

## BLUETOOTH FM TRANS W CHRGR User's Manual

### Product Features:

1. Wirelessly transmit phone call from Bluetooth smartphone to car FM stereo system;
2. With automatically calling number system, built-in microphone, convenience and safety for answer the phone;
3. Play with other external audio sources with 3.5mm audio cable;
4. Support USB disk and TF card, A2DP function;
5. Strong and elegant design with 1.44 inch LCD screen display;
6. Auto-switch between music playing mode and bluetooth handsfree mode
7. Input DC 12-24V, USB charging output DC 5V/2.1A, compatible with iPhone/iPod/iPad and other mobiles;

### Operation Instructions:

#### 1. First Time to Use This Device

- (1). The 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 supports 206 frequency channels from 87.5MHz to 108MHz. Press CH button to activate frequency setting menu, rotate "M" or use "H" to set the frequency channel. Press and hold the button for quick setting, or press and immediately release the button for setting with 0.1MHz per interval. After your setting completed, press and

immediately release the CH button to quit the menu. If there is no any operation in 2 seconds, the device will quits the menu automatically.

- (2). Adjust the volume by the key of "Q";

#### 3. Play Music from TF card / U disk

- (1). Insert the TF card / U disk into the device, it will automatically detect and play the MP3/WMA format music in the TF card.
- (2). Plug the U disk into the device's USB port, it will automatically detect and play the MP3/WMA format music in the U disk.

#### 4. Music Play/Pause/Select

- (1). When the device is playing music from TF card or U disk, please press and immediately release "Q" button to pause the music, and then press and immediately release the "Q" button to play the music again.
- (2). When the device is playing music from TF card or U disk, please press and immediately release "K" or "H" button to select previous or next song.

#### 5. Loop Playback Setting

When the device is playing music from TF card or U disk, please press and hold the CH button for 3 seconds to select "Repeat all" or "Repeat songs in the folder"

#### 6. Folder Select

When the device is playing music from TF card or U disk, please press and hold "K" and "H" button to select

folders. After folder selecting completed, the device will play the first song in the selected folder.

#### 7. 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 powered on. With the Bluetooth logo blinking in the display, please search this device with the name of "VM-201", and then connect it.
- (3). This device has memory function. It will automatically connect to its memorized paired Bluetooth device when powered on.

#### 8. Play Music from Mobile Phone

After successfully connecting mobile phone to the device via Bluetooth, you can play the music from mobile phone in car stereo by the wireless signal transmission. You can also operate music playing of Volume/Play/Pause/Previous/Next on mobile phone, or on the device.

#### 9. Switch Music File Sources

This device can play music from TF card / U disk or connected Bluetooth devices. When two or three sources are available, please press and immediately release the M button to select.

#### 10. Bluetooth Hands-free Function

- (1). When there is an incoming call, press and immediately release the "Q" button to answer the incoming call. If

- you want to end the call, please press and immediately release the "Q" button.
- (2). You can re-dial the last calling number by double-press the "Q" button.
  - (3). Reject an incoming call; you can press and hold the "Q" button for 3 seconds to reject an incoming call.

#### 11. AUX Input

- (1). AUX Input: this device supports external audio source input. It can play the audio from MP4, MD, CD by AUX input interface. When the external source connected, the device will play the audio file in car stereo by FM signal.

#### 12. EQ Select

Press the M button until the EQ screen is displayed, then press "K" or "H" or Volume button to select.

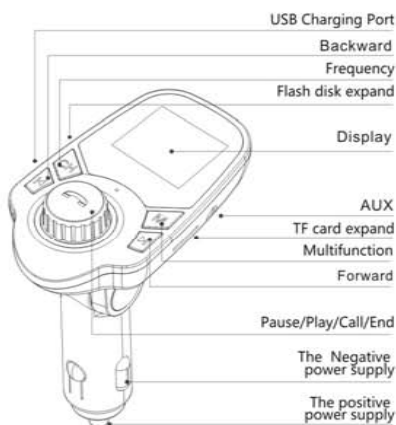
#### 13. USB Car Charging Function

This device has car charging function with voltage output of DC 5V and current output of max 2.1A. The charging output interface is marked as "2.1A".

#### 14. Soft-off Function

You can press and hold the "Q" button for 3 seconds to activate the device's "Deep-sleep" mode. The car charging function is still active in this mode.

### 15. Part Description



#### Bluetooth:

Bluetooth Version: V4.0+EDR  
Frequency: 20 h ~ 20 KHz  
Voltage: 5 v + / -0.5  
Working Current: 60mA (max)  
Stand-by Current: 25mA (max)  
Frequency: 2.402 ~ 2.480 ghz  
Effective Range: 5 meters  
Sensitivity: -89 dBm  
RF Output: 4 dBm  
**Frequencies:**  
FM: 87.5MHz ~ 108.0MHz  
Transmitted Power: 87 dBuV / 107 dBuV  
Effective Range: 2 meters



**Note:** 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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

Product features will be upgraded without any notice.