

1) How does this device operate?

TUN-IP-200005 is a digital tuning FM transmitter with a FM transmitter, a 30 PIN connector, a USB Connector, a USB line, a MCU controller, a LCD display, an CMOS RAM, as well as an audio detector, in addition to one knob which are used to turn the proper FM frequency.

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:

Connecting the FM Transmitter

Connect the FM transmitter to iPod through the iPod dock connector. When the iPod is connected, the FM transmitter backlight will automatically be turned on. This will automatically be turned off to minimize the power usage.

Adjusting the FM Frequency

Set the FM frequency by using the frequency wheel on the right hand side. The selected frequency will be displayed in the screen.

To listen to music in the car speakers or FM radio, simply look for the same frequency in radio. The FM transmitter memorizes the last set station, So there is no need to re-adjust the stations every time. For best results, The FM transmitter and radio antenna should be no more than 5 meters apart.

Auto-Sync with the FM Transmitter

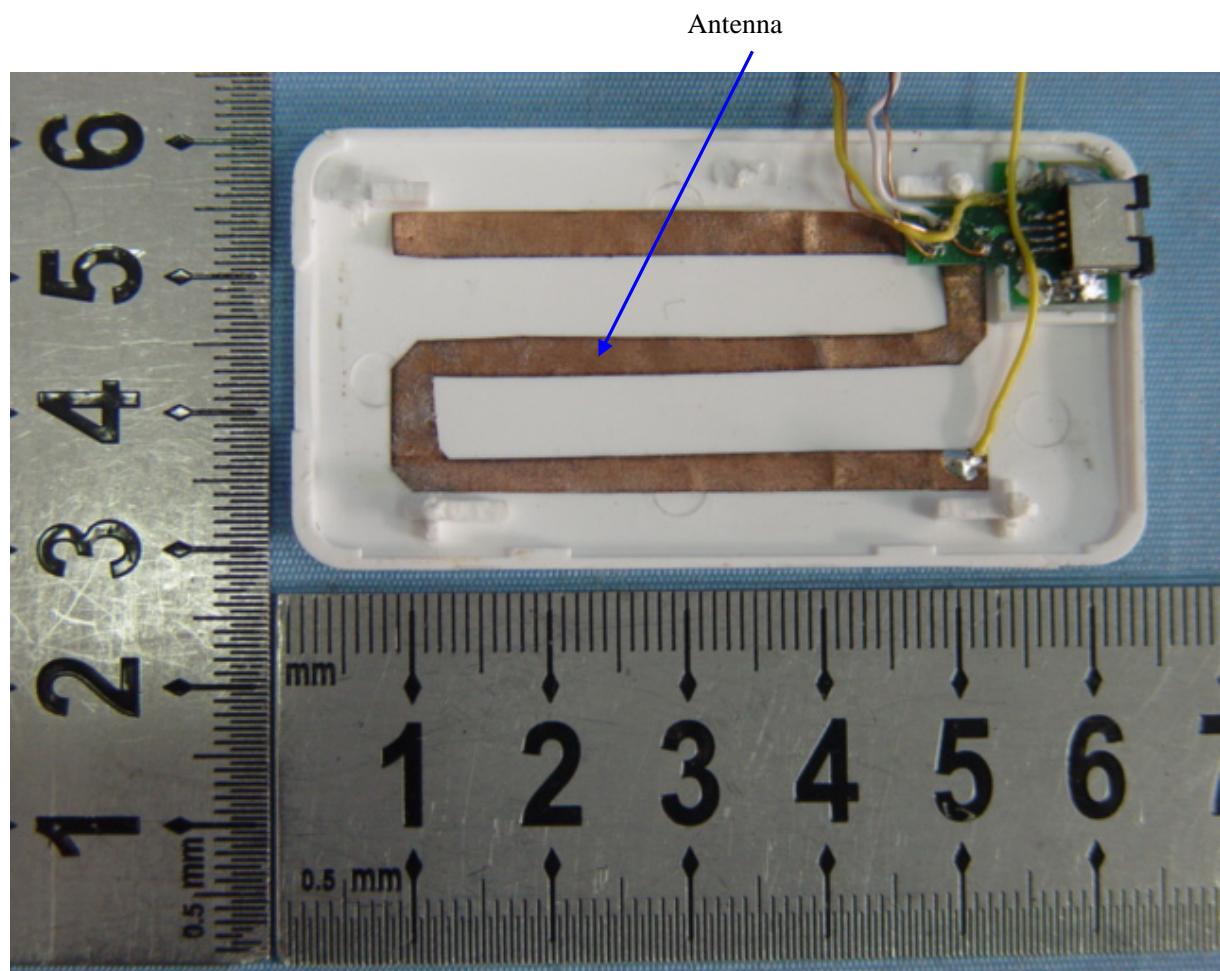
Connect the USB cable to the FM transmitter and computer to sync music and files. While syncing, can not listen to the iPod music.

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This product can be powered by iPod.

2) Provide information on the device and its antenna.

This product is designed to power & charge iPod and transmits audio from iPod to radio stereo.

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



3) How is it installed?

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

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.

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. tune the knob 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.