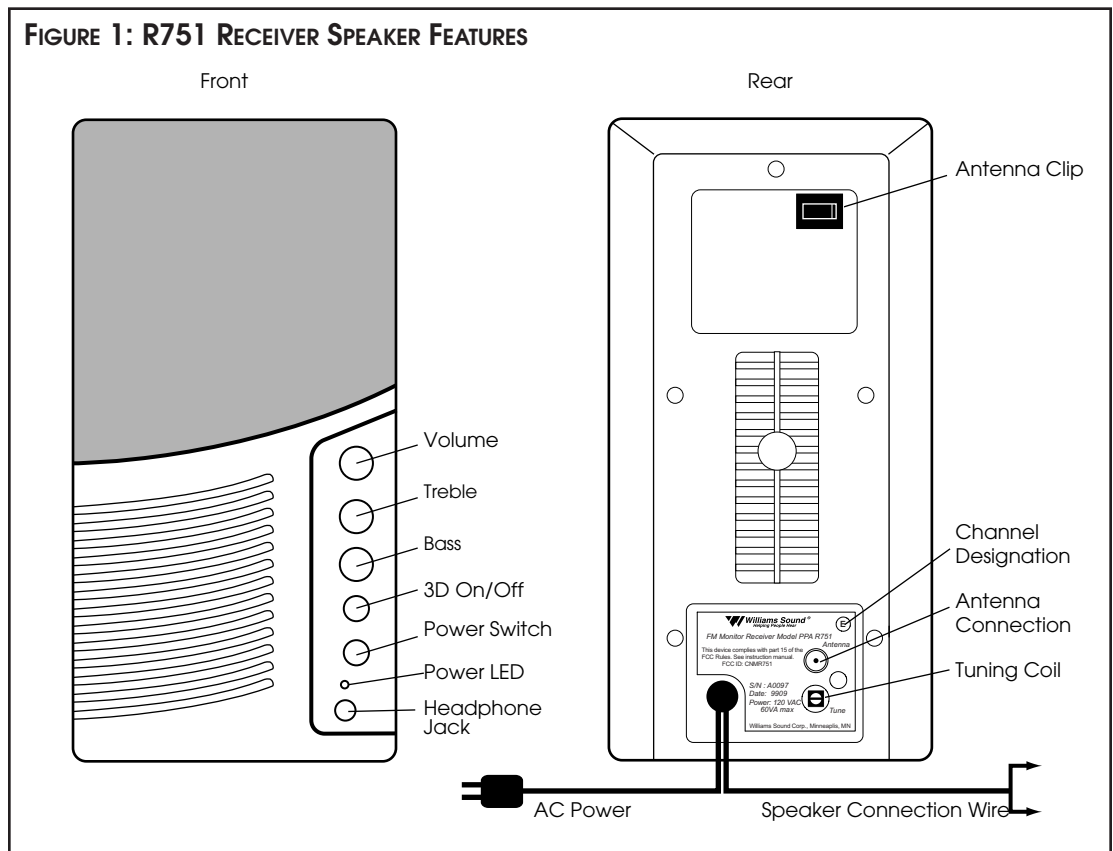


# PPA R751 Monitor Receiver

## FM Listening System Receiver

### OVERVIEW

The PPA R751 Monitor Receiver is designed for use with Williams Sound PERSONAL PA® (PPA) Wide-band FM Transmitters. With the R751, small groups of people can listen to the

