

## 1) How does this device operate?

The FM transmitter is a FM stereo transmitting configuration, which radiates FM wave on the air by modulating the any required signal to the carrier signal. The transmission frequency is set from 88.1 to 107.9MHz.

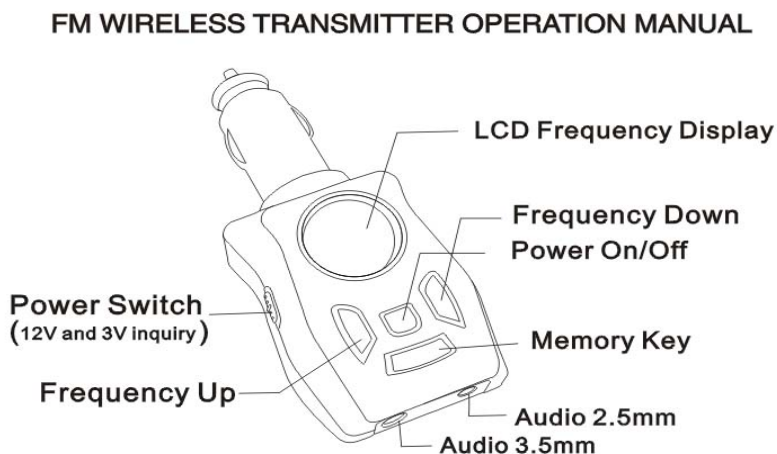
### Operating Instructions:

- Plug the FM transmitter into your car cigarette lighter.
- Connect the transmitter audio input jack to your portable device output jack.
- Turn the frequency of your FM Radio to the same frequency of your FM transmitter.
- To obtain good reception, please tune both your FM Radio's frequency & your FM transmitter frequency to the best possible frequency for the clearer sound by pressing the memory key for a few seconds.
- Save your desired frequency on your FM transmitter for easier use next time.
- For home use, place 2\*AAA batteries into the battery compartment at the back of the unit and switch the 12V to 3V. Follow the same above procedure connecting your transmitter to your portable device.

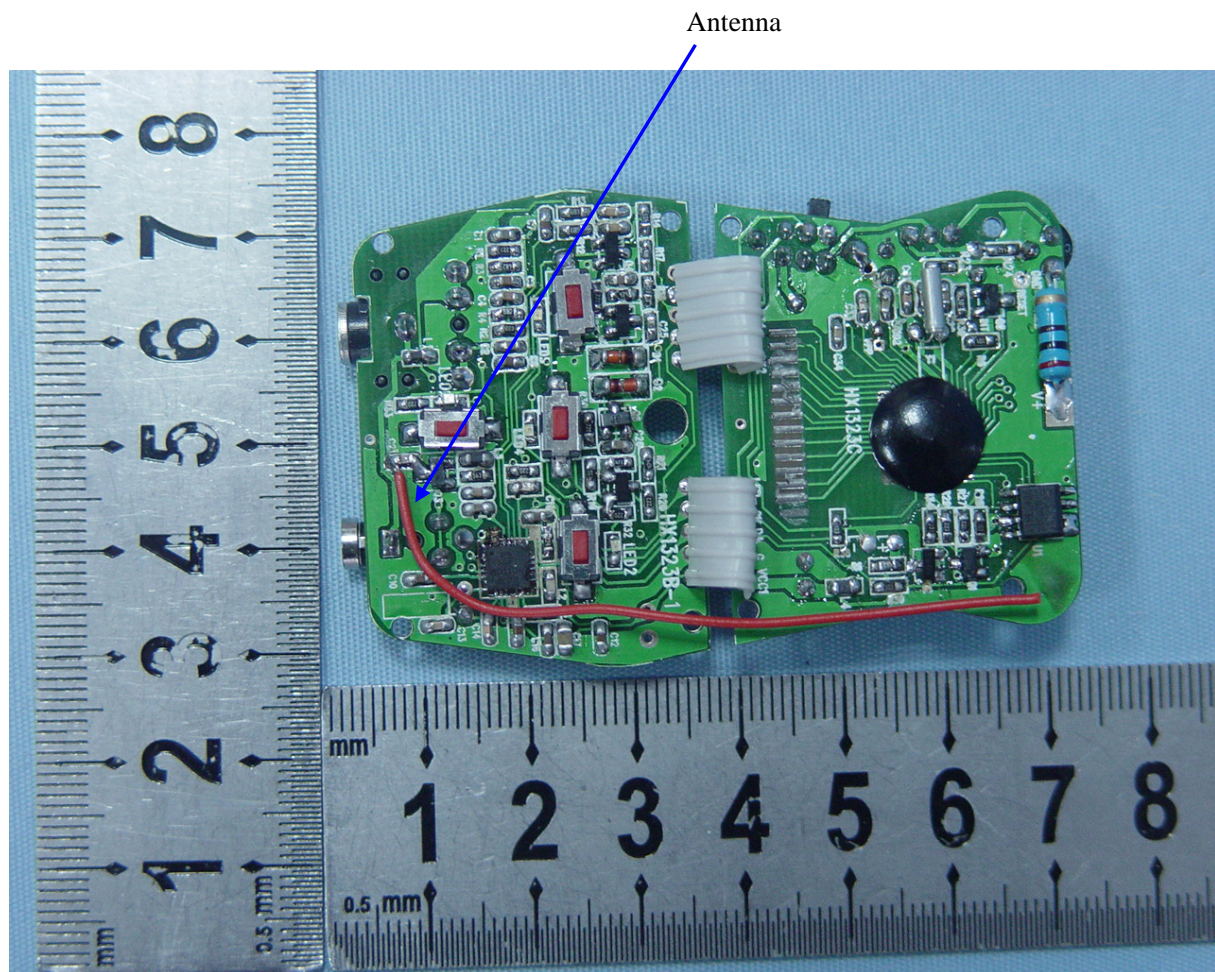
## 2) Provide information on the device and its antenna.

The transmitter has seven parts:

1. LCD Frequency Display
2. Frequency down button
3. Power on/off button
4. Memory key
5. Frequency up button
6. Power Switch
7. Audio Input jack



The transmitter utilizes a dipole antenna. The antenna was soldered to PCB.



3) How is it installed?

The transmitter is powered from DC 12V car battery or  $2 \times$  AAA batteries. It can be connected to iPod headphone jack.

4) What test procedure was used?

ANSI C63.4, the test was performed in a semi-anechoic chamber.

5) If tested in a car, how was it configured/tested?

Not tested in a car, it was tested in a semi-anechoic chamber. **The EUT has been additionally tested / verified and does work in a typical car.**

6) Was the tuning range properly verified? **The test lab should indicate in the report that the tuning controls were manually adjusted to verify maximum tuning range.**

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We selected the low(88.1MHz) mid(98.1MHz) and High(107.9MHz) working frequency to measure the frequency. press the “Frequency Down” button and “Frequency Up” button to select the transmission frequency .

**We have indicated the testing in the test report, see clause 6.**

7) Was the bandwidth properly tested with maximum audio input?

The test was performed with the maximum audio input. And play typical audio signal(‘Highway Blues’ from sample music of windows XP).

We have indicated the operating condition in the test report, see clause 5.3.