



## 1109 iPhone FM 免提发射器功能、使用说明书

### iPhone FM Handsfree Transmitter Manual

#### 产品规格参数

#### Specification

适用范围：苹果 iPhone

Suitable for: Apple iPhone 4

充电电压：DC  $5 \pm 0.1V$

Charging Voltage: DC  $5 \pm 0.1V$

充电电流： $\leq 500mA$

Charging Current:  $\leq 500mA$

电池容量：180mAH

Capacity: 180mAH

频率范围：88.1-107.9MHz

Frequency Range: 88.1-107.9MHz

发射距离： $\leq 5$  米

Transmitting Distance:  $\leq 5m$

频率响应：100-15000 Hz

Frequency Response: 100-15000 Hz

分 离度： $\geq 38dB$

Separation:  $\geq 38\text{dB}$

信 噪比:  $\geq 50\text{dB}$

Signal- noisy Ratio:  $\geq 50\text{dB}$

工作电流:  $30 \pm 3 \text{ mA}$

Working Current:  $30 \pm 3 \text{ mA}$

重 量: 待测

Weight: pending

颜 色: 白色/红色

Color: white/Red

充电时间: 2 小时

Full Charging Time: 2 hours

工作时间: 约 4 小时

Working Time: about 4 hours

工作温度:  $-10^{\circ}\text{C} - +40^{\circ}\text{C}$

Working Temperature:  $-10^{\circ}\text{C} - +40^{\circ}\text{C}$

储存温度:  $-20^{\circ}\text{C} - +50^{\circ}\text{C}$

Storage Temperature:  $-20^{\circ}\text{C} - +50^{\circ}\text{C}$

## 功能简介

### Function Intruction

#### 1. FM 发射及通话免提功能

FM Transmitter and handsfree function

2. 可以将苹果 iPhone 中播放的音乐信号以 FM 方式无线发射出去，用收音机来收听。并且能将手机通话的对方声音在用收音机来播放，实现免提通话。

The music in iPhone can be transmitted wirelessly by FM with radio. Also others' voice of calling can be played by radio loudspeaker, so it can be hands free.

## 使用说明

### Manual

此产品可以将苹果 IPHONE 播放的音乐信号无线发射出去，并能实现免提通话  
Music of Apple iPhone can be transmitted wirelessly by this device, and also it can be hands free.

#### 1. 在开关打开状态下

##### Power on Status

1> 当接上 iPhone，但是不播放音乐，LCD 显示和发射会在 2 秒后关闭。然后只要播放音乐，就会自动打开显示和发射，背光也会亮 7 秒。待机就插在 IPHONE 上面，来电话的时候，iPhone 会有铃声，发射会自动打开。这样比较省电，也可以避免没电话的时候，收音机一直工作，会有噪音。

When iPhone is connected without playing music, LCD displaying and transmitting will be off 2 seconds later. When music is playing, they will be on automatically, and background light will be on for 7 seconds. For standby, just connect the device to iPhone, and iPhone rings when calling coming, transmitting will be on automatically. It cannot only conserve energy, but also avoid noise when radio is working without coming call.

2> 当不接上 iPhone，在开关打开状态下，没有操作 2 秒后，LCD 显示和发射会关闭。处于待机状态，在不使用时最好关掉电源开关。

When device is on, and iPhone is not connected, LCD displaying and transmitting will be off 2 seconds later if no operation. We suggest to power off the device when it is idled.

## 2. “+” / “-” 按键: 短按加减 0.1M, 按住快速调节频率

“+” / “-” buttons: short press for 0.1MHz/ step, long press for fast adjusting the frequency.

## 3. 电池符号

### Battery Mark

1> 在没有充电模式下, 开机是没有显示电池符号的, 在电池快没有电时, LCD 显示暗并且自动关机, 表示提示要充电了。

No charge mode: LCD displaying will not show battery mark when device is on.

When battery is running out, battery mark will be displayed, and LCD turns dark, then it needs to be charged.

2> 在充电模式下, 显示电池符号一直在闪动。表示正在充电. 电池充满后, 电池符号不闪。（注意当电池符号不闪时, 表示充满, 但当拔掉充电器又插进充电器时, 电池符号又会显示出来要再充 15 分钟左右才会不闪。这是为充分充满电池而设计延时电路）。

Charging mode: battery mark is flashing when charge, and will be stopped when full charged. (Please note: device is full charged when batter mark is not flashing, but if charger is disconnected and re-connected, that mark will be flashing again for about 15 minutes for trickle charging).

## 4. 发射

### FM Transmitting

1> 将本产品 4 极插头插入苹果 iPhone 顶部耳机接口。

Plug the item into iPhone earphone hole.

2> 打开产品上的电源开关, 产品通电开机

Turn on the item, it will be started up.

3> LCD 显示, 背光电亮, 显示的频点是上次关机前使用的频点。

LCD indication, last frequency will be indicated on LCD.

4> 按动左右两侧的频率加、减开关可以调节发射频点。

Press + or - button on 2 sides to adjust the frequency.

5> 将 iPhone 中的音乐文件打开播放。

Play the music in iPhone.

6> 调节汽车收音机到干扰比较小的频点，把发射器调节到相应的频点，即可收听到清晰的音乐。

Turn the frequency in car to the disturbance-free one, make sure the frequency of transmitter is the same as in car, so clear music can be played.

## 5. 免提通话

### Handsfree

1> 在使用 FM 发射功能的同时,需保证 iPhone 的电话功能正常工作。

When using FM transmitting, make sure the calling function of iPhone is available.

2> 此时如果 iPhone 来电话，按接听键接听电话，对方的通话声音就会通过本产品无线发射到收音机中来收听到。

When call is coming, press “Accept” button, other’ s voice will be heard from loudspeaker of radio in car through this item wirelessly.

3> 把 iPhone 保持在半米内，直接讲话，就可以使对方听到声音。

Keep iPhone within 0.5m distance, talk to the phone, you will be heard.

4> 如果对方声音太大，请调节 iPhone 音量或者收音机的音量，以避免损伤听力

Please turn down the volume of iPhone or this item to prevent hearing loss.

## **FCC Note:**

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.

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 or more 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.

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.