

# SRX SPEAKER RECEIVER

## ASSISTIVE LISTENING SYSTEMS

### PRODUCT OVERVIEW

The SRX wireless speaker receiver combines the functions of both a speaker and an assistive listening receiver. This enables the SRX to receive audio transmitted by an FM assistive listening transmitter. This is helpful in many applications where amplified sound is needed, such as in the back of a room where listeners have a difficult time hearing the speaker. It may also be used to bring audio from a program into separate or adjacent rooms.

The SRX has an attractive, easy to use design. The speaker is operated by use of three controls: ON/OFF, VOLUME, and a large tuning dial. The speaker is powered by six C size batteries, or it may be plugged into an outlet with the supplied AC wall adapter. Alkaline or rechargeable NiCad batteries may be used. To recharge NiCad batteries, a special jumper is provided to connect the wall adapter input to the terminals of the batteries for trickle charging.

Like all Gentner assistive listening products, the SRX is tunable on site to all FCC approved channels (72 - 76 MHz). It works in connection with the Gentner TX-37A transmitter as well as other manufacturer's FM transmitters.



### FEATURES/BENEFITS

- Wide area FM system works outdoors, in bright light with no line of sight restrictions.
- Uses six C size batteries, or can be plugged into an outlet. Speaker is wireless, can be placed anywhere.
- Elegant, simple design with three large controls: ON/OFF, VOLUME, and tuning.
- Easy to use by virtually anyone.
- Field tunable to all FCC approved assistive listening channels— versatile, easy to tune on site.
- Built in battery charger for continuous use— no need to remove batteries.

### APPLICATIONS

- Schools, educational settings
- Sporting events, in private stadium boxes
- Church services
- Lectures in large rooms
- Outdoor events



1 . 8 0 0 . 9 4 5 . 7 7 3 0  
1 . 8 0 1 . 9 7 5 . 7 2 0 0

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### SPECIFICATIONS

Physical Dimensions: 5.83"W x 5.12"H x 8.27"D 14.8 cm x 13 cm x 21 cm	RF Frequency Range: Tunable, 72-76MHz
Weight: 1,000 g.	Sensitivity: 0.6uV typical, 1 uV max for 12dB SINAD
Type: FM, medium bandwidth 50kHz	Controls: ON/OFF, VOLUME, tuning dial
Audio Frequency Range: 100-10,000Hz	Power Sources: a) Six 1.5V DC batteries (UM-2 size C) b) AC adapter output of 6V 800 mA
Maximum Output Power: 10 watts per channel 5 watts RMS	Battery Life (Typical): 60 hours with alkaline types
Impedance: 4ohms	Battery Charging 36 hours for full charge of fully drained rechargeable batteries
Signal to Noise Ratio: >60dB	Drive Unit: 120 mm high-efficiency, heavy magnet speaker
Distortion: <2%	



The SRX wireless speaker receiver receives audio transmitted by the TX-37A transmitter. It can also be used with other manufacturer's FM transmitters.

### ARCHITECTURAL AND ENGINEERING SPECIFICATIONS

The speaker receiver shall operate in the 72-76 MHz Auditory Assistance Band as approved by the FCC. It shall be continuously tunable by a control over that band. It shall have an I.F. acceptance of 50 kHz with AFC function for long-term frequency stability. Audio frequency response shall be 100-10,000 Hz.

The speaker receiver shall be housed in a high-strength, plastic exterior. The ON/OFF and VOLUME control shall be properly marked. The speaker receiver

shall provide a maximum audio output of 10 watts per channel (5 watts RMS). The speaker receiver shall be powered either with six C size batteries or with the AC wall adapter. Either alkaline or NiCad (rechargeable) batteries shall be used. A special jumper shall be provided to connect the wall adapter input to the terminals of the NiCad batteries for trickle charging.

The Gentner SRX speaker receiver is specified.



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