long press ◀◀ button	Two rise tone
End call	During a call	Short press ✆ button	One short tone

4) Three-way call

Function	Status of BTC008L	Operation
End current call and answer a new incoming call	During a call and there is another incoming call	Short press ☎ button

Keep current call and answer a new incoming call	During a call and there is another incoming call	Double click 🖰 button
Call transfer between two calls	During a call（keep another call）	Double click 🖰 button
End current call and switch to the call to be kept	During a call（keep another call）	Short press 🖰 button
End the last call	The last call is end	Short press 🖰 button

5) Connect with two cell phones

Functions	Status of headset	Operation
End phone call #1 and answer phone call #2	During phone call #1, phone 2 has incoming call	Short press 🖰 button
Retain phone call #1 and answer phone call #2	During phone call #1, phone 2 has incoming call	Double click 🖰 button
Switch call	During call, one of phone call is retained	Double click 🖰 button
End current call	During call, one of phone call is retained	Short press 🖰 button
End the last call	One call is ended	Short press 🖰 button

4. Line in
This product has Line in function. Using a 3.5mm to 3.5mm audio cable. One end inserts into the Line in socket of BTC008L and the other end inserts into your media player. You can enjoy music from radio after playing music on media player.

Remark:
◆ In line in mode, BTC008L can't control volume, pause, last track/ next track function, you must control it on media player.
◆ When BTC008L connected to a Bluetooth device and connected to another media player through 3.5mm Line-in jack at the same time. Line in mode have priority. Plug the 3.5mm to 3.5mm audio cable, then music from Bluetooth devices will available.
◆ When BTC008L connected to a Bluetooth device and connected to another music player through 3.5mm Line-in jack at the same time. Line in end was playing music. When coming a call or dialing, music from line in end will pause automatically. It will playback after call is ended.

5. Charging for portable device
This product has charge output jack (DC5V/1A). You can charge for portable device.

6. Factory reset

In the status of turned on and not connect with Bluetooth device, long press ▶∥ button, ◀◀ button and ▶▶ button about 2 seconds simultaneously, and release it until red LED of ⚡ button and blue LED of 📞 button flash twice simultaneously.

Remarks:

◆ After factory reset, all the paired list will be deleted. When you turn on BTC023, it will enter pairing mode automatically, and you need to pair with Bluetooth device again.

■ Care and maintenance

Read the following recommendations before using BTC008L. Following these you will be able to enjoy our product for many years.

◆ Keep it dry and don't take it to damp places to avoid the product's internal circuit being affected.
◆ Keep the product away from direct sunlight or hot places. High temperatures will shorten the life of electronic devices. Don't expose the product to cold areas. It may damage the internal circuit board.
◆ Don't try to disassemble the product as it may get damaged if you are not professional.
◆ Don't let it fall down onto the floor or other hard surfaces. The internal circuit might get damaged.
◆ Don't use intensive chemical products or detergent to clean the product.
◆ Don't scratch the surface with sharp things.

In case the product doesn't function properly, send it to the store you bought it. The staff will help you to solve the problem.

■ FAQs

1. Why is the red LED of the ⚡ button light on permanently?

The lighting red LED means that BTC008L already established a connection with a Bluetooth HFP device, ready to make calls.

2. Why is the blue LED of the **button light on permanently?**
The blue LED shows that BTC008L is connected to a Bluetooth A2DP device, you can now listen to your music.

3. Why is the sound coming from my car's FM radio noisy?
a) Please make sure your car's FM radio has been set to an unused frequency;
b) Ensure both BTC008L and your car's FM radio use the same frequency;
c) Please make sure BTC008L is in the effective working range.

4. Why can't BTC008L be paired with a Bluetooth device?
a) Please make sure BTC008L is in pairing mode;
b) Ensure BTC008L is in the effective working range.

5. Why can't music be played when connected to a Bluetooth cell phone?
a) Please make sure your Bluetooth cell phone supports A2DP;
b) Ensure BTC008L is in the effective working range.

6. Why can't adjust volume？
BTC008L can't adjust volume when line in m is function.

7. Why can't pause, play, previous song and next song be controlled from BTC008L during music playback?
a) BTC008L can't remote control these functions when playing music from a music player connected to 3.5mm Line in socket;
b) You need to connect a Bluetooth device supporting AVRCP (Audio/Video Remote Control Profile) to BTC008L to remote control these functions. Please make sure your cell phone or Bluetooth transmitter supports AVRCP.

8. How far are the Bluetooth effective range and FM transmit range?
a) According to the Bluetooth standard, the max. controllable range of a Class 2 hands-free kit is 10 meters. But it varies with different environments and paired cell phones
b) FM transmit range is up to 4 meters.

■ Specifications

Bluetooth version	Bluetooth V4.0
Bluetooth profiles	HSP, HFP, A2DP and AVRCP
Bluetooth range	10M
FM frequency range	88.1-107.9MHz,　frequency step：　0.2 MHz
Power supply	DC 12V ⎓ 600mA DC 24V ⎓ 400mA
USB output	DC 5.0V ⎓ 1A
Working temperature	-10～45℃
Storage temperature	-20～60℃
Dimensions	84×46×32mm
Weight	104 g

FCC Warning:

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the 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 radiation exposure limits set forth for an uncontrolled environment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.