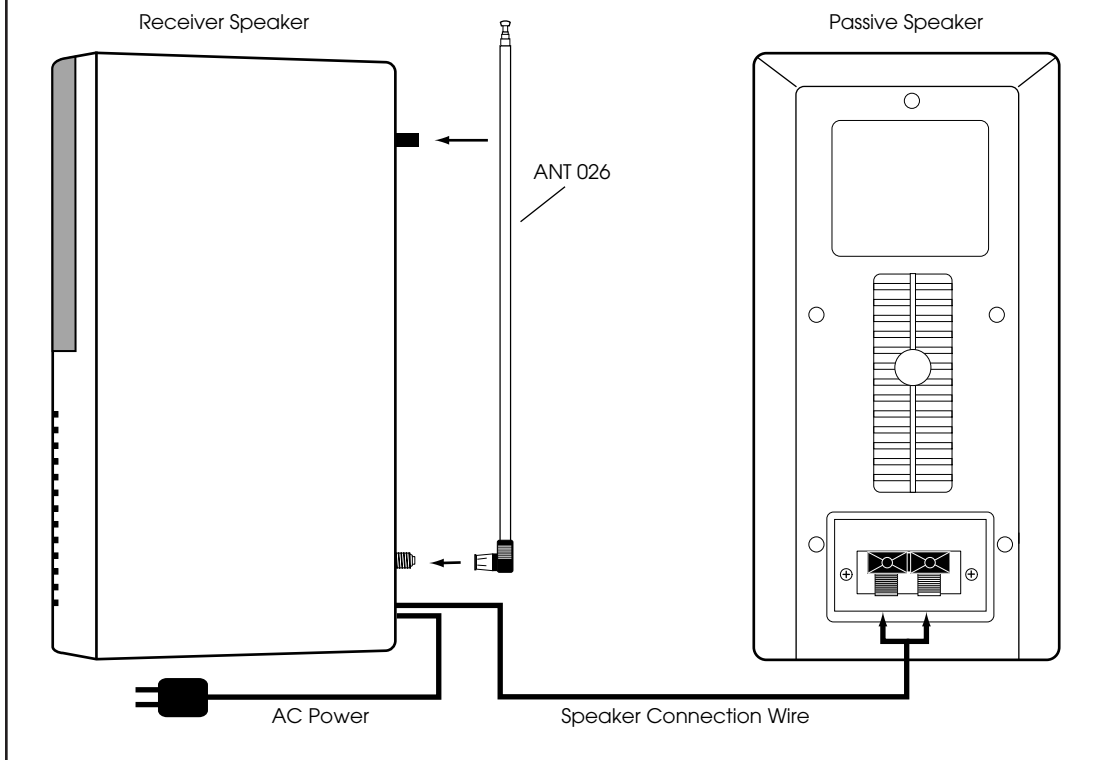


FM broadcast in a cry room, nursery, office area, or any location where a remote speaker is needed and wiring is difficult to run.

### USING THE R751 RECEIVER

- 1: Insert the ANT 026 Antenna into the “Antenna” connection on the back of the receiver speaker. (See figure 2.) Make sure it is fully inserted and tightly fitted.
- 2: Clip the antenna shaft into the plastic antenna clip.
- 3: Extend the antenna by grasping the tip and pulling straight upward.
- 4: Connect the speaker connection wires to the passive speaker.
- 5: Plug the AC power cord into an AC outlet and turn the power switch on.

**FIGURE 2: CONNECTING THE PASSIVE SPEAKER & ANTENNA**



- 6: Make sure your PPA Transmitter is on and has an active audio source. Adjust the volume control on the R751 until you hear the broadcast.

The R751 will normally receive the FM broadcast up to 150 feet away from the transmitter.

- 7: Adjust bass, treble, and “3D” controls to your preferences. The “3D” button boosts high frequency response.


## OPERATING FREQUENCY (CHANNEL)

The R751 is pre-tuned to one of 10 different frequencies in the 72–76 MHz Auditory Assistance Band. The last letter in the part number indicates the frequency. For example, a PPA R751E is set to Channel E, 72.9 MHz. Stickers on the bottom of the PPA Transmitter and the back of the R751 Receiver indicate the frequency they were tuned to when they left the factory.

The R751 frequency must match your transmitter frequency. If you experience interference on the channel you ordered or if your receiver frequency does not match your transmitter frequency, use the following directions to retune your R751.

### To Change The Operating Frequency

Before changing the R751’s frequency, make sure your transmitter has been correctly tuned to the channel of your choice. Refer to the instructions that came with your transmitter for this procedure.

- 
- 1: Place the R751 1–2 feet from the transmitter. Disconnect the antenna from the transmitter; the R751 must be tuned under moderate or weak signal conditions.
  - 2: Turn on the transmitter and begin broadcasting a signal.
  - 3: Insert a PLT 005 Tuning Wand (or similar plastic tuning wand) into the tuning coil on the back of the R751. (See figure 1.)
  - 4: It is very important that you gently turn the tool **CLOCKWISE** until you hear the signal, or until the tuning coil stops. This screws the tuning coil inward as far as it will go. Do not attempt to force it further.
  - 5: If the tuning coil stops and you have not yet heard the signal, gently turn the tuning coil **COUNTER–CLOCKWISE** until you hear the signal.

