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.

Car Setup Instructions

1. Turn down your car stereo's volume.
2. Connect the FM transmitter to your iPod (at the bottom of the iPod)
3. Connect the included Auto Power Cord to your cigarette-lighter outlet in your car and the bottom of your FM transmitter for optional powering and charging in the car.

Using the FM Transmitter

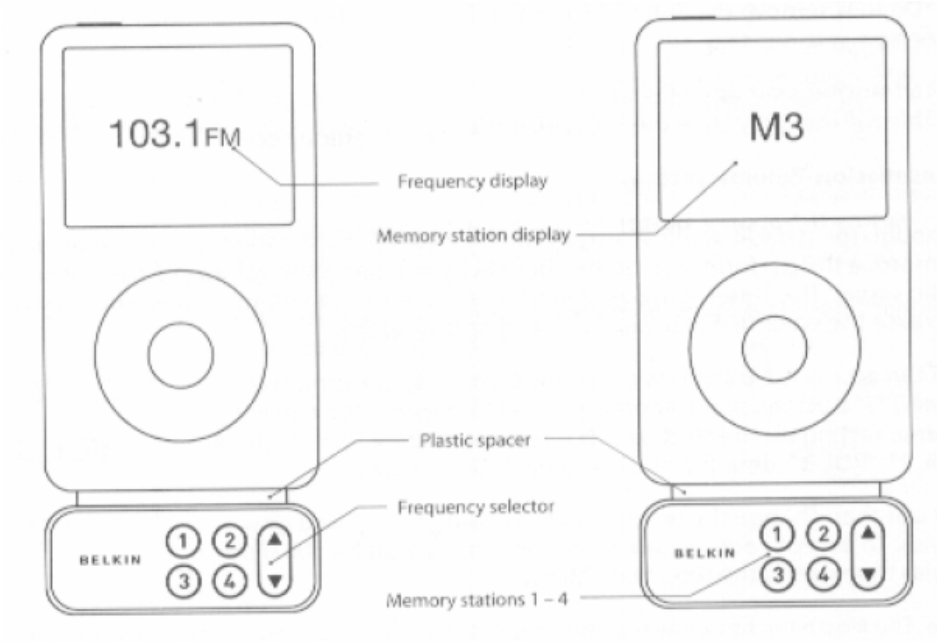
The FM transmitter function automatically turns on when the iPod is connected. It automatically turns off when the iPod is removed.

1. Tune your stereo frequency to a channel with a weak broadcast signal. The ideal channel is one that is not broadcasting a radio program, or is doing so weakly.
2. Insert the FM transmitter to your iPod. The iPod backlight will turn on and the current transmitter frequency will be displayed on the iPod screen.
3. Press the ▲ or ▼ button on the FM transmitter to select the transmission frequency chosen in step 1. The frequency will be visible on the iPod's screen. Pressing and holding either button will provide faster tuning.
4. After displaying the current frequency for five seconds, the iPod screen will return to the iPod main menu. This happens whenever you make changes to the FM transmitter's settings.
   Note: iPod playback will pause momentarily when entering and exiting the FM transmitter control menu. Playback will quickly resume.
5. Adjust the volume of your FM radio to the desired listening level.
   Note: We recommend that you remove the FM transmitter from the iPod when not in use.
6. To store a preset, select the desired frequency using ▲ or ▼ button. Press and hold the desired preset button (1,2,3,or 4) for two seconds. An audible beep sounds in the transmitted audio when the new frequency is programmed. The iPod display reflects the change when the memory button is released by showing which memory button was pressed followed by the frequency saved in that memory position.
   Do NOT remove the FM transmitter from the iPod until it returns to the Main Menu screen or new settings may not be saved.
7. To transmit over one of your preset frequencies, momentarily press "1", "2", "3", or "4".This will instantly tune the FM transmitter to the frequency stored in that preset.

