

# irock!® Beamit™ User's Manual Version 1.0

## Introduction

Thank you for purchasing the irock!® 440M Beamit™ Wireless Music Adapter. The Beamit™ is a user-friendly portable wireless audio system that lets you enjoy your music collection while on the go. It is one of the handiest accessories you'll ever own. Beam high fidelity, full stereo audio signals from virtually any audio source to any FM radio with a range of 10 to 30 feet.

Listen to your MP3 player in the car, enjoy your favorite audio book CD while commuting, blast your laptop MP3 collection through your home stereo, or link your satellite radio to your car stereo – Beamit™ makes it happen!



1. Plug the Beamit into the 12V lighter jack or power adapter.

2. Press and Release the on/off button located above the LCD. When the Beamit turns on it will start from the last frequency used.

3. Plug the 3.5mm stereo cable into the lineout jack or headphone jack of the audio source.

4. Select the FM Frequency using the up/down buttons. Tune your FM Radio to the same frequency. Note: For clear reception, select a channel that is not in use by a radio station.

Simply plug the Beamit™ into virtually any audio source, choose one of the 12 frequencies that you wish to broadcast to and tune your radio to that frequency - just plug, tune and play. The Beamit™ gives you freedom to enjoy your audio wherever you want, without the wires. You'll be beaming from ear to ear. irock!, do you?

## Compatibility

One of the many unique features of the Beamit™ is that it was designed to work with virtually any portable audio player that utilizes a standard 3.5mm headphone or line-out jack. This means that no matter what brand music player you may have, the Beamit™ is compatible.

Typical uses for the Beamit™ include:

Portable Digital Audio players, CD Players, Mini-Disc players, DVD Players, Tape Players, Laptop.

## Beamit™ Easy Setup Instructions

- 1) Plug in the **Beamit™** into the 12V cigarette lighter jack of your vehicle, or 12V power adaptor.
- 2) Press and release the ON/OFF button located above the LCD. When the Beamit turns on, it will start from the last frequency that the user had it on before powering off.

NOTE: The Beamit will NOT automatically power on when the Beamit is plugged into the cigarette jack. Even if you start the vehicle, the Beamit will still not power on. You must press and release the ON/OFF button to power the Beamit on.

- 3) Plug the 3.5mm stereo cable into the lineout jack or the headphone jack of the audio source you wish to transmit. \*

OPTIONAL: Plug in a USB powered audio source to the optional USB power cable (Not included) to power the audio source, so that you do not need to use it's battery source, such as a USB pen drive digital audio player, or an irock! digital music player.

OPTIONAL: Connect the isolator filter (Not included) between the audio source, such as XM RADIO, OR other car powered audio player, it will significantly improve the audio quality.

- 4) Select the FM frequency that you would like to transmit to, by using the UP or DOWN buttons. These buttons will switch the frequency displayed on the Beamit LCD, to the next higher or lower frequency channel in a circular manner.

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Q: Should I connect my **Beamit™** to the Audio Line Output or Headphone Output of my player?

A: For best results, connect the **Beamit™** to Headphone Output and adjust the volume levels on your source and stereo for maximum enjoyment.

Q: Is there supposed to be a delay switching from the lower frequencies to the higher frequencies? How about the higher frequencies to the lower frequencies?

- A: 1) Switching from 88.9 ~ 106.7 takes 7 seconds.
- 2) Switching from 106.7 ~ 88.9 takes 3 seconds.
- 3) Switching from 107.9 ~ 88.1 takes 3 seconds.
- 4) Switching from 88.1 ~ 107.9 takes 7 seconds.
- 5) Between 88.1 ~ 88.9 and 106.7 ~ 107.9 takes 1 second.
- 6) Auto scan will follow the same rule except it is automatically.

Q: What do the flashing bars (-, --, ---) mean on the LCD when switching to and from 88.9 and 106.7, and 88.1 and 107.9?

A: These bars indicate that the Beamit is scanning through frequencies between: 88.9 ~ 106.7, and 88.1 ~ 107.9. Please remain patient until the next available frequency appears on the LCD.

Q: How come the FM reception has a lot of static?

A: Ensure that there is no interference such as metal materials in between the FM stereo's antenna and the Beamit. In addition, relocate the Beamit as close to the FM stereo's antenna until reception is improved.

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NOTE: When you press and release the UP or DOWN button, the Beamit will switch to the next higher or lower frequency. When you press and hold the UP or DOWN buttons, the Beamit will continue to scan rapidly through the frequencies until you release the UP or DOWN buttons.

- 5) Tune your FM stereo to the same channel as selected in step 4.

NOTE: For better reception, select a channel with the weakest reception. For example, do not choose a channel that is already being occupied by a local stereo station, such as 107.5 in Chicago.

\* If the audio sounds distorted, decrease the volume on the audio source (around medium level) then adjust the volume using the stereo volume control until the audio sounds better.

## Frequently Asked Questions about the irock!® 440FM Beamit™

Q: What is the **Beamit™**?

A: The **Beamit™** is a wireless music adapter that connects to any audio source and broadcasts that audio to any radio or stereo within 10-30 feet.

Q: How can I achieve best performance and sound quality from my **Beamit™**?

A: 1) Turn the **Beamit™** off when not in use.

- 2) Keep the **Beamit™** within 10 feet of the radio that it is transmitting to.

- 3) Keep the cord that connects the **Beamit™** to the audio player straight, positioning the player as far from the **Beamit™** as possible.

- 4) Before using the **Beamit™**, listen to 1 of the 12 frequencies on your radio and select the frequency with the weakest radio station.

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## Specifications

Modulation: FM Stereo Modulation  
Frequencies: 88.1, 88.3, 88.5, 88.7, 88.9, 106.7, 106.9, 107.1, 107.3, 107.5, 107.7, 107.9 MHz

Audio Input Connector: 1/8-inch (3.5mm) Stereo Plug

Power Requirement: 12V DC Auto Adapter

Signal Distortion: Less than .5%

Frequency Response: 50 Hz to 15 kHz

Operating Range: 10-30 feet {Depending on the quality of the FM radio receiver (limited by FCC regulations)}  
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.

In order to maintain compliance with FCC regulations shielded cables must be used with this equipment. Operation with non-approved equipment or unshielded cables is likely to result in interference to radio & television reception.

**CAUTION:** Changes or modifications not expressly approved by First International Digital may void the user's authority to operate this equipment.

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**NOTE:** 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, consult the dealer or an experienced radio/TV technician for help.

**LIMITED WARRANTY:** First International Digital (FID) warrants the product enclosed herein to be free of defects for a period of Ninety (90) days from the date of purchase. In the event of a defect in material or workmanship during the warranty period, FID, at its discretion, will repair or replace the defective product when the owner returns the defective product to FID.

The remedy for this breach of warranty is limited to servicing or replacement only and shall not cover any other damages, including but not limited to the loss of profit, special incidental, consequential, and other similar claims. In no event will FID be liable for any amount greater than the currently suggested retail price.

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**Beamit™**  
WIRELESS MUSIC ADAPTER

