FREEDOM Remote Receiver • Model PPA R1600

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FREEDOM Remote Receiver • Model PPA R1600

Description:

The FREEDOM Remote Receiver, model PPA R1600 allows a group of people to 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. The R1600 features 16 selectable channels on 72-76 MHz, mic and line-level inputs, and will operate up to 1000 ft (304.8 m) when used with the Williams Sound T35 transmitter

Applications:

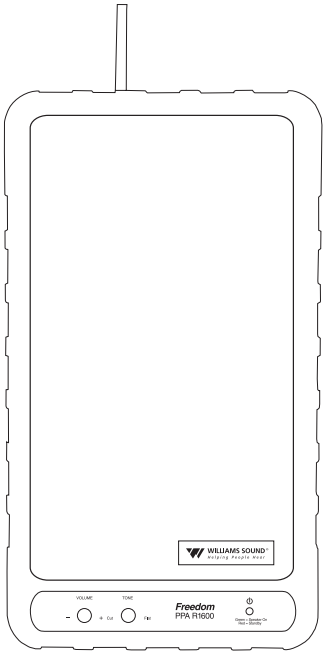
Houses of Worship • Conferences • Auditoriums • Music Applications

PPA R1600 Remote Receiver:

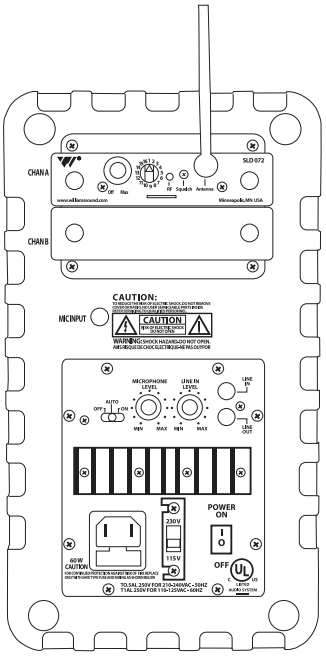
Dimensions:	12.4"H x 7.1"W x 7.5"D (315mm x 180mm x 190mm)
Color:	Black with white legends
Weight:	9.4lb (4.3kg) approx. with SLD 072 receiver
Rated Power:	20 watts continuous
Frequency Response:	65Hz – 7kHz
Max SPL @ rated output:	101dB @ 1 meter
Woofer:	5.25" (133.35mm) high efficiency magnetically shielded
Tweeter:	1" (25mm) dome
Crossover:	1st order passive @ 8kHz
Tone Control:	-6dB/octave sliding lowpass (3kHz to 8kHz)

Wireless inputs	CHANNEL A:	SLD 072 FM Receiver, 72-76 MHz
	Operating Freq:	72.1, 72.2, 72.3, 72.4, 72.5, 72.6, 72.7, 72.8, 72.9, 74.7, 75.3, 75.4, 75.6, 75.7, 75.8, or 75.9 MHz.
	Intermediate Freq:	10.7 MHz
	FM Deviation:	± 75 kHz max
	Sensitivity:	2 uV at 12 dB SINAD with squelch defeated
	Input Overload:	20 mV
	Frequency Response:	65 Hz to 7 kHz ± 3 dB
	Signal to Noise ratio:	60 dB at 100 uV
	Antenna connector:	Thread mount for ANT 028 telescoping antenna. 75 ohms.
	CHANNEL B:	Empty slot for additional receiver sled

Wired inputs/output	
Mic:	-81dBV (0.089mVRMS) for 1 watt 100KΩ unbalanced, 1/4 " phone jack, variable
Line:	-40dBV (10mVRMS) for 1 watt 10KΩ unbalanced, RCA jack, variable
Line-Out:	+15dBV max - RCA jack
AC Power Requirements:	User switchable
	110-125 / 210-240VAC - 50Hz / 60Hz
Approvals:	UL, C-UL, FCC, RoHS, WEEE
Included w/speaker:	Removable wall-mount bracket with 2 screws and rubber anti-rotate pads, removable right-angle AC cord, 4 self-adhesive anti-skid pads, 4 module screws, 1 noise-canceling circuit boards per receiver sled installed



PPA R1600 Front View



PPA R1600 Back View

NOTE: SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE!

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WILLIAMS SOUND®
Helping People Hear

FREEDOM Remote Receiver • Model PPA R1600

Bid Specs:

PPA R1600

The Williams Sound Corp. PPA R1600 shall be a powered speaker and have a sixteen channel wideband 72-76 MHz receiver that can be accessed on the back of the unit. It shall be housed in a black heavy duty plastic enclosure 12.4" x 7.09" x 5.6" and weigh approximately 9 lbs.

The R1600 shall have a 20 watt amplifier and two way speaker system with a 5.25" magnetically shielded woofer and a 1" dome tweeter.

The R1600 shall have an RCA line input, RCA line output and 1/4" low impedance microphone input. It shall have separate microphone and line in level adjust and have a master tone and volume rotary adjust.

The receiver sled shall have a 75 Ohm antenna output, on/off audio level rotary adjust, RF rotary squelch adjust and sixteen position rotary channel selector. The R1600 shall be supplied with a 39 inch telescopic antenna.

The R1600 shall be supplied with a wall mount bracket and have the ability to be mounted on a microphone stand (not supplied).

It shall be AC powered and have 230 - 115VAC switch on the back and be UL, C-UL, FCC, RoHS, and WEEE compliant.

The R1600 shall have a five year warranty and be called the Williams Sound Corp. PPA R1600.

SLD 072

The SLD 072 receiver sled shall be a sixteen channel wide band 72-76 MHz receiver designed specifically to work with the PPA R1600 powered speaker/receiver. It shall be enclosed in a metal housing 5" x 5" x 1" and weigh 0.62 lb.

It shall have a sixteen channel rotary channel select, rotary on/off audio level control, rotary squelch control, a 75 Ω F-connect antenna output and an RF LED indicator showing when the receiver is receiving an FM signal.

The SLD 072 is designed to slide into the back of the PPA R1600 and shall be locked in place by two thumb screws on the face plate.

The SLD 072 shall have a deviation of ±75 kHz, frequency response 40 - 15 kHz and S/N ratio of 60 dB when used with the PPA T35.

The SLD 072 shall be FCC, RoHS and WEEE compliant.

The receiver shall have a five year warranty and be called the Williams Sound Corp. SLD 072.

*90 days on accessories.

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