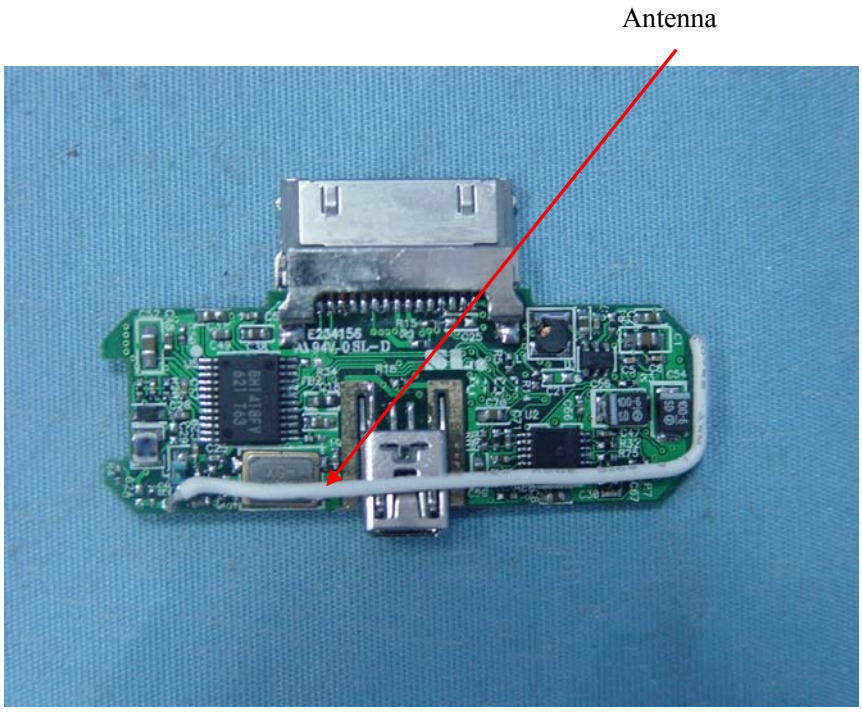
2) Provide information on the device and its antenna.

The transmitter has three parts:

- Plastic Spacer (for use only when your iPod is not in case)
- Frequency Selector
- Memory Stations 1-4

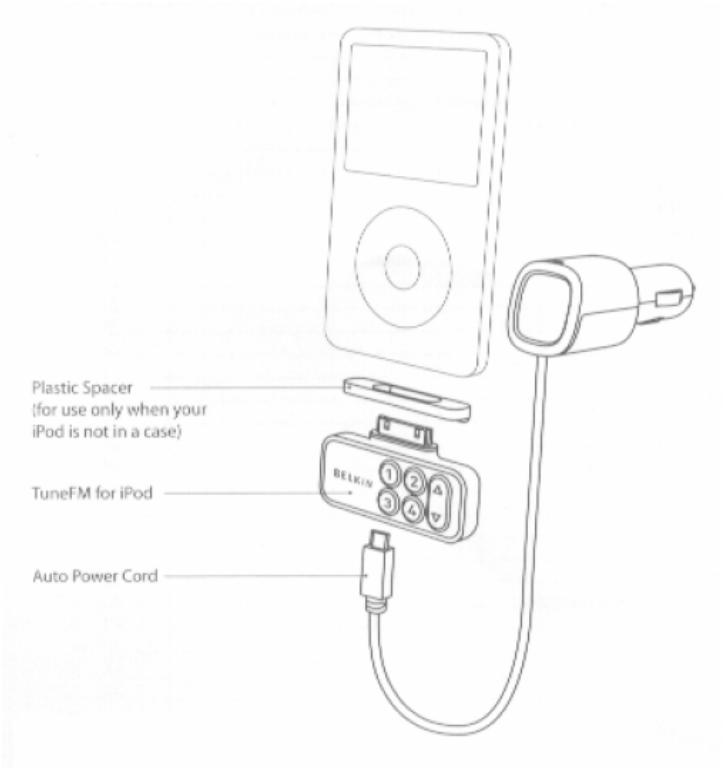


The transmitter utilizes a wire as dipole antenna.



3) How is it installed?

1. Connect the FM transmitter to iPod (at the bottom of the iPod)
2. Connect the included Auto Power Cord to cigarette-lighter outlet in car and the bottom of FM transmitter for optional powering and charging in the car.



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, frequency interval is 0.1MHz.

We selected the low (88.1MHz) mid (98.1MHz) and High (107.9MHz) working frequency to measure the frequency. Press the frequency selector 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 (music song).

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