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# FM ADA KIT 37

FM ADA Compliance Kit



The Williams Sound FM ADA Kit 37 provides everything you need to accommodate individuals for hearing accessibility in a small-group setting. This portable, easy-to-use FM system operates on one of 16 selectable channels, 72-76 MHz, at a range of up to 150 feet.

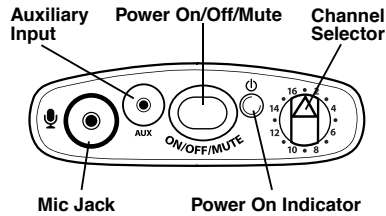
## System includes:

- PPA T36 belt pack transmitter
- (4) PPA R37 receivers
- (4) HED 027 headphones
- NKL 001 neckloop
- MIC 090 lavalier microphone
- MIC 049 desktop conference microphone (effective up to 12' on table top)
- CCS 029 carry case
- (10) AA batteries
- IDP 008 ADA wall plaque

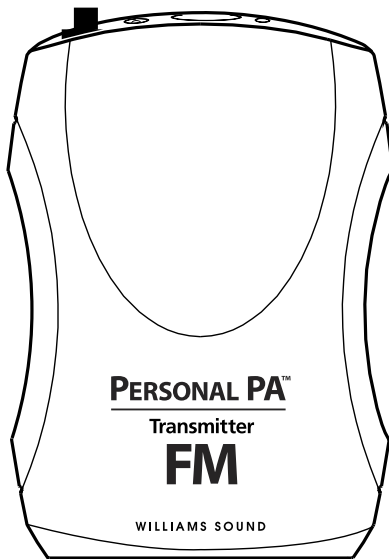
# FM ADA Compliance Kit

## PPA T36 FM Transmitter:

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 at 800-328-6190.



T36 Top



T36 Front

<b>Dimensions:</b>	4.1" L x 2.8" W x 1.1" H (104 mm x 71 mm x 28 mm)
<b>Weight:</b>	2.6 oz (74 g), no batteries
<b>Color:</b>	Black, shatter-resistant PC/ABS plastic
<b>Battery Type:</b>	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
<b>Operating Freq's:</b>	Selectable, 16 channels, 72.1 – 75.9 MHz* (channels 1-8 correspond with R35-8 receiver channels)
<b>Stability:</b>	± .005%, frequency synthesized, crystal reference, PLL
<b>Modulation:</b>	Wide-band FM, 75 kHz pk, 75 µS pre-emphasis
<b>RF Output:</b>	80 mV/m at 3 m (max. allowed by FCC rules)
<b>Freq Response:</b>	200 Hz to 13 kHz, ± 3 dB at 1% max. THD
<b>Signal-to-Noise Ratio:</b>	65 dB (typical) transmitted
<b>Transmit Antenna:</b>	Integral with microphone cord
<b>Microphone:</b>	Electret type, 3.5 mm mono phone plug
<b>External Controls:</b>	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)
<b>Mic Input:</b>	3.5 mm mono phone jack with electret mic bias, internal adjustable gain with 25 dB range
<b>Aux Input:</b>	2.5 mm stereo phone jack, internal adjustable gain with 60 dB range
<b>Audio Compression:</b>	1:1 or 2:1 ratio selected with internal slide switch
<b>Compatible Receivers:</b>	PFM R31, PFM R32, PFM R33, PFM R36, PPA R37, PPA R35-8, PPA R1600
<b>Approvals/Directives:</b>	FCC, Industry Canada, RoHS, WEEE
<b>Warranty:</b>	5 years, parts and labor (90 days on accessories)
<b>Note:</b>	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

**NOTE: 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**

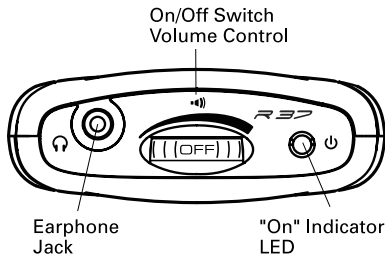
**\*DISCLAIMER: FCC RULES LIMIT USE OF THIS EQUIPMENT TO AUDITORY ASSISTANCE FOR THE HANDICAPPED.**

**NOTE: SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.**

# FM ADA Compliance Kit

## PPA R37 Receiver

PPA R37 is a 17-channel receiver operating on the 72-76 MHz bandwidth. Features include: seek-button channel selection, channel-lock capability, battery-saving Sleep Mode, on/off volume control, power/low battery indicator and stereo/mono earphone jack.



**R37 Top**



**R37 Front**

<b>Dimensions:</b>	4.1" L x 2.85" W x 1.38" D (104 mm x 72 mm x 35 mm)
<b>Weight:</b>	4.6 oz (130 g) with batteries, 2.6 oz w/o batteries (73g)
<b>Color:</b>	Black
<b>Battery Type:</b>	Two (2) AA non-rechargeable alkaline batteries (BAT 001), approx. 48 hours battery life, or Two (2) AA rechargeable NiMH batteries (BAT 026), 1600 mAh, approx 30 hours battery life
<b>Current Consumption:</b>	Nominal 52 mA
<b>Operating Freq.:</b>	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*.
<b>FM Deviation:</b>	+75 kHz
<b>De-Emphasis:</b>	75 µS
<b>LED Indicator:</b>	Power: Bright Green. Low Battery: Flashes.
<b>Sensitivity:</b>	2 µV at 12 dB Sinad with squelch defeated
<b>Input Overload:</b>	100 mV
<b>Frequency Response:</b>	200 Hz to 15 kHz, ± 3 dB
<b>Signal-to-Noise Ratio:</b>	65 dB at 100 µV
<b>Receiver Antenna:</b>	Integral with earphone/headphone cord
<b>Audio Output:</b>	35 mW, max. 16 ohm load
<b>Output Connector:</b>	3.5 mm stereo phone jack, accepts either stereo or mono plug
<b>Approvals:</b>	FCC, Industrie Canada, RoHS, WEEE
<b>Warranty:</b>	Five years, parts and labor. 90 days on cords, earphones, headphones, batteries and other accessories

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**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.**

### 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](mailto:info@williamssound.com)  
Web: [www.williamssound.com](http://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](mailto:info@williamssound.com)  
Web: [www.williamssound.com](http://www.williamssound.com)



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