

SoundPlus® IR Stereo Listening System, Model WIR 952

Description:

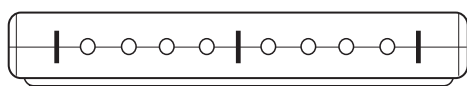
The WIR 952 System reduces background noise and overcomes distance by delivering audio directly from the sound source to the listeners ears. With adjustable volume control users can listen to the audio program at their own comfort level. The user can select between 95 kHz, stereo or 250 kHz operation.

Applications:

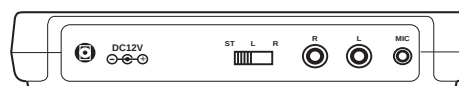
•Television Listening • Stereo Listening • Small Group Listening • Language Interpretation • Offices

WIR TX295 Transmitter:

Size, Weight, Color:	6.25" L x 3.25" W x 1.25" H (15.9 cm x 8.3 cm x 3.2 cm), 5.1 oz (140 g), Gray
Power Input:	12 VDC (center is positive) on DC connector, 200 mA Class II wall transformer TFP 024 Power Supply: North America: 120 VAC, 60 Hz, UL/CSA TFP 032 Power Supply, 2 pin Euro mains plug, 230 VAC, 50-60 Hz, CE TFP 033 Power Supply, 3 pin UK mains plug, 230 VAC, 50-60 Hz, CE
Subcarrier Frequency:	95 kHz or stereo or 250 kHz
Auto Power On/Off:	Transmitter shuts off infrared after 1.5 minutes when audio signal is removed. Battery charging functions remain on full time.
Microphone Input:	3.5 mm jack for MIC 084 Electret TV Microphone, 1.5 k Ω
Line Inputs:	2 RCA jacks for mono or stereo line-level sources. 200 mV min. to 10 V rms max. input level, 5.1 k Ω
Automatic Level Control:	35 dB compression range
Infrared LEDs, Pattern:	8 IR LEDs, 45 degree cone-shaped coverage pattern to 6 dB intensity, 30 ft (9 m) line of sight
Charging Ports:	Charges one WIR RX295 Receiver plus two additional BAT AP97A NiMH battery packs**
Warranty:	5 years, parts and labor*



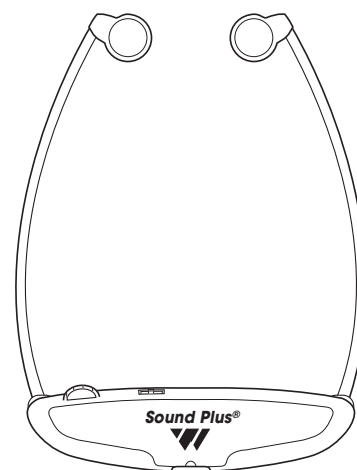
TX295 Front



TX295 Rear

WIR RX295 Receiver:

Weight:	2.1 oz (60 g) with batteries
Material and Color:	ABS plastic, Black and Grey
Battery Type, Life:	BAT AP97A NiMH Battery Pack, 6 hours
Modulation Frequency:	95 kHz or stereo or 250 kHz
Frequency Response:	200 Hz to 8 kHz, $\pm$ 5 dB
Signal-to-Noise Ratio:	60 dB at 10 m
Controls:	Volume control thumbwheel; screwdriver adjust balance and (L & R) tone controls
Acoustic Output:	112 dB MAX SSPL90 with 2 cc coupler
Compatibility:	Compatible with most wide-band 95 kHz IR Transmitters
Power Switch:	Built into receiver "arms"
On Indicator:	Green LED
Ear Pads:	Uses EAR 031 foam cushions
Warranty:	5 years, parts and labor*



RX295 Front

*90 days on battery, power supply and cords.

NOTE: SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE!

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Bid Specs:

TX295 Transmitter

The transmitter shall be encased in a grey, ABS plastic, compact in design for easy mounting on top of a TV, VCR or audio equipment. The transmitter shall have 8 infrared LEDs that can transmit a signal up to 30 ft (line-of-sight) at 6 dB of intensity. There shall be a three-position slide switch for selecting 95 kHz, stereo or 250 kHz operation. Two RCA jacks shall be available for mono or stereo line-level input at 200 mV to 10 V. A 3.5 mm jack shall be available for microphone input at 1.5 k Ω . A television microphone shall be included to directly pick up the audio of the sound source where there are no available jacks. The transmitter shall have a spare battery port for the RX295's BAT AP97A on both sides of the transmitter.

The transmitter shall serve as a charger for a single RX295 receiver plus two additional BAT AP97A batteries.** The transmitter shall automatically turn off after 15 minutes of no audio. The transmitter shall be covered by a five-year parts and labor warranty.* The transmitter shall be the Williams Sound Corp. model WIR TX295.

RX295 Receiver

The receiver shall be a stetho type with an IR detector lens on the face of the unit. The receiver shall be compatible with wideband 95 kHz and 250 kHz transmitters. The receiver shall have a rotary-type volume control and the power switch shall be built into the "arms," so that the unit will automatically shut off when not in use. There shall be a three-position slide switch for selecting 95 kHz, stereo or 250 kHz operation. The receiver shall have left and right tone and balance controls adjustable by screwdriver. The receiver shall operate for 6 hours per charge with 1 BAT AP97A NiMH battery. The receiver shall be housed in a grey and black ABS plastic case. The receiver shall provide 112 dB SSPL90 output. The system frequency response shall be 200 Hz to 8 kHz, and the signal-to-noise ratio shall be 60 dB at 10 m. The receiver shall be covered by a five-year parts and labor warranty, 90 days on the battery. The receiver shall be the Williams Sound Corp. model WIR RX295.

*90 days on battery, power supply and cords.

**Only one additional battery is supplied with the WIR 952 system.

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