

FM SPECIFICATION DATA

Houses of Worship • Schools • Auditoriums • Conference Rooms • Theaters

PPA R38

Personal PA® FM Receiver with Display



The newest addition to the Personal PA FM line - the stylish, new PPA SelectView™ FM receiver - is easy on the eyes and convenient to use. The high-res OLED screen presents a quick view of receiver status and immediate access to all user settings. The highlight: on-screen channel selection with easy access to 17 pre-set, wideband frequencies (72-76 MHz).

Digitally synthesized for exceptional audio clarity and stability, the ease of the PPA SelectView™ is apparent with its digital tuning, digital squelch and battery-saving sleep mode. A stereo/mono jack adds compatibility with a variety of mono and stereo earphone/headphone options.

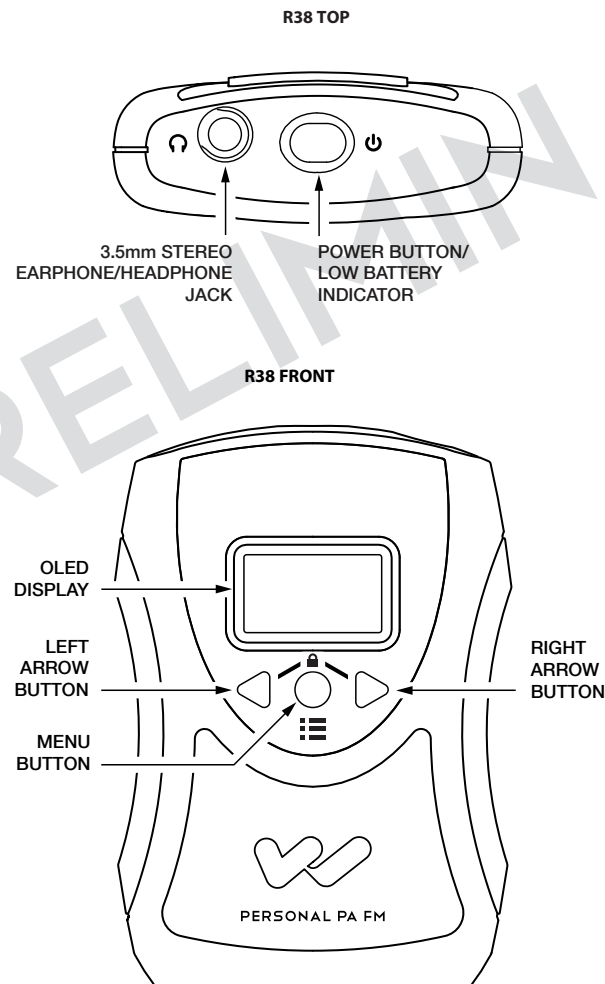
The PPA SelectView™ is rechargeable when used with NiMH AA batteries (compatible with the Williams Sound CHG 3512 and 3502 multi-bay chargers) -or- Alkaline AA batteries can also be used. And it's covered by our Lifetime PLUS Limited Warranty.

Personal PA® FM Receiver with Display

Features / Benefits

- OLED high-resolution screen - easy to read and provides a quick view of receiver status.
- All user settings are accessible via the on-screen menu – including all 17 wideband channels.
- Stylish new design
- Now features stereo headphone jack
- Rechargeable or non-rechargeable batteries
- Digital Volume Control
- 4-step battery level indication
- Display shows channel number or frequency
- Step/seek function allows user to increment channel manually, or seek to the next active channel Seek Function

