

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



**Model
SF150**

SF150 Sound Feeder is a multi-purpose, "take-me-anywhere" stereo music FM transmitter suitable for use with most types of consumer audio equipment. Many people use Sound Feeder to transmit music from a portable compact disc player or MP3 player to a car's FM radio speaker system. In fact, Sound Feeder is the leading alternative to the cassette-shell type CD Adapter which does not work well with many types of car music systems.

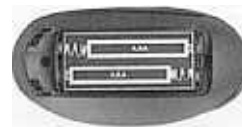
Another popular use of Sound Feeder is to transmit music files from a personal computer to nearby FM stereo speakers, eliminating the need to buy large amplified speakers for the computer.

Use Sound Feeder wherever enhanced stereo sound is desired and wire connection is not convenient. Simply plug Sound Feeder into the line out or headphone jack of your audio equipment and you can transmit high quality stereo sound to any close by FM radio receiver.

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SET UP AND OPERATION

1. Slide out the cover of the battery compartment & insert two AAA batteries (Alkaline type is preferred).



2. Connect the audio cord from the Sound Feeder to the headphone or line out jack of your portable player, television, computer or video game. For most portable players, the line out jack is preferred but on some models you need to use the phone jack to avoid distortion.



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3. Turn the power switch to ON position.



4. Turn on your FM radio to medium volume and manually find a blank channel between 88-95 MHz where no station is broadcasting. The area around 88-89 MHz is often the best. Because of FCC rules regarding class "B" digital devices, the volume on the radio must be set higher than normal volume level listening. Remember to lower the radio volume level when not using Sound Feeder.

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5. Turn on your portable player or computer and set to medium volume.

6. Adjust the tuning wheel of Sound Feeder until your radio can receive a clear music signal coming from your portable.



NOTE:

For radios to work with SF150 Sound Feeder, they must have manual tuning. Otherwise it is very difficult to locate a blank channel on the FM dial. If your radio only has seek/scan, look to see if you can switch to manual tuning. Otherwise, we recommend model SF250.

If you live in a crowded metropolitan area such as greater NY where it is very difficult to find a blank station, Sound Feeder may not work well for you. For such areas we recommend model SF250.

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OPERATING TIPS

After you have tuned in a clear signal, you can make a note of the precise location on your radio dial and then directly tune to that location in the future or store this spot as one your preset stations.

While driving your car across the city (especially around mountains) and listening to Sound Feeder it is possible that interference from nearby radio stations may cause your reception to fade out. If this happens, just reach over and adjust the FM TUNING knob on the Sound Feeder. Usually, you just have to adjust it a little bit and your reception is restored. In some instances, you may have to move to a different unused channel on your radio and tune it in again.

Sound Feeder works best when it is stationary. Use Velcro (not included) to attach Sound Feeder to your car or computer.

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SPECIFICATIONS

Operating Voltage	: 3V
Consumption Current (No input signal)	: 10mA
Tuning Frequency (FM)	: 88 - 95 MHz
Transmission Range	: 10 - 20 Ft.
Channel Separation (Stereo)	: 40 dB
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 1/4"
	: Width : 1 1/4"
	: Height : 1/2"
Weight	: 1.3 oz.
Audio Cord Length	: 6.5"

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SELF TROUBLESHOOTING METHODS

CONDITION	REASONS	RESPONSES
No Signal or Sound	- Power switch is OFF. - No battery or dead battery. - Battery or USB incorrectly installed. - Car radio not in FM band. - Too much interference from other FM broadcast signals; can not tune in Sound Feeder. - Audio source not ON.	- Turn power switch ON. - Check battery and battery installation or USB power cord. (Note: If the power switch was mistakenly left ON for several days, it may have drained the battery.) - Check your car radio - Select a different unused frequency location - Check your audio source.
Sound No Good	- Signal not tuned in completely - Interference from other broadcast stations. - Audio cord connected to audio out jack. - Background static	- Need fine tuning - Select a different unused frequency location. - Try connecting audio cord to phone jack for better performance. - Fine tune slightly until static decreases.

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THIS PRODUCT 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 UNDESIRABLE 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
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