

## COMPATIBILITY

The Mobile FM Transmitter AFT-100 is designed to work with any portable personal audio device. This means no matter what brand or size of portable device you may have, your Mobile FM Transmitter AFT-100 is compatible. Typical uses for Mobile FM Transmitter AFT-100 include:

- Portable MP3 digital audio players
- Portable DVD players
- Portable CD players
- Laptop Computers
- Portable Mini-disc players

Mobile FM Transmitter AFT-100 is compatible with every audio player, and will broadcast to any FM radio or stereo. Just plug and play anytime you're on the road.

## FCC INFORMATION

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.

**CAUTION:** Changes or modifications not expressly approved by iRiver may void the users authority to operate this equipment.

Email: support@iriveramerica.com  
Website: www.iriveramerica.com  
Phone: 800-399-1799

## PRODUCT SPECIFICATIONS

**MODULATION:** FM Stereo Modulation  
**POWER:** 12V Car Cigarette Lighter Socket  
**FREQUENCIES:** Full FM Band (88.1-107.9 MHz)  
**SEARCH:** Fast forward and Reverse Channel Searching Capability  
**MEMORY:** 3 Presets  
**AUDIO INPUT CONNECTOR:** 3.5mm Stereo Plug  
**NON VOLATILE MEMORY:** Remembers previous frequency used  
**INSTANT-ON:** Turns on when audio detected  
**AUTO-OFF:** Shuts off when there is no audio input for 30 seconds

## AUDIO SPECIFICATIONS

**SIGNAL FORMAT:** Standard FM Stereo Format, 38 KHz subcarrier  
**FREQUENCY RESPONSE:** 15 Hz - 15 kHz  
**SIGNAL-TO-NOISE RATIO\*:** >55dB  
**TOTAL HARMONIC DISTORTION:** 0.25% Maximum  
**STEREO SEPARATION:** >30 dB  
**CHANNEL BALANCE:** +/- 2 dB

\*A weighted

## INTRODUCTION

Thank you for purchasing the Mobile FM Transmitter AFT-100.

Featuring patented wireless technology, the Mobile FM Transmitter AFT-100 is engineered to provide easy listening to your favorite tunes while on-the-road. The Mobile FM Transmitter AFT-100 sends high-fidelity stereo signals from any personal audio device to the car FM radio or stereo within 15 feet.

Simple and convenient, the Mobile FM Transmitter AFT-100 transmits all FM frequencies and provides Instant-On and Auto-Off capabilities. And it works with all portable audio devices.

## WARRANTY INFORMATION

Thank you for purchasing an iriver America accessory.

### 1. Limited Warranty Conditions

This iriver America accessory comes with a 90-day limited warranty against defects in materials and workmanship from the original date of purchase from an authorized agent. The limited warranty is provided to the original owner only and is not transferable to any third party. Proof of purchase will be required for any limited warranty on iriver America accessories. iriver America's warranty covers only those defects which arise as a result of normal use of the accessory, and do not apply to any accessory: (i) which has been repaired or altered unless done or approved by iriver America, (ii) which has not been maintained in accordance with any operating or handling instructions provided by iriver America, (iii) which has been altered or damaged by accident; (iv) which has been subjected to unusual physical or electrical stress, misuse, abuse, power shortage, or negligence or (v) which has been used other than in accordance with the accessory operating and handling instructions.

### 2. Limited Warranty Coverage

Subject to the above conditions, only from the original date of purchase, for exchange of any defective iriver America accessory which is covered by iriver America's warranty. Within this duration, if iriver America receives notice of defect in any iriver America accessory which is covered by iriver America's warranty, iriver America shall either repair or replace the defective accessory at iriver America's option. iriver America shall have no obligation to repair or replace until the customer returns the defective accessory to iriver America according to the Warranty Procedure described at the iriver America web site: <http://www.iriveramerica.com>

### 3. Limitation of Warranty

Neither iriver America nor its third party suppliers make any other warranty or condition of any kind whether expressed or implied, with respect to the iriver America products, and specifically disclaim the implied warranties or conditions of merchantability, satisfactory quality, and fitness for a particular purpose.

### 4. Limitation of Liability

Except for the limited obligations specifically set forth in this warranty statement, in no event shall iriver America or its third party suppliers be liable for direct, indirect, special, incidental, or consequential damages, whether based on contract, tort, or any other legal theory and whether advised of the possibilities of such damages.

## BEFORE YOU BEGIN

Read these instructions thoroughly before setting up your Mobile FM Transmitter AFT-100. If you need any assistance, please contact customer service at:

800-399-1799 or submit an email request to: support@iriveramerica.com.

