Personal PA™ Receiver
PPA R35-8
Instructions For Use & Care

Battery Safety & Disposal
CAUTION! Do not attempt to recharge disposable batteries, which may explode, release dangerous chemicals, cause burns, or other serious harm to the user or product.

Medical Device Safety
CAUTION! Before using this product with an implantable or other medical device, consult your physician or the manufacturer of your implantable or other medical device.

Recycling Instructions
Help Williams Sound protect the environment! Please take the time to dispose of your equipment properly.

Operating Instructions
1. Install AA batteries: Open the battery compartment by lifting the tab on the back of the receiver with your finger. To remove depleted batteries, pull up on the fabric strip.

IMPORTANT: If Alkaline (non-rechargeable) batteries are being installed, slide the battery selection switch in the battery compartment to the "Alkaline" position. See FIG. A. If installing NiMH (or rechargeable) batteries, slide the battery selection switch to the "NiMH" position.

Press the batteries into place over the fabric strip. Be sure to observe proper polarity (+/–). Damage due to improper battery installation may void the warranty on the product. Close the battery door. LED will flash when the batteries are getting low; continue to use until the sound becomes weak or distorted, or the unit quits operating, then replace or recharge batteries.

FIG B: R35-8 Control Panel

2. Plug the earphone or headphone into the Headphone Jack on the receiver's control panel.

3. Turn the receiver on by rotating the Volume control knob. The ON indicator should illuminate RED.

4. Select the channel you'd like by turning the Channel selector on the control panel. Choose between 8 standard frequencies: 72.1, 72.3, 72.6, 72.8, 74.7, 75.4, 75.7, or 75.9 MHz.

Important: Make sure the receiver frequency matches the transmitter frequency!

5. Adjust the volume to a comfortable listening level.

6. To turn the receiver off, rotate the Volume control knob to the left until it clicks off. The ON indicator should not be lit. To prolong the life of the batteries, turn the receiver off when it is not in use.

Battery Information
The PPA R35-8 Blaster can use two (2) disposable AA batteries (BAT 001) or two (2) AA rechargeable batteries (BAT 026). Note: The BAT 026 provides longer life than other rechargeables. Do not substitute other rechargeable batteries and chargers.

Low Battery Indicator
The "ON" indicator on top of the unit will flash to indicate low battery.

Recharging
If the R35-8 is equipped with rechargeable batteries, up to 12 units can be charged at one time in the optional DNR 2121212 multicarger. Refer to the MAN 116 charger instruction sheet for complete charging instructions. For ordering information, please contact Williams Sound at 800-843-3544.

Earpad Cleaning
Do not immerse the earphone in water or other cleaning agent. The earpads may be removed and washed with a mild laundry soap solution, rinsed thoroughly, and air-dried. You may also opt to purchase new foam pads. Call the factory for more information: 800-843-3544.
System Specifications

Personal PA® R35-8 Receiver

Dimensions: 4.5” H x 2.85 W x 1.2” D (115 mm x 72 mm x 30 mm)

Weight: 4.6 oz (130 g)

Color: Black

Battery Type: Two (2) AA non-rechargeable alkaline batteries (BAT 001), approx. 50 hours battery life; or Two (2) AA rechargeable NiMH batteries (BAT 026), 1400 mAh, approx. 32 hours battery life.

Current Consumption: Nominal 40 mA

Operating Freq: 8 channels: 72.1, 72.3, 72.6, 72.8, 74.7, 75.4, 75.7, or 75.9 MHz*. All Channels Not Available on the PPA T20 Transmitter

Intermediate Freq: 10.7 MHz

FM Deviation: +/– 75 kHz

De-emphasis: 75 μS


Sensitivity: 2 µV at 12 dB SINAD with squelch defeated

Input Overload: 200 mV

Frequency Response: 40 Hz to 15 kHz +/- 3 dB

Signal to Noise Ratio: 60 dB at 100 µV

Receiver Antenna: Integral with earphone/headphone cord

Audio Output: 35 mW, max 16 ohm load

Output Connector: 3.5 mm mono phone jack

Squelch: Located inside battery door. Factory set for 25 dB S/N. Squelch may be set with JFD-7104-5 from Sprague Goodman or any flat tipped tuning tool with tip size .095 X .016

Notes: The R35-8 is NOT field tunable. The eight channels have been carefully selected to inhibit inter-modulation interference. Channel frequencies are 72.1, 72.3, 72.6, 72.8, 74.7, 75.4, 75.7, and 75.9 MHz.

Approvals: FCC, Industry Canada, RoHS, WEEE

Warranty: Five Years, Parts and Labor. 90 days on cords, earphones, headphones, batteries, and all other accessory products carry a 90 day warranty.

If you experience difficulty with your system, call Toll-Free for Customer Assistance:

1-800-843-3544 (U.S.A.) or +1 952 943 2252 (Outside the U.S.A.)

If it is necessary to return the system for service, your Customer Service Representative will give you a Return Authorization Number (RA) and shipping instructions. Pack the system carefully and send it to:

Williams Sound Corp.
Attn: Repair Dept.
10321 West 70th Street
Eden Prairie, MN 55344

Limited Warranty

Williams Sound products are engineered, designed and manufactured under carefully controlled conditions to provide you with many years of reliable service. Williams Sound warrants the PPA R35-8 receiver against defects in materials and workmanship for FIVE (5) years. During the first five years from the purchase date, we will promptly repair or replace the PPA R35-8 receiver.

Earphones, headsets, batteries, cables, carry cases, and all other accessory products carry a 90 day warranty.

WILLIAMS SOUND HAS NO CONTROL OVER THE CONDITIONS UNDER WHICH THIS PRODUCT IS USED. WILLIAMS SOUND, THEREFORE, DISCLAIMS ALL WARRANTIES NOT SET FORTH ABOVE, BOTH EXPRESS AND IMPLIED, WITH RESPECT TO THE PPA R35-8 RECEIVER, INCLUDING BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. WILLIAMS SOUND SHALL NOT BE LIABLE TO ANY PERSON OR ENTITY FOR ANY DIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES CAUSED BY ANY USE, DEFECT, FAILURE OR MALFUNCTION OF THE PRODUCT.