


# BT98 105G铜版纸 80x100MM 单色四折页印刷

## Music Tuner /Bluetooth Hands-free Car Kit

### DIY Your Own Taste for In-car Music

#### USER GUIDE



**Brief Introduction**  
Thanks for choosing our Bluetooth FM Transmitter. This device streams music and call directly from your Bluetooth device to your car FM stereo system. The built-in microphone provides you with an amazing hands free function, it is also with a Micro SD card / USB Disk slot that lets you enjoy favorite tunes by your car's stereo system, and most of functions are achieved by the keys. Please read the User Manual carefully before using. Hope this device makes your driving more interesting and safer.

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**Packing contents:**

- FM transmitter\*1
- Instruction manual\*1
- Air outlet bracket\*1
- 3.5MM audio cable\*1
- 4A fuse\*1

**Specification:**

Bluetooth Version:5.0  
Frequency Range: 87.5-108.0mhz  
Frequency Stability: ±10ppm  
Product Input:12-24V  
Dual USB Charger Output: QC3.0+5V/2.4A  
Micro SD Card (max Capacity) :64GB  
USB (max Capacity) :64GB  
Music Format: MP3,WMA, APE,FLAC,WAV  
LED Dimension: 34\*43.7\*2.5mm  
Main body size: 82\*52\*43mm  
Power source size: 92\*38.5\*30mm  
Weight: 120g

**Features:**

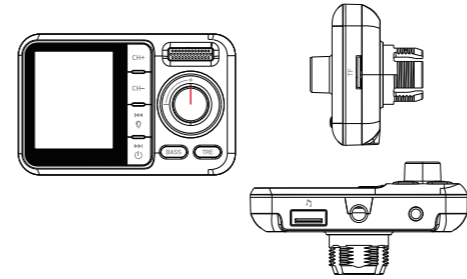
Wirelessly Transmits Phone Call & Audio Streaming to the Car FM Stereo System via Bluetooth. Switch to Hands-free Mode Automatically from Music Streaming Status When Receiving Phone Call. Classical & Retro Design Adds Elegant to Your Car Interior. Bass&Treble Tuner to Customize Your Music Style. Built-in Music Reprocessing Algorithm Guarantees Superior Music Experience. Big Colorful TFT Display. Detects the Voltage of Car Battery When Powered on. Dual USB Charging Ports: QC3.0+5V/2.4A. Support USB Disk Reading: Max 64GB. Support 2 kinds of EQ: BASS- TRE. Multiple OSD language options. Bluetooth Version: Action 5.0. With Line-out Function. Re-dial the Last Phone Number. Announce the Phone Number When Coming a Call.

**Compatibility:**  
This device can be paired as a hands free kit with any compatible Bluetooth 2.1 or higher enabled devices.

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**Precautions:**  
Please read all safety instruction warnings carefully before using this product. Improper use of this product may result in damage to this or attached products. To ensure the products work well, please never use this in the following conditions:

1. Moist or underwater conditions.
2. Conditions near heater or high-temperature service.
3. Conditions with direct and strong sunshine,
4. Conditions with adapter damage
5. Never dismantle the product without due permission, otherwise it may nullify the warranty clause.



**Spin button:**

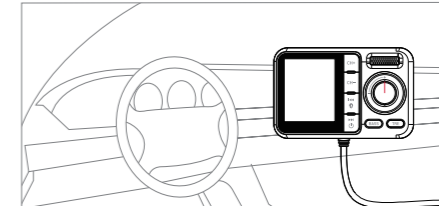
1. Short Press to play music, press again to pause music. Short Press to pick up the calling, press again to hang off the calling. \* The volume of the up knob increases, and the volume of the down knob decreases. \* In the FM state, the up knob FM is increased, and the down knob FM is decreased. \*Light mode, rotate left and right to switch light color
2. Long press to enter the main menu (EQ and Language). Press "EQ" or "Language" to enter the sub-menu.
3. Double press to redial the last number.
4. Long press to reject the calling when incoming a call.
5. During a calling, long press to switch the private calling.

