

[How to improve performance for the connection : MP3, PMP, mobile phone, etc.]

[Product name] FM Transmitter  
 [Model name] F4H  
 [The cross-party certified] CNAPS  
 [Manufacturer's month and year] 2008.06  
 [Manufacturer / Manufactur Country] Ubimate/KOREA  
 [Operation frequency] 88.1~107.9 MHz  
 [Channel]

Channel	1	2	3	....	96	97	98	....	197	198	199
Frequency (MHz)	88.1	88.2	88.3	....	97.6	97.7	97.8	....	107.7	107.8	107.9

[Oscillation type] PLL(Phase Locked Loop)

[Emmission type] F3E

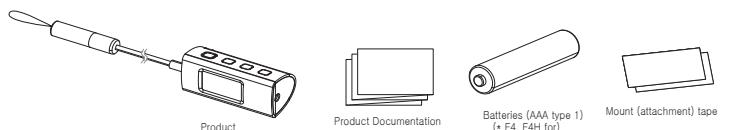
[Operation temperature] -10°C ~ 50°C

[Storage temperature] -10°C ~ 60°C

Notice

ppyle  
 FCC Statement  
 Product : FM Transmitter Model No : F4H  
 FCC ID : XBOF4H  
 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, this  
 including interference that may cause undesired  
 operation.

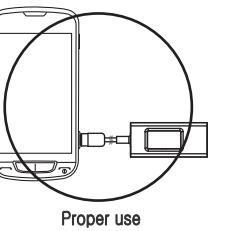
[Component] Components may change without any notice to improve performance and product quality



**Note**  
 For international radiator shall caution the user that changes or modifications not  
 expressly approved by the party responsible for compliance could void the user's  
 authority to operate the equipment.

**Caution**  
 The use of a permanently attached antenna or of an antenna that user a unique  
 coupling to the intentional radiator shall be considered sufficient to comply with  
 the provisions of required this section.  
 The manufacturer may design the unit so that broken antenna can be replaced  
 by the user, but the use of a standard antenna jack or electrical connector is  
 prohibited.

- 1) Connect F4H audio plug to the audio output terminal (earphone jack).  
 (Target device : MP3P, PMP, mobile phone, etc)
- 2) Set the F4H frequency, same as the FM frequency of car audio or home audio.  
 (Select frequency that does not overlap with the air wave broadcasting frequency)
- 3) Enjoy the sound of device through car audio or home audio.  
 (Adjust the volume using the audio volume)
- 4) For user convenience, it is possible to set and store four frequently used frequencies.



[Precautions for safety]

Product Safety

The following conditions may cause the device to malfunction and/or incur permanent damage.

Safety Precautions

- | Keep the device out of direct sunlight and away from extreme heat and cold temperatures.
- | Do not place objects on top of the device.
- | Do not open the device, dismantle and/or insert any object into the device or the factory warranty will be void.
- | Consult a factory authorized repair center should you sense some malfunction.
- | Do not expose your player to rain (water), beverages, chemicals, cosmetics, etc.
- | Do not clean the device with chemicals or detergents. Wipe clean with a soft cloth.
- | Do not press more than two buttons simultaneously or the device may cease operation.

Usage Precautions

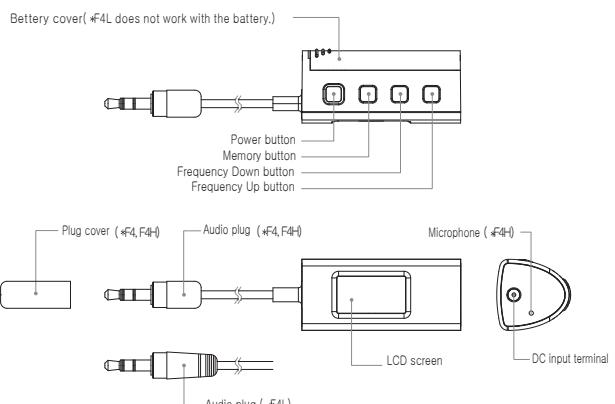
The following conditions may cause injury, malfunction, and/or damage.

- | Reduce the volume or stop using the device if you experience a ringing in your ears.
- | Do not use this device at a high volume for extended periods of time.
- | Remove the battery from the device if you do not plan to use the device for a long time.
- | Do not touch the device with wet hands or electric shock may occur.
- | Keep the device away from harsh environments including those with high humidity, dust, or smoke.

FM TRANSMITTER series  
F4

(Specific product will indicate and the model name)

[Each department name]



[Features and How-to use]

Power

Remove the battery cover located on back of the device. Insert one AAA-sized battery into the holder.

Connection

The device is capable of connecting various portable electronic devices such as MP3 player, portable GPS, etc.

Frequency Tuning

Using the buttons choose the channel you wish to listen to. (channel frequencies range 87.6MHz~107.9MHz)  
 Now, turn on the car's FM radio, and tune the radio frequency to the same frequency of the transmitter.

Mute

Press the button shortly, and sound is muted.  
 Press the button again in mute state, and the sound is restored

Frequency Memory

You can save up to 4 channels.  
 Step 1. First, tune the channel desired using the buttons.

Step 2. Next, press the button approximately two seconds, and the number 1 will flicker on the LCD.  
 Press the button shortly, and then the frequency will be saved.

Step 3. Then, choose the next channel you wish to save using the buttons.   
 Repeat Step 2.

After saving the channels you desire up to 4 selects, if you press the button the numbers (1~4) will be switched in order.

[Special Features and the adoption of technology]

Automatic level adjustment (Auto Level Control) Patent Application No. 10-2008-0035844  
 F4 allows you to enjoy the outstanding sounds, with our automatic volume function which automatically controls the volume of the sound you're listening to without reference to the volume of MP3, GPS, etc.

Automatic mode switching (Auto Mode Change) Patent Application No. 10-2008-0054312  
 F4 allows you to enjoy the outstanding sounds, with our automatic volume function which automatically controls the volume of the sound you're listening to without reference to the volume of MP3, GPS, etc. ( F4, F4 case)

High performance of RF filter Adoption  
 F4 has a high-qualified RF filter that accurately transmits signals without lowering the receiving rate of the DMB, GPS, or any other device.

Super Stereo Sound Technology  
 F4 allows you to enjoy any music clearly with our state of the art sound technology; with extremely clear sounds of high-fidelity audio class you can forget the stress about the noise so easily heard with other types of transmitters.

Howling prevention  
 To prevent howling MEMS microphone (silicon microphone technique) adopted and applied the design space that is available to talk with a clean sound