

iLuv™

FM Transmitter



Instruction Manual

i703

Please read this manual carefully before operating and save it for future reference.

Have a question? Please visit <http://www.i-Luv.com>

USER SAFETY GUIDE

YOU CAN HELP TO PROTECT THE ENVIRONMENT!

Please remember to respect the local regulations: Hand in the non-working electrical equipment to an appropriate waste disposal center.

**Important Safety Warnings**


1. FCC regulations state that any change or modification to the equipment, not expressly approved by maker or its authorized parties, could void user's authority to operate this equipment.
2. To prevent fire or electric shock, do not expose the unit to rain or moisture.
3. Never attempt to open the cabinet. Always refer servicing to a qualified technician.

Important Safety Instructions

1. **READ INSTRUCTIONS** - All the safety and operating instructions should be read before the appliance is operated.
2. **RETAIN INSTRUCTIONS** - The safety and operating instructions should be retained in a secure place for future reference.
3. **HEED WARNINGS** - All warnings on the appliance and in the operating instructions should be upheld.
4. **FOLLOW INSTRUCTIONS** - All operating and use instructions should be followed.
5. **WATER AND MOISTURE** - The appliance should not be used near water. For example: near a bathtub, kitchen sink, laundry tub, and/or swimming pool.

USER SAFETY GUIDE

Important Safety Instructions – Continued

6. **HEAT** - The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
7. **POWER SOURCES** - The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.
8. **CLEANING** - The appliance should only be cleaned with a dry cloth.
9. **OBJECT AND LIQUID ENTRY** - Care should be taken so that objects do not fall and liquids are not spilled into the device's openings.
10. **CARTS AND STANDS** - The appliance should be used only with a cart or stand that is recommended by the manufacturer. An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn causing possible injury to the user and/or damage to the unit. 
11. **DAMAGE REQUIRING SERVICE** - The appliance should be serviced by qualified service professional when:
 - a. Objects have fallen into, or liquid has been spilled into the appliance's apertures.
 - b. The appliance has been exposed to rain.
 - c. The appliance has been dropped and suffered damage.
 - d. The appliance does not appear to operate normally, or exhibits a change in performance.

USER SAFETY GUIDE

Important Safety Instructions – Continued

12. **SERVICING** - The user should not attempt to service the appliance beyond what is described in the user's operating instructions. All other servicing should be referred to qualified service professional.
13. **LEAD AND MERCURY** - This product may contain lead and/or mercury. Disposal of these materials may be regulated by your local authorities due to environmental considerations. For more detailed disposal or recycling information, please contact your local authorities or the EIA (Electronic Industries Alliance) – <http://www.eiae.org>

Additional Safety Instructions

- When not in use, keep your device in a safe place where it will not be bent or crushed.
- Do not listen to music with high volume while driving. Warning horn sounds may not be heard which could result in a traffic accident.

NOTE: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. Refer to 47 CFR Sec. 15.21.

About Electromagnetic Interference (EMI)

This device is designed and manufactured not to exceed the exposure limit for radio frequency energy, which is set by the Federal Communications Commission of the U.S government.

USER SAFETY GUIDE

About Electromagnetic Interference (EMI) – Continued

The term "EMI" is short for the electromagnetic interference caused by the electromagnetic field generated by electronic devices. In fact, most electrical appliances and devices emit electric and magnetic fields, and most of modern electronic devices are susceptible to electromagnetic interference (EMI) if they are inadequately shielded or designed.

- If you use any personal medical device, such as a pacemaker, please consult the manufacturer of the device to determine if it is adequately shielded from electromagnetic interference. Your physician may assist you in obtaining this information.
- Please turn off this device if you are instructed to do so, especially on an airplane and in a hospital.
- Please keep away from the medical instruments in a hospital or medical unit while using this device.

FCC Notices to U.S. Users

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. Refer to 47 CFR Sec. 15.19.

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.

USER SAFETY GUIDE

FCC Notices to U.S. Users – Continued

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, which can be determined by turning the equipment off and on, the user is encouraged to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to 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.

