

Podfreq[™] mini

Premium FM Transmitter and Dock for iPod[®] mini

User's Guide

SONNET[™]
SIMPLY FAST[™]

Introduction

This user's guide explains how to use PodFreq mini, the premium FM transmitter for your iPod mini. PodFreq mini broadcasts to any analog or digital FM tuner, and enables you to transmit your iPod mini's music on any frequency from 88.1 to 107.9 MHz to a FM radio or tuner tuned to the same frequency. PodFreq mini incorporates standard 6-Pin FireWire[®] and mini-USB 2.0 ports in its design so that you may plug in a FireWire cable (sold separately) or the included USB 2.0 cable to transfer files between your computer and iPod mini, sync your files with iTunes[®], and even charge your iPod mini without removing it from PodFreq mini.

Requirements

PodFreq mini's requirements are simple:

- Any iPod mini
- FM tuner (analog or digital, connected to an antenna)

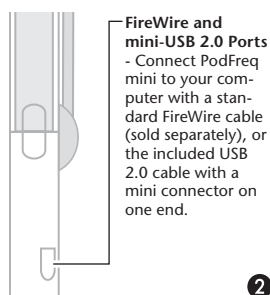
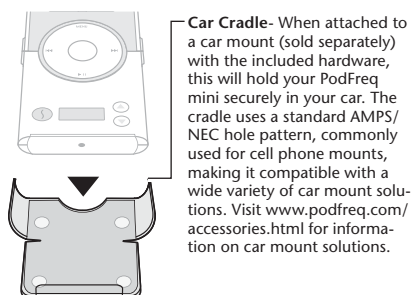
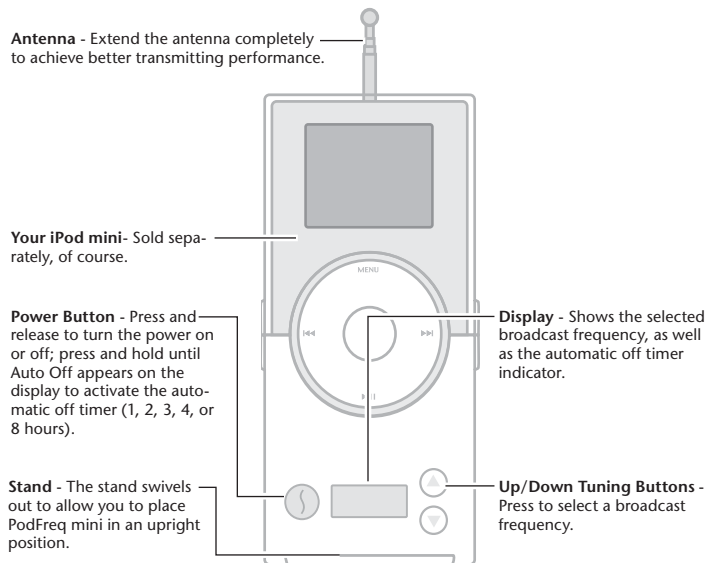
Technical Specifications

Antenna	Telescoping, 6.1" (15.5 cm) when fully extended
Power Requirement	No batteries or power cables; powered by the iPod mini
Frequency Modulation	88.1 to 107.9 MHz
Tuning Type	Digital tuning, tunes in 0.1 MHz steps, last station recall
Stereo Separation	Greater than 40dB
Auto Level Control	Built-in to prevent sound distortion
Signal-to-Noise Ratio	Greater than 45dB (Stereo) 15 kHz LPF
Modulation Distortion	Less than 0.5%
Transmitter Range	10–30 feet (3–9.1 m), depending on FM receiver/antenna
Frequency Response	50 Hz to 15 kHz
Ports	6-Pin FireWire and mini-USB 2.0
Dimensions (WxHxD)	2.36" x 5" x 1.18" (6 x 12.7 x 3 cm)

1

Getting Started

This section describes the physical aspects of PodFreq mini.



2

A—Insert Your iPod mini into PodFreq mini

1. Gently squeeze the clear plastic tabs on the side of PodFreq mini, and then separate the top section from the bottom one.
2. Gently slide your iPod into PodFreq, making sure that it connects completely with the dock connector.
3. Slide the PodFreq's top section over your iPod mini, making sure you align the tabs on the top section with the slots on the bottom one.



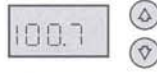
3

B—Find an “Empty” Station on the FM Band

Find a FM frequency between 88.1 and 107.9 on your radio's or tuner's FM band that has no radio station broadcasting on it, or when that's not possible, find the one with the weakest radio station broadcast.