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	Press "BASS" button to adjust bass effect. In "BASS" status, increase or decrease the bass by: 1.Press CH+ or CH- 2.Press previous or next button 3.Rotary the spin button Long press BASS button to switch audio source (Bluetooth /TF/U disk)		Press "TRE" button to adjust treble effect. In "TRE" status, increase or decrease the treble by: 1.Press CH+ or CH- 2.Press previous or next button 3.Rotary the spin button Long press to activate Siri&Google
	Frequency increase		Frequency decrease
	Previous song Long press to enter light mode		Next song Long press to switch on and off the machine
	USB port for reading music & 5V/1A charging		TF card slot
	QC3.0 Charging port		LINE OUT

**Product installation**

- 1.Put the threaded knob on the end of the air outlet bracket.
- 2.Insert the set of air outlet bracket into the round hole at the back of the main unit.
- 3.Tighten the thread
- 4.Open the air outlet bracket and insert it into the car air-conditioning air outlet grille, tighten the screws to the best strength, adjust the angle of the machine, and then use it.

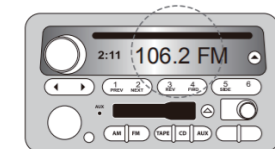


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**User's guidance**


1. FM and Bluetooth pairing  
Note: In order to let you enjoy higher-quality music, you need to adjust the blank frequency of BT98 to be the same as that of the car (non-local broadcast channel) when using it for the first time. Every time you use it, please make sure that the frequency between the transmitter and your car is the same (not the local broadcast channel).  
1.1. Turn the car radio to a blank frequency point (that is, a channel without any broadcasting). The reference is: clear rustling.  
1.2. press the "CH-""CH+" button, the number flashes to enter the FM mode, and adjust to the same frequency as the car radio, such as: FM88.8. Click the "CH-""CH+" button again or wait 3 seconds to exit the FM mode mode
- 1.3. Bluetooth connection:  
A. After power on, the BT98 screen displays the current car battery voltage. After 2 seconds, which means it enters the pairing state, waiting for pairing  
B. Turn on the bluetooth of the smart device, search for "BT98", Click Connect, and you can play music via bluetooth. Usually the connection will be automatically paired but sometimes it will ask you to enter a password. If prompted, enter the initial password "0000".

(When used for the second time, BT98 will connect to the last device connected last time.)



- (1).Find a blank frequency in your car radio (to ensure the sound quality of the device, please first select a blank channel with no local broadcast programs)
- (2). press "CH-""CH+" to enter FM mode  
In FM mode: Left-hand knob button CH-  
Turn the knob to the right key CH+  
In music mode: Left-hand knob button volume V-  
Turn the knob to the right button volume V+
- (3). Enter Bluetooth pairing mode  
Turn on the phone's Bluetooth, search for the Bluetooth name: BT98, click connect, open the music player, and click play to play Bluetooth music in the car.

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**USING THE BLUETOOTH FUNCTION**

- 1.Pair the Bluetooth for the first time, you need to activate your mobile phone's Bluetooth function, and then search the new device. When the mobile phone detects this unit (named as "BT98"), click this name to connect.
- 2.In the music playing mode, simply press the "BASS" and "TRE" buttons to DIY your music. When there is an incoming call, this device will automatically switch to the calling.

**USING THE CHARGING FUNCTION**  
This device with quick charging, One port is QC3.0, Another port is 2.4A. Total 30W. When this unit powered from car lighter socket, connect the USB Charger port to your mobile phone or others device with a special USB cable (not included) for charging.

**USING THE BLUETOOTH CALLING**

- 1.When a call comes in, press the phone button to answer or hang up.
- 2.Long press the phone button to reject the incoming call in Bluetooth calling mode.
- 3.Double press the phone button to dial the last Number automatically.
- 4.When making a call, you can only dial the phone number by your mobile phone, but once the call connected, you can use the hands-free function to enjoy it.njoy it.

