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:

Turning on/off the FM Transmitter

This unit is designed to be powered by your iPod. When connected to your iPod, it automatically turns on. When disconnected, it automatically turns off. If there is no audio input signal until 1 minute after connected to your iPod, this unit automatically enters the standby mode. In the standby mode, it stops transmitting and the LCD turns off. If there is an audio signal, it automatically wakes up and starts transmitting the music.

Setting up the Preset Memory

You can store two FM frequencies in the preset memory and easily call them up later by pressing one of the preset buttons. The default frequency for Preset 1 is 90.1MHz, and 98.1MHz for Preset 2. To change the default preset frequencies with other frequencies, follow the instructions below:

1. Connect the FM transmitter to your iPod. The LCD screen turns on.
2. Select a frequency using the “<” (Frequency Down) and “>” (Frequency Up) buttons.
3. Press and hold “•” (Preset 1) button until the selected frequency display blinks.
4. Select a frequency using the “<” (Frequency Down) and “>” (Frequency Up) buttons.
5. Press and hold “••” (Preset 2) button until the selected frequency display blinks.

Transmitting Your Favorite Songs to a Nearby FM Radio

1. Connect the FM transmitter to your iPod.
2. Play a song on your iPod.
3. Press one of the preset buttons.
4. Tune your FM radio to a FM frequency stored on the selected preset memory, and listen to your favorite music.

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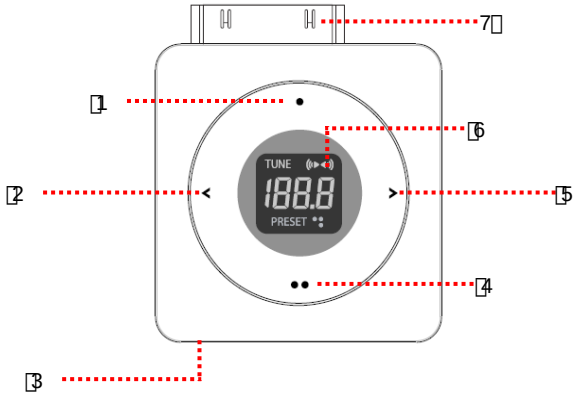
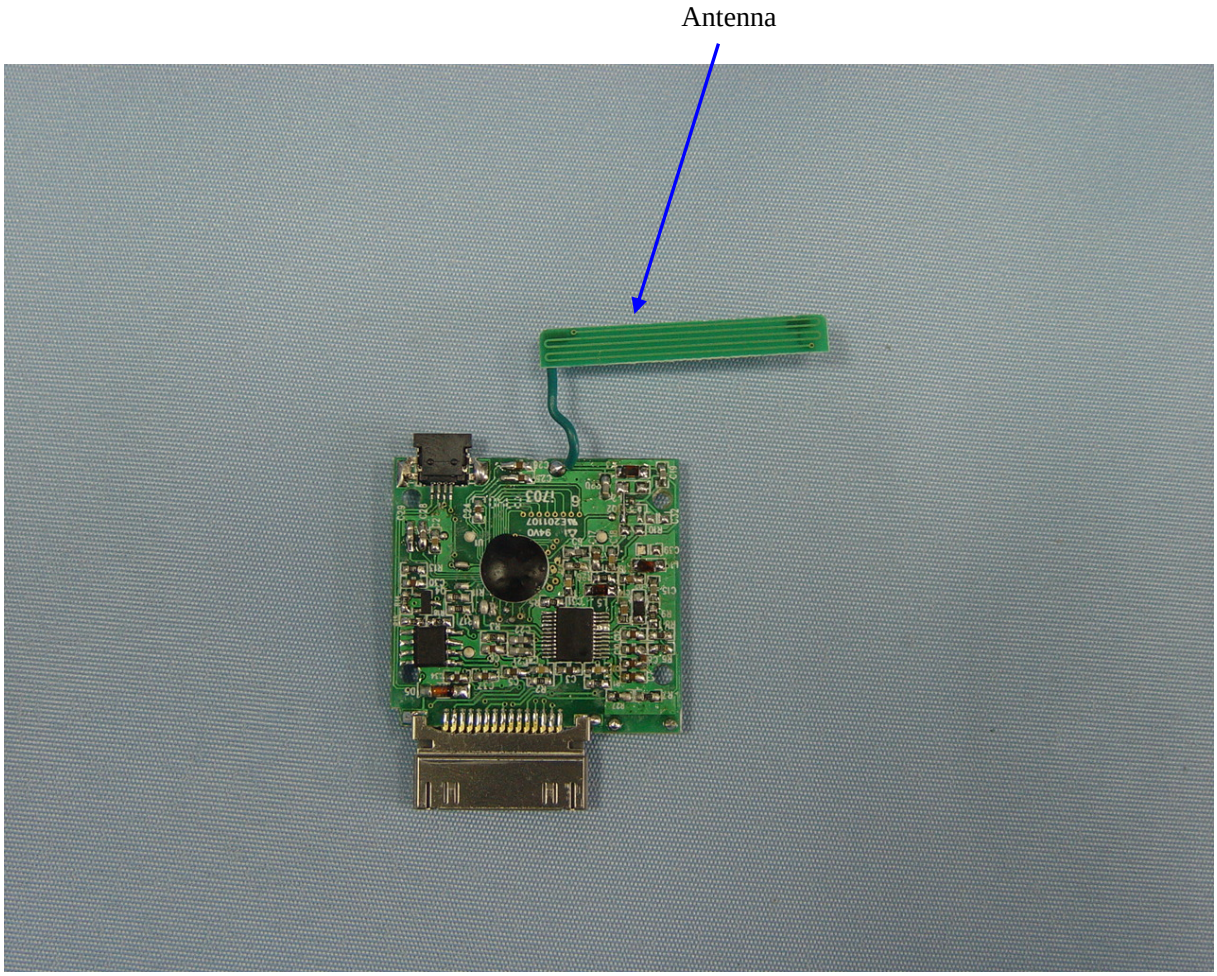
2) Provide information on the device and its antenna.

The transmitter has seven parts:

1. • (Preset 1) button
2. < (Frequency down) button
3. Mini USB port
4. •• (Preset 2) button
5. > (Frequency up) button
6. LCD screen
7. 30-pin connector



The transmitter utilizes PCB Layout as antenna. The antenna was soldered to main board.



3) How is it installed?

The transmitter is powered from iPod. It can be connected to iPod 30pin dock.

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.

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.

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