

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, ear-phone jack and LED power indicator.

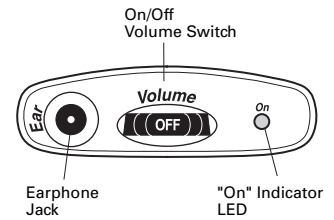
Applications:

- Churches • Schools • Auditoriums • Conference Rooms • Theaters

PPA R35 Receiver

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|------------------------|--|
| 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), 1600 mAh, approx 56 hours battery life |
| Current Consumption: | Nominal 40 mA |
| Operating Freq.: | Pre-tuned, adjustable, 72 MHz-76 MHz * |
| Intermediate Freq.: | 75 kHz |
| FM Deviation: | 75 kHz |
| De-Emphasis: | 75 µS |
| LED Indicator: | Power: Green; Low Battery: Red |
| AFC Range: | ± 120 kHz |
| Sensitivity: | 2 µV at 12 dB Sinad with squelch defeated |
| Input Overload: | 20 mV |
| Frequency Response: | 100 – 15 kHz, ± 3 dB |
| Signal-to-Noise Ratio: | 65 dB at 10 µV |
| 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 17 wideband channels using the PLT 005 Tuning Tool. |
| Approvals: | FCC, Industry Canada, RoHS, WEEE |
| 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.



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, PC/ABS 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, neckloops, and 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 17 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 have FCC, Industry Canada approvals, and be compliant with RoHS and WEEE regulations. 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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