

Car Bluetooth FM Transmitter

User guide

Product Introduction

This device is a Bluetooth MP3 player developed for car-used, which equipped with professional high-performance Bluetooth module and MP3 decoder chip.

It can play and transmit the music from TF card to car stereo via FM radio signal.

It can transmit your mobile phone's music to car stereo via Bluetooth.

It can also be used as a hands-free car kit during driving.

This device transmits signal by wireless method, no need to modify anything in car. It can be used both as the music player in entertainment purpose or hands-free car kit in safety purpose during driving.

Product Introduction

- 1.Support Bluetooth hands-free phone calling via its build-in microphone.
- 2.Noise and wind suppressed by CVC technology to create full duplex sound quality.
- 3.Support mobile's A2DP function. Music will be played directly while the mobile phone is connected.
- 4.Mobile phone can be connected automatically when the device turns on.
- 5.Support an external TF card, can play music files in MP3/WMA format.
- 6.Integrated car charger of output 5V – 2100mA, is available for charging handheld devices in car.

Operation Instructions:

1. Device Power-on

- (1). Device turns on automatically when plug its integrated car charger to car cigarette lighter power.
- (2). Select any of a frequency.
- (3). Turn on car FM stereo and select the frequency same as that of the device.

2. Frequency and Volume Adjustment

- (1). This device support frequency of 88.1MHZ-107.9MHZ which can be adjusted by the key of ◀ and ▶.
- (2). Adjust the volume by rotating button and press ⏻ to quit.

3. Playing Music from TF card/U-disk

- (1). Insert the TF card into the device, it will automatically detect and play the MP3/WMA format music in the TF card/U-disk.
- (2). Music selection: press button of ▶ and ▶ to select your favorite songs.
- 4. Connection to Bluetooth Devices:**
 - (1). This device equipped with build-in Bluetooth chip, can connect to other handheld Bluetooth devices.
 - (2). The pairing function will be activated automatically when the device is power on. And search the Bluetooth name of “T19” by your phone to connect.
 - (3). This device has memory function. It will automatically connect once paired successfully first time when power on.

5. Playing Music from Mobile Phone:

- (1). After successfully connecting mobile phone to the device via Bluetooth, play music from mobile phone, the device will wirelessly transmit the signal to car stereo.
- (2). You can operate music playing of Volume/Play/Pause/ Previous/Next on mobile phone, or on the device.

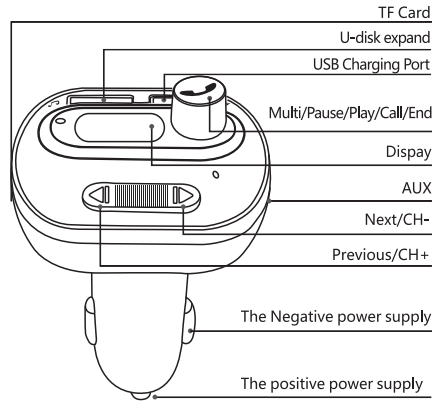
6. Switching Music File Sources

- (1). It can play the music from TF card/U-disk and also can play the music of device by Bluetooth. If there have 2 or 3 devices connected at the same time, it will default the Bluetooth or latter takes precedence.

7. Make/Answer a Call:

- (1). This device can make or answer a call when it connected with your phone by Bluetooth.
- (2). Press ⏻ button to answer an incoming call and press ⏻ button to end the call.
- (3). Double click ⏻ button to activate redialing of a last number.

8.Part Description



Operation Instruction	FM Transmitter
1. How to pair mobile	Plug the device to cigarette lighter power and power on, and then search the Bluetooth name of “T19” by your phone
2. How to play and pause	Press ⏻ button to play, press again ⏻ to pause
3. How to adjust volume	Long tap ▶ to up the volume Long tap ▶ to down the volume
4. How to select frequency	long perss ⏻ 2S enter main menu Rotate ⏻ knob to adjust ,click to confirm Tap ▶ to increase frequency Tap ▶ to reduce frequency
5. How to select music	Press ▶ button to play next song Press ▶ button to play previous song
6. How to answer and end a call	Press ⏻ button to answer an incoming call. Press ⏻ button to end the call Click ▶ to reject the incoming call Double click ⏻ to redial

Bluetooth:
Bluetooth Version: V4.2
Frequency: 20 h ~ 20 KHz
Sensitivity: -42 db+ / 3 db 360
Voltage: 5 v + / -0.5
Working Current: 45mA (Max)
Stand-by Current: 25mA (Max)
Frequency: 2.402 ~ 2.480 GHz
Effective Range: 5 meters
Sensitivity: -92 dBm

Frequencies:
FM:88.1MHZ-107.9MHZ
Effective Range: 5 meters

 **Note:** This device is compatible with most of the mobile phones, except of a few mobile phones that are not available to use parts of above functions.
Product features will be upgraded without any notice.

