

# IP 9303 FM Transmitter

## Instruction Manual

FM Transmitter is designed for the iPod/mini iPod console. When you go out by car, you can use it conveniently, it can transmit the audio signal to your FM radio with your car or other radio speaker system at home, you can enjoy the song with the car speaker system or other radio speaker system.



### Features

1. Digital frequency selection allows stable and clear transmission
2. Battery Free operation, power supplied by iPod/mini iPod console
3. LCD display the frequency
4. Memorize radio channel, keep interfere from other FM signals

### Operation

1. Remove the protect film on the cover
2. Turn off iPod/mini iPod console before connection FM Transmitter
3. Plug the FM Transmitter to iPod/mini iPod console
4. Turn on iPod/mini iPod
5. Press the Up or Down button, select the radio transmit frequency
6. Match your FM Transmitter and the radio speaker system in the car or at home to the same frequency
7. The sound will be broadcasted with your radio speaker system once the frequency of radio is the same
8. Adjust the volume of iPod/mini iPod to get better sound.
9. Using MEM button to memorize the desire radio channel for next time use
10. Turn off the iPod/mini iPod before unplug the FM Transmitter
11. Unplug the FM Transmitter from iPod/mini iPod console when it is not to be used
12. Store and overwrite the channel:
  - Choose the desire frequency by pressing UP or DOWN button
  - Press and hold the MEM button until the "M" appears and a number flashes below it
  - Choose the desire number of channel and press the MEM button for confirmation

### Specification

1. Input Voltage: DC 3.3V 40mA
2. Built-in Antenna
3. High-stability crystal oscillator
4. Phase-lock loop control
5. FM Stereo transmission
6. Radio Frequency Range: 88.1MHz-107.9MHz
7. Frequency Response: 20Hz to 20KHz
8. Stereo separation: -45db at the 1M
9. Signal distortion: <5%
10. Station Memory Preset: 10 Channels
11. Maximum receivable range: Within 6 meters

### Precautions

- Avoid using the FM Transmitter with any devices simultaneously except iPod/mini iPod console and Radio speaker system
- Storage temperature is less than 60 degree
- Use other FM Transmitter, please remove the FM Transmitter
- If no use it for a long time, please remove the FM Transmitter from the top of iPod/mini iPod
- Do not dispose the FM Transmitter director for a long time
- Do not use it in the extreme cold and extreme hot.

Date: 6/1/05

**Federal Communication Commission Interference Statement:**

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 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.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

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.