

Personal PA™ FM Transmitter • Model PPA T36



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Description:

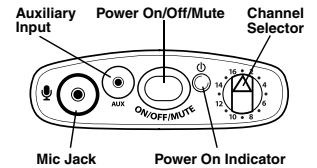
The Personal PA™ T36 transmitter will broadcast a speaker's voice on one of sixteen available channels, 72-76 MHz, to listeners using a R33, R35, R35-8, R36 or R1600 receiver. The unit features flexible mic and auxiliary inputs, push-button on/off/mute controls, channel lock and selectable compression. Lightweight and portable, the PPA T36 will operate up to 150 feet (46 m) from the listening audience. It is ideal for providing hearing assistance for students in the classroom, tour group participants, employee training, business meetings and more. For order information on the PPA T36, contact Williams Sound Corp. at 800-843-3544.

Applications:

Classrooms • Job Consultation • Job Training • Tours • Group Meetings

PPA T36 FM Transmitter:

Dimensions:	<u>4.1" L x 2.8" W x 1.1" H (104 mm x 71 mm x 28 mm)</u>
Weight:	<u>2.6 oz (74 g), no batteries</u>
Color:	<u>Black, shatter-resistant PC/ABS plastic</u>
Battery Type:	<u>Two (2) AA 1.5 V non-rechargeable Alkaline batteries (BAT 001), 70 mA nominal current drain, 30 hours approx. life or Two (2) AA 1.5 V NiMH rechargeable batteries (BAT 026), 70 mA nominal current drain, 20 hours per charge approx., recharges in 14-16 hours, uses CHG 3502 or CHG 3512 Charger</u>
Operating Freq's:	<u>Selectable, 16 channels, 72.1 – 75.9 MHz* (channels 1-8 correspond with R35-8 receiver channels)</u>
Stability:	<u>± .005%, frequency synthesized, crystal reference, PLL</u>
Modulation:	<u>Wide-band FM, 75 kHz pk, 75 µS pre-emphasis</u>
RF Output:	<u>80 mV/m at 3 m (max. allowed by FCC rules)</u>
Freq Response:	<u>200 Hz to 13 kHz, ± 3 dB at 1% max. THD</u>
Signal-to-Noise Ratio:	<u>65 dB (typical) transmitted</u>
Transmit Antenna:	<u>Integral with microphone cord</u>
Microphone:	<u>Electret type, 3.5 mm mono phone plug</u>
External Controls:	<u>Momentary push button: push and hold 3 seconds for power On/Off, push and release for microphone mute On/Off; Rotary sixteen channel switch (with internal channel lock switch)</u>
Mic Input:	<u>3.5 mm mono phone jack with electret mic bias, internal adjustable gain with 25 dB range</u>
Aux Input:	<u>2.5 mm stereo phone jack, internal adjustable gain with 60 dB range</u>
Audio Compression:	<u>1:1 or 2:1 ratio selected with internal slide switch</u>
Compatible Receivers:	<u>PFM R31, PFM R32, PFM R33, PFM R36, PPA R35, PPA R35-8, PPA R1600</u>
Approvals/Directives:	<u>FCC, Industry Canada, RoHS, WEEE</u>
Warranty:	<u>5 years, parts and labor (90 days on accessories)</u>
Note:	<u>FCC regulations, section 15.21, requires the user to comply with the rules of transmitter operation. Any changes or modifications made by the user not expressly approved for compliance may result in the loss of all privileges and authority to operate the equipment</u>



T36 Top



T36 Front

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

NOTE: SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE!

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Bid Specs:

The PPA T36 is a wide band body-pack transmitter and shall operate on 16 selectable frequencies between 72MHz and 76MHz. It shall operate for up to 30 hrs with two AA Alkaline batteries and shall be housed in a black plastic enclosure. The T36 shall have a 3.5 mm microphone jack and a 2.5 mm auxiliary audio input jack. The T36 shall have access to channel select, compression on/off, channel lock, master gain and aux gain inside the battery compartment. There shall be a power switch which also serves as a microphone mute control on the top bezel of the transmitter.

The T36 shall have wide band modulation at 75kHz peak with a frequency response of 200Hz to 13kHz. The transmitting antenna shall be integrated into the microphone cable.

The PPA T36 shall be covered under a five year parts and labor warranty. This transmitter shall be the Williams Sound Corp. PPA T36.

Contact:

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