车载蓝牙FM发射器

使用说明书

本产品为汽车专用蓝牙车载MP3播放器，采用高性能专业级的蓝牙模块，MP3解码芯片。能够播放TF卡里面的音乐文件，通过FM无线发射到汽车音响。

您还可以通过蓝牙连接，把手机里的音乐通过无线传输，传送到汽车音响中。

您还可以把本设备作为一个电话免提系统。在您的驾驶过程中可以自由的通讯。

本设备是通过无线发射的方式发射到您的汽车音响，不需要改装您的爱车，即可让您的驾驶途中享受音乐又可以使用免提手机通话，娱乐安全两不误。

产品特点

- 1、支持蓝牙免提通 话，内置麦克风，便捷安全接听电话。
- 2、通话时噪音处理CVC，风噪声抑制，全双工通话技术。
- 3、支持手机A2DP功能，连上蓝牙后直接播放高品质手机音乐。
- 4、通电开机后自动回连，自动进入配对状态。
- 5、支持TF卡扩展播放MP3/WMA格式音乐。
- 6、自带车载充电器，输出5V—2100mA，可以为手持终端设备充电。

操作说明

1、开机

- (1) 将本设备插入到汽车点烟电源座，通电后会自动开机。
- (2) 通过调整，在本设备上选择任意一个发射频点。
- (3) 打开汽车音响置于FM收音状态，把汽车收音机的接收频率调整和设备的发射频率一致。

2、调节频率和音量

- (1) 本设备支持206个发射频率: 88.1MHZ-107.9MHZ ，可以长按功能键 ⏻ 2S进入调频界面，通过 ▶ 和 ▶ 调整发射频率，每一个进程之间相隔0.1MHz，然后再按 ⏻ 功能键确认并退出。

- (2) 在播放状态下，通过旋转 ⏻ 可以调节音量大小。

3、播放TF卡/U盘 里的音乐

- (1) 将TF卡插入本设备的TF卡扩展槽，本设备将会自动识别并播放TF卡中的MP3/WMA的音乐文件。
- (2) 将U盘插入本设备的USB 接口中，本设备将会自动识别并播放U盘中的MP3/WMA的音乐文件。
- (3) 歌曲选择：可以通过短按 ▶ 和 ▶ 来切换上一曲或者下一曲。

4、连接蓝牙设备

- (1) 本设备内置蓝牙芯片，可以与手持蓝牙设备连接。
- (2) 设备开机后会自动进入蓝牙配对状态，此时使用手持终端设备的蓝牙搜索名为 “T19” 的蓝牙，进行连接。
- (3) 本设备有拥有记忆功能，配对连接后，以后开机后会自动连接，无需再次手动连接。

5、播放手机里的音乐

- (1) 蓝牙连接好之后，可以用手机播放音乐，通过无线传输到汽车音响中。
- (2) 您可以通过手机的操作来控制音乐，同样也可以通过本设备来控制音乐的音量，歌曲的播放/暂停，以及上一曲/下一曲的选择。

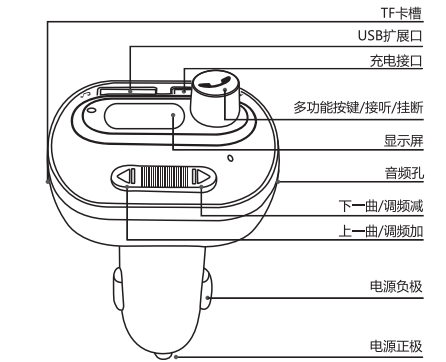
6、切换音乐来源

本设备可以播放TF卡/U盘的音乐，也可以通过蓝牙播放设备里的音乐，如果两者/三者同时存在，将会默认蓝牙或者后者优先。

7、拨打电话

- (1) 蓝牙连接好之后，可以通过本设备和手机配合拨打和接听电话。
- (2) 当有电话呼入，短按 ⏻ 键接听来电，通话状态下，如需结束通话，短按 ⏻ 键结束本次通话。
- (3) 双击 ⏻ 可以重拨最后拨出的一组电话号码。

8、部件说明



操作指南	调频发射器
1、怎么配对手机	把车载蓝牙插到车上点烟器里面并通电，然后用手机搜索蓝牙名为“T19”的蓝牙
2、怎样播放和暂停音乐	短按 ⏻ 按钮播放音乐 第二：短按 ⏻ 按钮暂停
3、如何调整音量	旋转 ⏻ 按钮增加音量
4、怎样设定频率	长按 ⏻ 2s进入调频界面 旋转 ⏻ 调整，短按⏻ 确认 短按 ▶ 按钮增加频率 短按 ▶ 按钮减小频率
5、怎样选定音乐	短按 ▶ 按钮播放下一曲音乐 短按 ▶ 按钮播放上一曲音乐
6、怎样接听和挂断电话	来电时短按 ⏻ 按钮接通电话 通话时短按 ⏻ 按钮挂断电话 来电时短按 ▶ 按钮拒接电话 播放状态下双击 ⏻ 按钮重拨电话

蓝牙

蓝牙版本:V4.2
频率:20 h ~ 20 KHz
灵敏度:-42分贝+ / 3 db 360
电压:5 v + / -0.5
工作电流:45mA (最大)
待机电流:25mA (最大)
频率:2.402 ~ 2.480 GHz
有效距离:5米
灵敏度:-92 dBm

调频

FM: 88.1MHZ-107.9MHZ
有效距离:5米

 **注：**本产品兼容大多数手机，一些手机型号不同，会无法用到部分功能。

产品功能升级，不另行通知。

NOTE: 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 or more 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

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.