

ONE 2 ONE™ FM Transmitter • Model T1-216



Description:

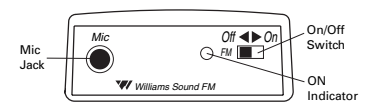
The PPA T1-216 is a narrowband, single-channel, body-pack style transmitter that operates on the 216 MHz bandwidth. The T1-216 will operate up to 100-300 feet and accommodate any number of users with additional receivers. The T1-216 features an impact-resistant case and a belt clip for hands-free operation. 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 μ 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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