

FM SPECIFICATION DATA

Theaters • Cinemas • Houses of Worship • Classrooms • Zoos • Any Place of Public Access

PPA VP 37

Personal PA® Value Pack System



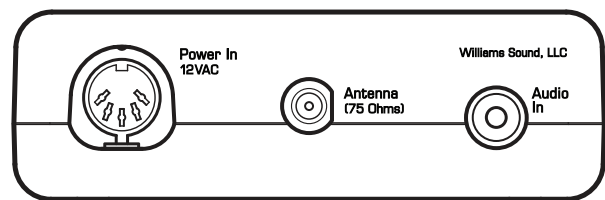
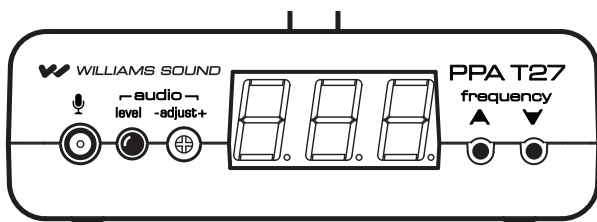
The Personal PA® Value Pack System broadcasts a speaker's voice, music program, or audio service wirelessly up to 500 feet to a listening audience. Participants wear the PPA R37 single-channel receiver (included) equipped with headset to listen at the volume of their comfort level. The cornerstone of the PPA VP systems is the T27 transmitter; it features an LED display panel and push button channel selection for easy operation. The PPA VP 37 has 17 available channels, and operates on 72-76 MHz. Each system includes (4) PPA R37 receivers and meets ADA requirements for hearing assistance. The PPA R37 receiver features easy to use, seek-button channel selection with access to 17 pre-set wideband frequencies.

The R37 receiver utilizes 3.5 mm stereo/mono jack for use with stereo or mono headphones.

Personal PA[®] Value Pack System

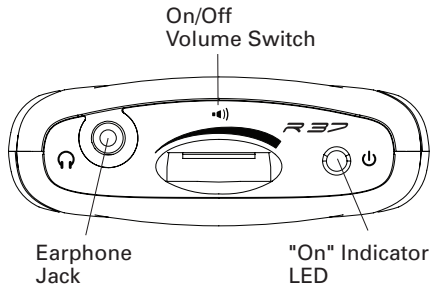
PPA T27 Transmitter:

Dimensions & Weight:	4.1" W x 6.1" L x 1.3" H (104.1 mm x 154.9 mm x 33 mm) 7.8 oz. (221 g)
Color:	Black
Power (U.S./Canada):	105-130 VAC, 50-60 Hz, 3.2 W at 120 VAC
Operating Frequencies:	72-76 MHz*: 72.1 (CH A), 72.2 (CH K), 72.3 (CH B), 72.4 (CH N), 72.5 (CH C), 72.6 (CH O), 72.7 (CH D), 72.8 (CH P), 72.9 (CH E), 74.7 (CH I), 75.3 (CH J), 75.4 (CH R), 75.5 (CH F), 75.6 (CH S), 75.7 (CH G), 75.8 (CH T), 75.9 (CH H)
Frequency Selector:	External switches, 17 channels (lockable)
RF Field Strength:	Does not exceed 80mV/m @ 3m
Nominal Range:	Up to 500 feet (152 m) w/standard ANT 021 "rubber duckie" antenna. Up to 1000 feet (305 m) w/optional ANT 005 coaxial antenna.
Modulation:	FM, 75 kHz deviation (wide-band) max.
Stability:	± .005% over 0-50°C
Pre-Emphasis:	75 µS
Frequency Response:	85Hz - 14kHz ±3dB
Distortion:	1% Max. THD
Signal to Noise Ratio:	65 dB with PPA R37 Receiver
Microphone Input:	3.5mm mini phone jack, supplies +DC for electret mics
Mic Input Level:	1-10 mV, nominal
Line-Level Input:	RCA Jack, Hi Z, unbal.
Line Input Level:	.1-1 Vrms, nominal
Input Attenuator:	Pot, screwdriver-adjustable
Antenna Outputs:	Thread mount for ANT 021 "rubber duckie" antenna or ANT 025 telescoping antenna RF connector for ANT 024 dipole or ANT 005 coaxial antenna
Approvals:	FCC, Industry Canada, RoHS, WEEE
Warranty:	Five years, parts and labor. 90 days on cords, earphones, headphones, batteries and other accessories



Personal PA[®] Value Pack System

PPA R37 Receiver



Dimensions:	4.1" H x 2.85 W x 1.38" D (104 mm x 72 mm x 35 mm)
Weight:	4.6 oz (130 g) with batteries, 2.6 oz w/o batteries (73g)
Color:	Black
Battery Type:	Two (2) AA non-rechargeable alkaline batteries (BAT 001), approx. 48 hours battery life; or Two (2) AA rechargeable NiMH batteries (BAT 026), 1500 mAh, approx 30 hours battery life
Current Consumption:	Nominal 52 mA
Operating Freq.:	17 channels: 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 or 75.9 MHz*
FM Deviation:	+75 kHz
De-Emphasis:	75 μ S
LED Indicator:	Power on: Bright Green. Low Battery: Flashes.
Sensitivity:	2 μ V at 12 dB Sinad with squelch defeated
Input Overload:	100 mV
Frequency Response:	200Hz to 15 kHz, \pm 3 dB
Signal-to-Noise Ratio:	65 dB at 100 μ V
Receive Antenna:	Integral with earphone/headphone cord
Audio Output:	35 mW, 16 ohm load Ω
Output Connector:	3.5 mm stereo phone jack, accepts either stereo or mono plug
Approvals:	FCC, Industry Canada, RoHS, WEEE
Warranty:	Five years, parts and labor. 90 days on cords, earphones, headphones, batteries and other accessories



***DISCLAIMER: FCC RULES LIMIT USE OF THIS EQUIPMENT TO "AUDITORY ASSISTANCE FOR THE HANDICAPPED."**

This device complies to "RSS-Gen Issue 2 June 2007" for Industry Canada and FCC part 15.105(b) for the United States.

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

This device complies with ICES-003 class B. Test data is available from the manufacturer on request.