

Personal PA™ FM Receiver, Model PPA R35

Description:

The stylish, impact-resistant R35 single-channel receiver is compatible with any Williams Sound Personal PA transmitter operating on the 72-76 MHz bandwidth. The PPA R35 includes two AA alkaline batteries for 100 hours of long-lasting operation. It features a volume control/on/off dial, earphone jack and LED power indicator.

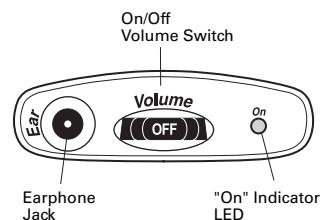
Applications:

• Churches • Schools • Auditoriums • Conference Rooms • Theaters

PPA R35 Receiver:

Dimensions:	4.1" L x 2.85" W x 1.2" H (104.1 mm x 72.4 mm x 30.4 mm)
Weight:	4.5 oz (127 g)
Color:	Gray
Battery Type:	Two (2) AA non-rechargeable alkaline batteries (BAT 001), approx. 100 hours battery life or Two (2) AA rechargeable NiMH batteries (BAT 026), 1400 mAh, approx 56 hours battery life
Current Consumption:	Nominal 40 mA
FCC ID:	CNM R35
Industry Canada Cert.:	1360A-R35
Operating Freq.:	Pre-tuned, adjustable, 72 MHz-76 MHz *
Intermediate Freq.:	75 kHz
FM Deviation:	75 kHz
De-Emphasis:	75 μ S
AFC Range:	\pm 120 kHz
Sensitivity:	2 μ V at 12 dB Sinad with squelch defeated
Input Overload:	20 mV
Frequency Response:	100 – 15 kHz, \pm 3 dB
Signal-to-Noise Ratio:	65 dB at 10 μ V
Receive Antenna:	Integral with earphone/headphone cord
Audio Output:	35 mW, max. at 16 Ω
Output Connector:	3.5 mm mono phone jack
Earphone:	Earbud-type with foam cushion, 3.5 mm plug, 32 Ω
Notes:	The R35 Receiver can be field tuned to any of 10 wideband channels using the PLT 005 Tuning Tool.
Warranty:	Five years, parts and labor. 90 days on cords, earphones, headphones, batteries and other accessories

Note: *FCC rules limit the use of the 72-76 MHz band to hearing assistance for the handicapped only.



R35 Top



R35 Front

NOTE: SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE!

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Bid Specs:

The R35 receiver shall be encased in a gray, polycarbonate impact-resistant plastic with a hinged door for battery installation. The receiver shall be a body-pack type and include a detachable belt-clip for hands-free operation. The receiver shall have a 3.5 mm mono phone jack and accommodate low-impedance mono earphones, headphones and neckloops telecoil couplers. The receiver shall have a combination volume control and power on/off rotator dial, and a green LED power "on" indicator. The LED power "on" indicator shall illuminate red to indicate low battery power. There shall be a screwdriver adjustable tuning pot accessible through the battery door. There shall be a slide selection switch located through the battery door for choosing Alkaline or NiMH battery operation. There shall be drop-in charger contacts on the bottom of the receiver unit. The receiver shall be pre-tuned to one of 10 available channels from 72-76 MHz and field adjustable by internal tuning coil. The receiver shall operate up to approx. 100 hours when using 1.5 V AA Alkaline batteries, and shall operate up to approx. 50 hours when using 1.5 V NiMH rechargeable AA batteries.

The receiver shall receive FM signals in the 72-76 MHz audio assistance band with 75 μ S de-emphasis. The receiver shall provide a maximum output of 35 mW at 16 Ohms with an earbud-type earphone. The system's electrical frequency response shall be 100 Hz to 15 kHz, \pm 3 dB and the signal-to-noise ratio shall be 65 dB at 10 μ V. The receiver shall have a sensitivity of 2 μ V at 12 dB Sinad.

The receiver shall be covered by a five years parts and labor warranty, excluding earphones, headphones, batteries and chargers. The receiver model shall be the Williams Sound Corp. model PPA R35.

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Contact:

United States and Mexico

Williams Sound Corp.
10321 W. 70th Street
Eden Prairie, MN 55344
Ph: 800-328-6190 / 952-943-2252 / FAX: 952-943-2174
Web: www.williamssound.com
Email: info@williamssound.com

Canada

Thorvin Electronics
2861 Sherwood Heights Dr. Units 36-37
Oakville, ON L6J-7K1 Canada
Ph: 800-323-6634 / 905-829-3040 / FAX: 905-829-4196
Web: www.thorvinelectronics.com

South America

DPTech
SIA Trecho 3/4 Lote 335 2°. Andar
71200-030 Brasília, DF
BRAZIL
Ph: (5561) 361-1384
Fax: (5561) 361-0948
Web: www.dpotech.com.br
Email: ws@dpotech.com.br

Europe and Asia

International Sales Department
Williams Sound Corp.
10321 W. 70th Street
Eden Prairie, MN 55344 USA
Phone: +1 651 493 2578 or +1 952 943 2252
Fax: +1 952 943 2174
Email: doreni@williamssound.com
Web: www.williamssound.com