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 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 13 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.

NOTE: SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE!
Personal PA™ FM Receiver, Model PPA R35

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 13 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 µS 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, ± 3 dB and the signal-to-noise ratio shall be 65 dB at 10 µV. The receiver shall have a sensitivity of 2µV 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.

NOTE: SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE!
Personal PA™ FM Receiver, Model PPA R35

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.dptech.com.br
Email: ws@dptech.com.br

**Europe and Asia**
International Sales Department
Williams Sound Corp.
10321 W. 70th Street
Eden Prairie, MN  55344 USA
Phone: +1 952 224 7791 or +1 651 493 2578
Fax: +1 952 943 2174
Email: doreeni@williamssound.com
Web: www.williamssound.com