C—Set Up PodFreq mini to Broadcast

1. Pull up the antenna on the back of PodFreq mini until it is fully extended.
2. Turn on PodFreq mini; there are two ways to do this:
 - Press and release the play button on your iPod mini; PodFreq Mini's power button will light up for approximately 10 seconds, and then turn off. Please note, PodFreq mini turns on and off automatically along with your iPod mini. If there is no output from your iPod mini for five minutes, PodFreq mini will shut itself off.
 - Press and hold the Power button until “Auto Off” appears on the display, followed by “1hr”, “2hr”, “3hr”, “4hr”, or “8hr”; release the button when you choose the number of hours you want PodFreq mini to remain on. The Power button light will turn off approximately 10 seconds after you first press it.
3. Using the Up and Down tuning buttons, tune PodFreq mini to the same frequency you chose on your radio. If the radio you are using has digital tuning, be sure to select the exact same number. Otherwise, the sound quality will be affected. For instance, the sound quality may be poor if you select 93.2 on PodFreq mini when your radio is tuned to 93.3.



4

D—Play Your Music

Select your music as you would when you listen to your iPod mini through headphones, and press play; you should hear the music through the radio. Because PodFreq mini uses the line level output signal from the iPod mini, its volume control will have no effect; adjust the volume on the radio.



Support Note: Unlike many other products, the iPod mini's line level output signal is affected by its EQ settings. You may want to experiment with various EQ settings to achieve the best sound quality, as some settings which increase bass may introduce distortion; Sonnet recommends that the iPod mini's EQ be set to Off.

E—Turn Off PodFreq mini

When you turn on PodFreq mini using the Auto Off timer, it shuts itself off automatically after the time you selected has elapsed. When PodFreq mini is turned on automatically when you press play on your iPod mini, it will shut off five minutes after you stop your iPod. You may also press the Power button to turn off PodFreq mini manually.

F—Connect PodFreq mini to Your Computer

When you connect a standard FireWire cable or mini-USB cable between your computer and iPod mini, PodFreq mini acts as a dock substitute. You can sync your iPod mini with iTunes, transfer files between your computer and iPod mini—you can even operate your iPod mini when PodFreq mini is connected to your computer.

5

Troubleshooting

Problem	What to Check
Power button's light is not lit	To save power, the Power button's light shuts off after you release it; this is normal operation.
Weak reception	<ul style="list-style-type: none">• Antennas - Verify PodFreq mini's antenna is fully extended, and if you're using a portable radio, make sure its antenna is also fully extended.• Distance - Try moving PodFreq mini closer to the radio. The effective transmitting range will decrease with distance; objects and walls between PodFreq mini and the FM tuner or radio's antenna will also affect reception.• Radio station on the same frequency - If there is a radio station broadcasting on the frequency you chose, reception will be affected; this is especially important to remember when you use PodFreq mini in a moving vehicle.• Strong adjacent radio station(s) - The presence of a strong radio station on a frequency near the one you've chosen may cause interference; try selecting another frequency.
Distorted sound	<ul style="list-style-type: none">• Different tuning frequencies - Verify that PodFreq mini's broadcast frequency is the same as the one you chose on the FM tuner. If you are using an analog tuner, try fine-tuning the dial to hear clearer sound.• iPod mini EQ is on - When any EQ setting other than Off is selected on the iPod mini, especially any that increase the bass, the sound from the iPod may be distorted. Unfortunately, this is normal, as the distortion may also be heard through the headphones; this is an iPod mini issue. Choose the EQ Off setting for the best sound quality.

FCC Compliance

PodFreq mini complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: This device may not cause harmful interference, AND this device must accept any interference received, including interference that may cause undesired operation.

Notice : The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

6

Limited Warranty

Sonnet Technologies, Inc. warrants that this product shall be free from defects in materials and workmanship for a period of one year following the date of original purchase. For complete warranty information, go to www.podfreq.com.

Contacting Customer Service

The Sonnet web site located at www.sonnettech.com has the most current support information and technical updates.

Before you call Sonnet Customer Service, please check our web site for the latest updates and online support files, and check this user's guide for helpful information. When you call Sonnet Customer Service, have the following information available so our customer service staff can better assist you:

- Product name
- Date and place of purchase
- iPod model

If further assistance is needed, please contact us at:

Sonnet Customer Service:

Tel: 1-949-472-2772

(Monday–Friday, 7 a.m.–5 p.m. Pacific Time)

Fax: 1-949-457-6350

E-mail: support@sonnettech.com

Online Service Form: <http://serviceform.sonnettech.com>

Visit Our Web Site

For the most current product information and online support files, visit the Sonnet web site at www.sonnettech.com. Remember to register your product online at <http://registration.sonnettech.com> to be informed of future upgrades and product releases.

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7