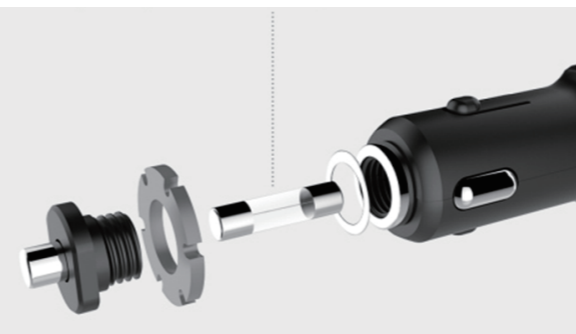
No sound	<ul style="list-style-type: none"> <li>- ChecCheck the volume on the radio ,FM transmitter and the external device</li> <li><b>Connecting via Bluetooth</b> <ul style="list-style-type: none"> <li>- Check the Bluetooth connection</li> </ul> </li> <li><b>Audio cable connection</b> <ul style="list-style-type: none"> <li>- Make sure that the cable is undamaged and properly connected</li> </ul> </li> <li><b>Memory card</b> <ul style="list-style-type: none"> <li>- Check that the memory card works and that there are MP3 files on the memory card, The maximum allowed memory capacity on the card is 64GB</li> <li>- Check that the frequency on the FM transmitter is the same as that on the car radio</li> </ul> </li> </ul>
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The FM transmitter display is black	Check that the FM transmitter is plugged in properly to the 12V car socket
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**Schematic diagram of fuse replacement**

- \* Highly developed security
- \* Innovative fuse tube design and replaceable
- \* It can protect your car and car charger in case of overcurrent.
- \* Comes with a spare fuse



**Detailed accessories**

- Metal washers
- Fuse
- Rubber gasket
- Metal tip screws

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**How to install the fuse?**

1. Rotate the screw on the bottom of the Bluetooth FM transmitter counterclockwise
2. Insert the fuse into the screw hole with the metal tip, the metal on the edge of the fuse will be attached to the metal tip
3. Assemble the rubber gasket
4. Assemble the metal gasket
5. Turn the screw clockwise to the bottom of the Bluetooth FM transmitter

**11. Frequently Asked Questions (Block Diagram)**

11.1. Noise issues  
Solution:  
A. Reduce the volume of the speaker by one third and increase the volume of the smart device  
B. Signal interference. Please switch to another empty white frequency point  
C. Plug and unplug the machine again to restore the initial state and work again

11.2. The other party cannot hear you during a call  
Reason 1: The dialing method is wrong  
solve:  
A. When a call comes in, click the phone button "" to answer the call through the speaker in the car  
B. Activate the phone speaker to answer the call  
Reason 2: The call volume is low  
solve:  
A. Increase the volume of the phone.  
B. The volume of the other party is too low during the call, just ask the other party to increase the volume.  
Reason 3: The microphone is broken  
Suggestion: Contact customer service for help

**Friendly reminder:**  
After receiving the product, do not rush to insert the product into the cigarette lighter jack of the car. After starting the car, first turn on the idle FM radio, and patiently select a blank channel with no local programs on the car radio. The standard is a slight rustle. Then insert the product into the cigarette lighter jack and adjust the FM frequency of the product to be the same as the FM frequency of the car. At this time, the car radio will be very quiet and there will be no static electricity interference. (If it is still not quiet, please try to find a new blank channel again), and finally connect to your phone via wireless. When they are successfully paired, you can listen to songs on your phone and make hands-free calls on your phone.

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Federal Communications Commission (FCC) Statement. 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. 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.

Warning: Changes or modifications made to this device not expressly approved by SAGE HUMAN ELECTRONICS INTERNATIONAL CO., LTD may void the FCC authorization to operate this device. Note: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

**RF exposure statement:**

The transmitter must not be colocated or operated in conjunction with any other antenna or transmitter. This equipment complies with the FCC RF radiation exposure limits set forth for an uncontrolled environment. The installation and use of this product are not restricted.