

PPA R37

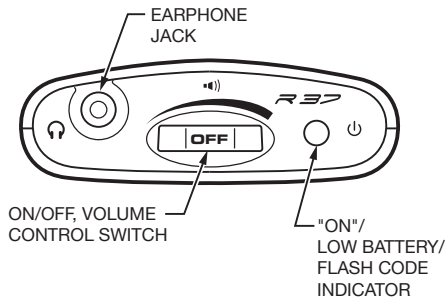
PPA Select™ FM Receiver



The PPA Select FM receiver features easy-to-use, seek-button channel selection with access to 17 pre-set wideband frequencies between 72-76 MHz. Digitally synthesized for even greater audio clarity and stability, the PPA Select also offers channel-lock capability (to prevent accidental channel change) and a battery-saving Sleep Mode. A versatile 3.5mm stereo/mono jack allows for a variety of earphone and headphone options, and is neckloop/telecoil-equipped-hearing-aid compatible. The stylish, impact-resistant PPA Select single-channel receiver is compatible with any Williams Sound Personal PA transmitter operating on the 72-76 MHz bandwidth. The PPA Select includes two AA alkaline batteries for up to 50 hours of long-lasting operation.

PPA Select™ FM Receiver

Specifications - PPA R37 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
Battery Type:	(2) AA Alkaline or 2 x AA NiMH
Battery Life:	Two (2) AA non-rechargeable alkaline batteries (BAT 001), approx. 50 hrs (2) AA rechargeable NiMH batteries (BAT 026), 1500 mAh, approx. 32 hrs
Current Consumption:	52mA nominal
Temperature Range:	- 0 to 50C
Channels	17, accessed via seek button in battery compartment
Operating Freq.:	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*
Intermediate Freq.:	75 kHz
FM Deviation:	75 kHz
De-Emphasis:	75 μS
LED Indicator:	Power: Green; Low Battery: Flashes Green
AFC Range:	± 120 kHz
Sensitivity:	2 μV at 12 dB Sinad with squelch defeated
Input Overload:	100 mV
Frequency Response:	200 – 15 kHz
Modulation:	FM, +/- 75 kHz peak deviation
Signal-to-Noise Ratio:	65 dB min @ 100 uV
Receive Antenna:	Integral with earphone/headphone cord
Audio Output:	35 mW max, peak into 16 ohms
Output Connector:	3.5 mm stereo/mono phone jack
Earphone:	Earbud-type with foam cushion, 3.5 mm plug, 32 Ω
Auto Shut-off	Enters sleep mode after approx 6 mins of no RF signal
Approvals:	FCC, Industry Canada, RoHS, WEEE
Warranty:	Lifetime PLUS Limited Warranty, 90 Days on most accessories.

NOTE: SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE!

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Architectural/Engineering Specifications:

The receiver shall be encased in black, PC/ABS impact-resistant plastic with a hinged battery door. It shall be a body-pack style and include a detachable belt-clip for hands-free operation. It shall have a 3.5 mm stereo/mono jack to accommodate stereo or mono low impedance earphones, headphones and neckloops. It shall have a combination volume control with power on/off rotator dial. It shall have a green LED indicating battery and system status codes. It shall have access to 17 preset wideband channels between 72-76 MHz. Channel selection shall be made by pushing the seek button inside the battery compartment. It 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. It shall operate up to 50 hours with two disposable AA Alkaline batteries and up to 32 hours with two AA NiMH rechargeable batteries (BAT 026).

The receiver shall provide a maximum out of 35 mW at 16 Ω with an earbud type earphone. The systems audio frequency response shall be 200 Hz to 15 kHz \pm 3 dB and the signal to noise ratio shall be 65 dB min. The receiver sensitivity shall be 2 μ V or better at 12 dB Sinad with squelch defeated. It shall accept up to \pm 75 kHz 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. It shall be covered by a Lifetime PLUS Limited Warranty, 90 Days on most accessories.

This receiver model shall be the Williams Sound model PPA R37.

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