PPA R38 Receiver



Personal PA® FM Receiver with Display

PPA R38 Receiver

Dimensions:	4.1" x 2.85" x 1.38" (104 x 72 x 35mm)
Weight:	4.6oz (130g) with batteries. 2.6oz (73g) without batteries
Color:	Black/Silver. Black ABS Plastic case with Aluminum faceplate.
Battery Type:	(2) AA Alkaline or (2) AA NiMH Rechargeable
Battery Life:	(2) AA non-rechargeable alkaline batteries (BAT 001-2), approx. 50 hrs
	(2) AA rechargeable NiMH batteries (BAT 026-2), 1500mAh, approx. 32 hrs
Current Consumption:	52mA nominal
Operating Temp. Range:	32° – 122°F (0° to 50°C)
Channels:	17 Wideband, accessed via menu
Operating Frequencies:	72.1, 72.2, 72.3, 72.4, 72.5, 72.6, 72.7, 72.8, 72.9, 74.7, 75.3, 75.4, 75.5, 75.6, 75.7, 75.8, 75.9 MHz*
FM Deviation:	75 kHz
De-Emphasis:	75 µS
Display Screen:	OLED
Power Indication:	Power button, backlit green. Good battery strength - glows solid. Low battery - flashes.
Sensitivity:	2 µV at 12 dB Sinad with squelch defeated
Input Overload:	100 mV
Frequency Response:	200 Hz – 15 kHz, ±3dB
Modulation:	FM, +/- 75 kHz peak deviation
Signal-to-Noise Ratio:	Minimum 65 dB @ 1.0V
Receive Antenna:	Integral with earphone/headphone cord
Audio Output:	35 mW max at 16 Ω
Headphone Connector:	3.5 mm stereo jack, mono output for stereo or mono earphones/headphones
Earphone:	Stereo, earbud-type with foam cushion, 3.5 mm plug, 32 Ω
Power Save Mode:	Enters sleep mode after approximately 3 mins of no RF signal
Approvals:	FCC, Industry Canada, RoHS, WEEE
Warranty:	Lifetime PLUS Limited Warranty, 90 Days on most accessories.

*Disclaimer: FCC rules limit use of this equipment to auditory assistance.

NOTE: SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE!

Personal PA® FM Receiver with Display

Architectural / Engineering Specifications:

The receiver shall be encased in black, PC/ABS impact-resistant plastic with a hinged battery door. The receiver shall be a body-pack style and include a detachable belt-clip for hands-free operation.

The receiver shall have a 3.5mm stereo jack to accommodate stereo or mono low impedance earphones, headphones and neckloops. The receiver shall have a power button that is backlit indicating power is on. The receiver shall receive 17 preset wideband channels between 72-76MHz. Channel selection shall be made in the menu. The receiver shall have channel-lock capability.

The receiver shall have a slide switch inside the battery compartment to select disposable Alkaline or NiMH rechargeable battery operation. It shall have charger contacts on the bottom of the receiver for use with Williams Sound drop-in chargers CHG 3512 and CHG 3502. The receiver shall operate up to 50 hours

with two disposable AA Alkaline batteries (BAT 001-2) and up to 32 hours with two AA NiMH rechargeable batteries (BAT 026-2).

The receiver shall provide a maximum output of 35mW at 16 Ω with an earbud type earphone. The systems audio frequency response shall be 200Hz to 15kHz \pm 3dB and the signal to noise ratio shall be 65dB min. The receiver sensitivity shall be 2 μ V or better at 12dB Sinad with squelch defeated. The receiver shall accept up to \pm 75kHz FM deviation and have a 75 μ S de-emphasis time constant.

The receiver shall have FCC, Industry Canada approvals and be compliant with RoHS and WEEE regulations. The receiver shall be covered by a Lifetime PLUS Limited Warranty, 90 Days on most accessories.

This receiver model shall be the Williams Sound model PPA R38.

PRELIMINARY

Personal PA® FM Receiver with Display

PRELIMINARY

Domestic Sales

Williams Sound
10300 Valley View Rd
Eden Prairie, MN 55344
Ph: 800-328-6190 / 952-943-2252
FAX: 952-943-2174
Email: info@williamssound.com
Web: www.williamssound.com

International Sales

International Sales Department
Williams Sound
10300 Valley View Rd
Eden Prairie, MN 55344 USA
Phone: +1 952 943 2252
Fax: +1 952 943 2174
Email: info@williamssound.com
Web: www.williamssound.com



WILLIAMS SOUND®
HELPING PEOPLE HEAR

800.843.3544 / info@williamssound.com / www.williamssound.com