

# ONE 2 ONE™ FM Transmitter • Model T1-216



## Description:

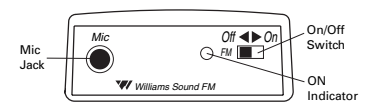
The PPA T1-216 is a narrowband, single-channel, body-pack style transmitter that operates on the 216 MHz bandwidth. The T1-216 will operate up to 100-300 feet and accommodate any number of users with additional receivers. The T1-216 features an impact-resistant case and a belt clip for hands-free operation. Each transmitter is frequency synthesized and crystal controlled for rock-solid tuning. Each transmitter features drop-in charging points, which allows up to 16 units to be charged at once in a single CHG 1600 multi-charger. The T1-216 is portable, requires no installation and is available with a variety of microphone options.

## Applications:

- Group Tours • Destination Marketing Organizations • Cruise Ships • Tourism Offices • University Tours
- Large-Scale Guided Attractions • Museum & Presentation Centers • Factory/Plant Tours
- Conferences Requiring Language Interpretation • Chambers of Commerce

## T1-216 Transmitter:

Dimensions:	3-5/8" L x 2-3/8" W x 7/8" H (92.1 mm x 60.3 mm x 22.2 mm)
Weight:	4.4 oz (125 g) with batteries
Color:	Neptune blue, shatter-resistant polypropylene
Battery Type:	Two (2) AA 1.5 V non-rechargeable Alkaline batteries (BAT 001), 120 mA nominal current drain, 8 hours approx. life (OR) two (2) AA 1.5 V NiMH rechargeable batteries (BAT 026), 120 mA nominal current drain, 6 hours per charge approx., recharges in 14-16 hours, uses CHG 1600 Multiple Battery Charger
Operating Frequencies:	216.325 MHz, standard (216.425, 216.625, 216.725 MHz optional)
Stability:	± .005%, crystal reference, PLL
Modulation:	Narrow-band FM, 10 kHz P-P, 100 µS pre-emphasis
RF Output:	1.5 mW typical
Freq Response:	100 Hz to 10 kHz P-P, ± 3 dB at 1% max. THD
Signal-to-Noise Ratio:	55-60 dB, with R1-216 Receiver
Compressor:	Compressor uses adjustable slope and noise gate
Transmit Antenna:	Integral with 39" microphone cord
Microphone:	Noise-cancelling, headset type, 39" cord, 3.5 mm mono phone plug (MIC 044)
Controls & Indicators:	On/Off switch, slide-type; "On" Indicator LED
Mic Connector:	3.5 mm mono phone jack
Charging Contacts:	Designed for use with CHG 1600 & CHG 200 Multiple Battery Chargers
Approvals:	FCC, WEEE
Warranty:	5 years, parts and labor *



T1-216 Top



T1-216 Front

\*90 days on accessories.

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

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## Bid Specs:

The PPA T1-216 is a narrowband body pack transmitter and shall operate on the 216 MHz frequency bandwidth. Frequency synthesized, crystal referenced, PLL. It shall be powered by two AA non-rechargeable alkaline batteries providing 8 hours operation and 6 hours per charge with two NiMH rechargeable batteries. It shall be housed in a Neptune-blue shatter-resistant polypropylene case with a hinged battery door that does not detach from the transmitter. It shall provide narrowband modulation at 10 kHz P-P with 100  $\mu$ S pre-emphasis and 1.5 mW RF output power. It shall have a 3.5 mm mono microphone jack and a slide type ON/OFF switch. It shall have drop-in charging points on the bottom of the unit. The transmitting antenna shall be integral with 40-inch microphone cord.

The transmitter shall have FCC and WEEE approval and be covered by a five-year parts and labor warranty.\* This transmitter shall be the Williams Sound Corp. model PPA T1-216.

\*90 days on accessories.

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## Contact:

### United States

Williams Sound Corp.  
10321 W. 70th Street  
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)

### Canada

Thorvin Electronics  
2861 Sherwood Heights Dr. Units 36-37  
Oakville, ON L6J-7K1 Canada  
Ph: 800-323-6634 / 905-829-3040  
FAX: 905-829-4196  
Web: [www.thorvinelectronics.com](http://www.thorvinelectronics.com)

### United Kingdom

Sound Associates  
Keeble House, 81 Island Farm Road  
West Molesey, Surrey KT 2SA  
United Kingdom  
Ph: (44) 020 8939 5900  
Fax: (44) 020 8939 5901  
Email: [jmurdoch@soundassociates.co.uk](mailto:jmurdoch@soundassociates.co.uk)  
Web: [www.soundassociates.com](http://www.soundassociates.com)

### Asia, Australia, Latin America, Middle East, South Africa

International Sales Department  
Williams Sound Corp.  
10321 W. 70th Street  
Eden Prairie, MN 55344 USA  
Phone: +1 952 224 7791 or +1 651 493 2578  
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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