

PPA T27

Personal PA® Transmitter

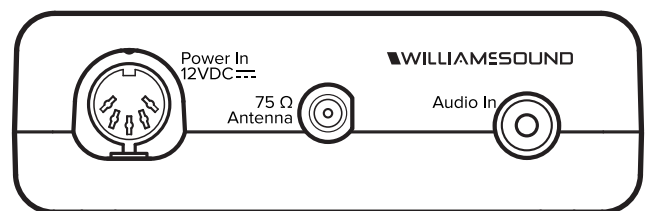
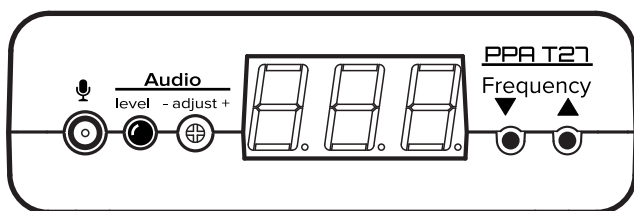


The Personal PA® T27 transmitter broadcasts a speaker's voice, music program, or audio service wirelessly up to 500 feet to a listening audience. Participants use a PPA R37 single-channel receiver (included) equipped with headset to listen at the volume of their comfort level. The T27 transmitter features an LED display panel and push button channel selection for easy operation. The PPA T27 has 17 available channels, and operates on 72-76 MHz.

Personal PA[®] Transmitter

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):	PPA T27: 12VAC, 300mA, 3.2W Power Supply: Wall Mount Class 2 transformer Input: 105-130 VAC, 50-60 Hz Output: 12VAC, 800mA, 5-pin DIN
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:	Lifetime PLUS Limited Warranty, 90 Days on most accessories.



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Bid Specs:

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The Williams AV PPA T27 shall be housed in a heavy duty black plastic case 4.1" x 6.1" x 1.3". It shall be microprocessor controlled with push button configuration. It shall have an operating range of up to 1000ft. with optional ANT 005. It shall have seventeen wideband channels operating on the hearing assistance bandwidth between 72 MHz to 76 MHz. There shall be a 'rubber duckie' antenna output through the top of the enclosure.

Front Panel:

The front panel shall have a push button controlled LED digital display showing the frequency selection. Once a frequency is selected, there shall be a lock or unlock feature by holding down both the up and down frequency buttons for three seconds. There shall be a 3.5mm mono microphone input jack for two wire electret microphones. It shall have a rotary input level control. There shall be up and down frequency select buttons.

Back panel:

The PPA T27 shall be powered by a 24VAC power supply via a 5 pin DIN connector. It shall have a 75 Ohm F-connector antenna output. It shall have a Line-level, high impedance RCA, mono/unbalanced input.

The PPA T27 shall have FCC, Industry Canada approvals, be compliant with RoHS and WEEE regulations, and be powered by a UL and CSA approved power supply. It shall be covered by a five-year parts and labor warranty. It shall be compatible with Williams AV FM equipment operating on 72 MHz to 76 MHz. The Transmitter shall be the Williams AV model number PPA T27.

***DISCLAIMER: FCC RULES LIMIT USE OF THIS EQUIPMENT TO AUDITORY ASSISTANCE**

NOTE: SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE!

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