### **CLIPPING THE SPEAKER CORD**

If you want to permanently discard the passive speaker and only use the receiver speaker, you may want to shorten the speaker wire. ***Before clipping the wire, make sure the power is off and the AC power cord has been unplugged from the outlet.***

- 1: Separate the two strands all the way to the receiver speaker enclosure.
- 2: Using a wire cutter, carefully clip the strands to create a half inch “stagger” between each length. This gap between wire ends will help prevent them from touching and possibly creating a short circuit and receiver damage.

### **WARRANTY**

The Williams Sound R751 Monitor Receiver is engineered and designed to provide you with many years of reliable service. Williams Sound warrants it against defects in materials and workmanship for FIVE (5) years EXCEPT FOR earphones, headphones, rechargeable batteries, chargers, cables, antennas, carry cases, and all other accessory products. Accessory products carry a 90 day warranty.

If the product fails within the specified warranty period, Williams Sound will determine whether to repair or replace the defective equipment. This warranty does not apply to physical damage, abuse, mis-use, or products that have been modified.

Williams Sound Corp.  
10321 West 70th Street  
Eden Prairie, MN 55344-3459 USA

Phone: 800-843-3544 / 952-943-2252  
Fax: 952-943-2174  
TTY: 952-943-9675  
e-mail: [info@williamssound.com](mailto:info@williamssound.com)

*If you experience difficulty with your system, call for Customer Assistance:  
1-800-328-6190.*

If it is necessary to return the system for service, a Williams Sound representative will give you a Return Authorization Number (RA) and shipping instructions. Pack the system carefully and send it to:

Your warranty becomes effective the date you purchase your system. Your returned warranty card is our way of knowing when your warranty begins. It also gives us important information about your system including the serial number. This information will help us

serve you better in the future. Please take a moment to complete and mail the attached card.  
Thank you.

## SPECIFICATIONS

Dimensions:	4.3" W x 8.9" H x 5.1" D (10.9 cm x 22.6 cm x 13 cm)
Weight:	5 lbs. (1.9 kg)
Color:	Putty
Power:	120 VAC, 50 or 60 Hz, 60 VA max
FCC ID:	CNMR751
Operating Frequency:	Pre-Tuned, Adjustable, 72 MHz – 76 MHz
FM Deviation:	Wideband, 75 kHz, 75 $\mu$ S de-emphasis
AFC Range:	$\pm$ 160 kHz
Sensitivity:	5 $\mu$ V at 12 dB Sinad
Frequency Response:	115 Hz to 20 KHz, $\pm$ 3 dB Controlled by bass & treble
Signal-to-Noise Ratio:	50 dB at 10 $\mu$ V
Audio Output Power:	20 W RMS total
Receive Antenna:	39" telescoping whip (ANT 026)
Loudspeakers, per speaker:	3" woofer, 1.25" tweeter, wide-range
Headphone Jack:	3.5 mm stereo
Controls:	ON/OFF pushbutton switch, rotary volume, bass, treble, and 3D pushbutton on/off

## OPTIONAL ACCESSORIES

Remote Antennas:	ANT 005 Coaxial Antenna ANT 024 Wall Mount Dipole Antenna
Wall Mount Kit:	Consult factory
Stand Mount Kit:	Consult factory

## FCC NOTICE

This device complies with FCC Rules Part 15. Operation is subject to the following two conditions: (1) This device may not cause harmful interference and (2) this device must accept any interference that may be received, including interference that may cause undesired operation.

## COMPATIBLE TRANSMITTERS (US ONLY)

PPA T4  
PPA T16  
PPA T17  
PPA T17-6  
PPA T20 (wide-band channels)  
PFM T16  
PFM T30  
PFM T31

 **Williams Sound Corp.**  
10321 West 70th St., Eden Prairie, MN 55344-3459  
U.S.A. 800-328-6190 / 952-943-2252 / FAX: 952-943-2174  
[www.williamssound.com](http://www.williamssound.com)