Industry Canada Notice to Canadian Users

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 of the device. Refer to IC RSS 210 Sec. 5.11. The term "IC" before the certification or registration number only means that the registration was performed based on a Declaration of Conformity and that Industry Canada technical specifications were met. It does not imply that Industry Canada (IC) approved this equipment. Refer to Self-Marking 6(f) and RSP 100 Sec. 4.

GETTING STARTED

Thank you for purchasing the i703. Unpack the unit and make sure all the accessories are put aside so they will not be lost.

Be Free from Headphones and Share Your Music with Your Friends.

- Transmit your favorite songs on your iPod® to a nearby FM radio
- Supports the wide frequency range (88.1MHz to 107.9MHz) with the step size of 0.1MHz
- You can charge or synchronize your iPod without disconnecting i703
- Enjoy easy digital FM tuning with PLL technology
- Preset memory for up to 2 FM stations
- LCD screen with the white backlight
- Compact and easy-to-use design
- Powered by iPod

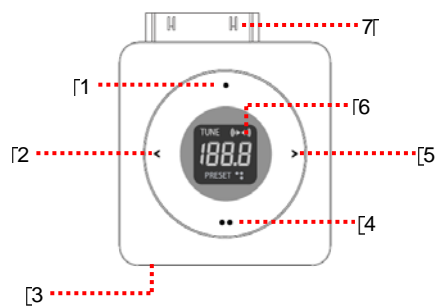
What's Included?

- FM transmitter
- USB cable
- Instruction manual
- Warranty card



GETTING STARTED

Location of Controls



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

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 minutes 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.

OPERATING INSTRUCTIONS

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.

Note: Do not listen to music with high volume while driving. Warning horn sounds may not be heard which could result in a traffic accident.

Helpful Tips on Getting the Clearer Sound

- An FM transmitter employs frequency modulation to transmit a song to an FM radio, and it can be disturbed by a nearby strong FM broadcasting. Thus, before transmitting a song using this unit, it is very important to select a clear FM station, which has no other broadcasting which renders only static noises.
- The sound quality of a FM transmitter also depends on the direction of its built-in antenna and its surroundings. If you hear some static noises while listening to music using the FM transmitter, rotate or move the FM transmitter around until you get a clearer sound.
- If a battery is low, the sound quality may also be poor. In this case, charge your iPod first and try it again.

OPERATING INSTRUCTIONS

Turning on/off the Backlight

To turn on the backlight, press any button on the unit. The backlight will turn on for approximately 5 seconds and turn off automatically. It is recommended to press the preset button, which is currently on.

Charging and Synchronizing Your iPod

You can charge or synchronize your iPod without disconnecting the FM transmitter. To do so, connect the mini USB plug of the supplied USB cable to the mini USB port located at the bottom of the FM transmitter. Connect the other end of the USB cable to your computer or USB power adapter. Your iPod will be charged or synchronized as usual.

OPERATING INSTRUCTIONS

Specifications

- Modulation: FM Stereo
- Tuning Type: PLL (Phase-Lock Loop)
- Oscillating frequency: 16MHz
- Frequency Range: 88.1MHz – 107.9MHz (Step: 0.1MHz)
- Frequency Response (Audio): 80Hz – 20kHz
- Audio Input Level: 800mV
- Total Harmonic Distortion: 2.0%
- Transmitting Power: ≤ -43 dBm
- Transmitting Range: ≤ 33 ft (Limited by FCC)
- Power by iPod
 - Operating Voltage: 2.7V – 3.5V
 - Operating Current: 35mA (Max)
- Power Consumption: ≤ 100 mW
- Operating Temperature: -4°F to 122°F (-20°C to 50°C)
- Storage Temperature: 14°F to 113°F (-10°C to 45°C)
- Unit Dimension (W x H x D)
 - 41mm x 40mm x 8mm
 - 1.61" x 1.57" x 0.31"
- Unit Weight: 13 \pm 0.3g

* Features and specifications are subject to change without prior notification. The unit dimensions and weights are approximate.



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