

# Owners Manual For **SOUND FEEDER™** Wireless FM Stereo Transmitter



**Model  
SF250**

SF250 SOUND FEEDER is a multi-purpose stereo music transmitter suitable for use with most types of consumer audio equipment. Sound Feeder allows you to listen to your favorite music through any nearby FM receiver. This state-of-the-art portable transmitter wirelessly connects portable players and computers to your vehicle or home stereo quickly and easily. Simply plug the Sound Feeder into the headphone or audio jack of any audio source and then tune your FM radio to one of 8 possible FM frequencies to experience enhanced stereo sound.

Sound Feeder is the leading alternative to the old cassette-shell type CD Adapter which does not work well with many types of car music systems.

Another popular use of Sound Feeder is to transmit music files from a personal computer play list to a nearby FM stereo system, eliminating the need to buy large amplified speakers for the computer.

Use Sound Feeder wherever enhanced stereo sound is desired and wire connection is not convenient.

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## SET UP AND OPERATION

- Slide open the battery compartment and insert two AAA batteries (Alkaline type is preferred).
- Turn the ON/OFF/BAND switch to 88 and set the Frequency switch to 0.1. This will allow the Sound Feeder to transmit at FM 88.1 frequency.
- Unplug the Sound Feeder's audio cord from its storage jack and connect it to the headphone or audio out jack of your portable player or computer.



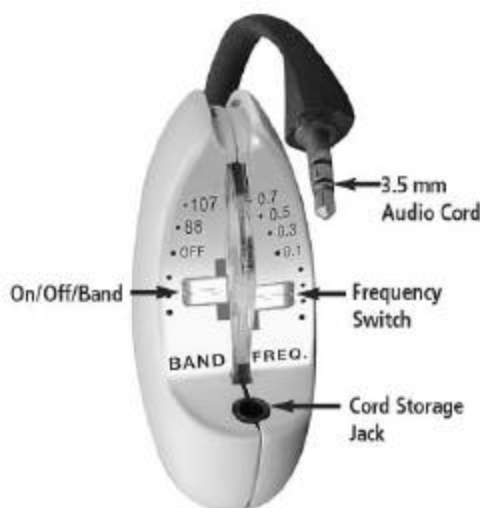
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- Turn on your portable player and set to medium volume.



- Turn on your FM radio to medium volume and set it to FM 88.1 frequency. You should hear your music played over the FM radio. If you find that the 88.1 frequency is already being used by another broadcaster, then select another frequency (88.3, 88.5, or 88.7. You can also set the ON/OFF/BAND switch to 107 and try 107.1, 107.3, 107.5 and 107.7).

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## OPERATING TIPS

Once you have discovered the best transmitting frequency to use for your area, you can make a note of the frequency and then directly tune to that frequency in the future or store this frequency as one of your preset stations.

If you drive your car to another city and are listening to Sound Feeder, you may encounter interference from a radio station in that city that is using the same frequency that you are. If that is the case, you may need to select another frequency of the total of 8 possible frequencies.

When no longer using Sound Feeder, slide the ON/OFF/BAND switch to the off position to conserve battery power.

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## SPECIFICATIONS

Operating Voltage	: 3V
Consumption Current	: 10mA (No input signal)
Transmitting Frequencies (FM)	: 88.1 / 88.3 / 88.5 / 88.7 / 107.1 / 107.3 / 107.5 / 107.7 MHz
Transmission Range	: 10 - 30 Ft.
Channel Separation	: 40 dB (Stereo)
Maximum Input	: 400 mVpp
Signal Level	
Audio Input Impedance	: 600 ohm
Audio Response	: 50Hz-15KHz (+/- 3 dB)
Pilot	: -10% of MPX
Dimensions (Body)	: Length: 3" Width: 2 1/4" Height: 1 1/2"
Weight	: 1.4 oz.
Audio Cord Length	: 6.5"

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## SELF TROUBLESHOOTING METHODS

CONDITION	REASONS	RESPONSES
No Signal or Sound	<ul style="list-style-type: none"> <li>Power switch is OFF.</li> <li>No battery or dead battery.</li> <li>Battery incorrectly installed.</li> <li>Incorrect frequency setting.</li> <li>Receiving radio not set to FM band.</li> <li>Your selected FM frequency is already being used by other broadcaster.</li> <li>Audio source not ON.</li> </ul>	<ul style="list-style-type: none"> <li>Turn power switch ON.</li> <li>Check battery and battery installation (Note: If the power switch was mistakenly left ON for many days, it may have drained the battery).</li> <li>Make sure the frequency setting of Sound Feeder matches that of the receiving radio.</li> <li>Select a different unused frequency (8 Possible)</li> <li>Check your audio source.</li> </ul>
Sound No Good	<ul style="list-style-type: none"> <li>Interference from other broadcast stations.</li> <li>Audio cord connected to audio out jack</li> </ul>	<ul style="list-style-type: none"> <li>Select a different unused frequency (8 Possible)</li> <li>Try connecting audio cord to phone jack for better sound.</li> </ul>

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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 THE PARTY RESPONSIBLE FOR COMPLIANCE COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

**TOLL FREE HELP**  
1-800-841-0884  
Mon-Fri, 9:00am - 5:00pm  
West Coast Time  
or FAX (626) 254-9266

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