PLEASE REMEMBER THAT IT IS UNSAFE TO INSTALL AND TUNE UNIT WHILE VEHICLE IS IN MOTION.

Made in CHINA

Copyright © 2003-2004, Aerielle, Inc. All Rights Reserved.

Covered under U.S. Patent No. 6,671,494 and other U.S. and Foreign Patent Pending applications.

Designed by Aerielle, Inc.



## SETUP PROCEDURE

Setting up your Mobile FM Transmitter AFT-100 is an easy procedure. Simply:

1. Insert the FM Transmitter AFT-100 into the automobile cigarette lighter or power socket. Firmly push the unit securely into the socket.
2. Tune your car's FM stereo to an unused FM frequency.
3. Plug the 3.5mm stereo cable into the Audio-Out connector or the headphone jack of the audio source you wish to use.
4. Start your personal audio device. Your Mobile FM Transmitter AFT-100 will turn on instantly when audio is detected. When there is no audio input for 30 seconds, the Mobile FM Transmitter AFT-100 will turn off automatically.
5. Select the frequency from Step 2 above using the selector arrows (V^A) on the front of your Mobile FM Transmitter AFT-100.
6. Adjust the volume on your audio player for maximum enjoyment. Best results will generally be achieved if the volume level is not set above 50% of maximum.
7. Enjoy your music!

### TIP

**KEEP THE AUDIO LEVEL OF YOUR DEVICE AT 1/2 MAXIMUM VOLUME OR BELOW FOR PREMIUM AUDIO QUALITY. ONCE YOU HAVE TUNED INTO THE FREQUENCY AND BEGUN TRANSMITTING, ADJUST TO MEET YOUR SOUND PREFERENCE.**

\* Some audio sources output level is either too high or too low at the line-out jack. If it is too high, the sound might be distorted. If it is too low, the sound might be too noisy. If this happens, connect the Mobile FM Transmitter AFT-100 to the headphone jack and adjust the volume level on your audio device.

## FEATURES

### INSTANT-ON, AUTO-OFF

The Mobile FM Transmitter AFT-100 turns on automatically when audio is detected. Once audio is detected, the LCD display will light up, indicating that the unit is transmitting the audio signal. If after 30 seconds there is no detection of audio, the Mobile FM Transmitter AFT-100 will shut down and turn off the display lights.

### 3 MEMORY PRE-SETS

### TIP

**THE MOBILE FM TRANSMITTER AFT-100 PROVIDES 3 MEMORY PRESETS TO MAKE CHANGING FREQUENCIES EASY AND CONVENIENT.**

Find a radio frequency with little or no interference, and firmly depress one of the 3 small buttons on the front of the unit, beneath the LCD display. Hold button until display lights on the transmitter blink, typically 2-3 seconds. This will store the frequency into memory. A small indicator bar will appear on display. As you discover additional frequencies throughout your traveling area, store up to 2 more utilizing the remaining buttons.

### TIP

**WHEN YOUR MOBILE FM TRANSMITTER AFT-100 IS TURNED OFF AND RESTARTED, THE MEMORY FEATURE WILL CONVENIENTLY RETUNE TO THE FREQUENCY YOU WERE USING.**

### TIP

**YOUR PERSONAL AUDIO DEVICE WILL NOT AUTOMATICALLY SHUT DOWN. BE SURE TO POWER OFF YOUR PERSONAL DEVICE BEFORE EXITING YOUR VEHICLE, ESPECIALLY IF YOUR DEVICE OPERATES ON BATTERY POWER.**

## FAQ

### Q. What stations can I use to transmit my audio?

A. The Mobile FM Transmitter AFT-100 transmits on the full spectrum of the FM band. So select any frequency with the least interference in your traveling area between 88.1MHz and 107.9MHz and tune in.

### Q. Does it matter how I plug in the Mobile FM Transmitter AFT-100?

A. Yes. The top of the unit is marked with with the iRiver logo. The Memory Pre-set buttons should be located at the bottom front when the unit is installed correctly.

### Q. How can I achieve maximum performance and sound quality from Mobile FM Transmitter?

A. Before using the Mobile FM Transmitter AFT-100, listen to the FM band and select a frequency with the least amount of interference. The pre-set features allows you to mark and remember the 3 clearest stations for broadcasting in your traveling area. If you turn off the car or the unit, the memory feature will bring you right back to where you left off. That eliminates your need to constantly adjust the station.

