

FM Narrow-Band Transmitter, Model T16

Description:

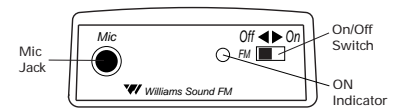
The T16 is a narrow-band, body-pack style transmitter that features ten selectable frequencies between 72 MHz and 76 MHz. It operates up to 15 hours with a 9V alkaline battery, and will transmit a signal over a distance of 100' to 300' (30-45 m) to any number of users with 72-76 MHz compatible receivers. The T16 transmitter is easy to set up and use—no installation is required. Multiple microphone options are available. The 3.5 mm mic jack conveniently serves as a charging jack for rechargeable batteries.

Applications:

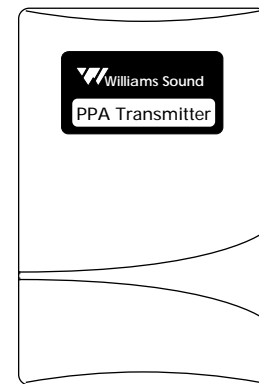
- Factory Tours • Museum Tours • Power Plant Tours • Theme Park Tours • Zoo Tours

T16 Transmitter:

Dimensions & Weight:	3-5/8" L x 2-3/8" W x 7/8" H (92.1mm x 60.3 mm x 22.2 mm); 3.2 oz (90 g) with battery
Color:	Gray
Battery Type:	9 Volt, Eveready 522 Alkaline or BAT 003 7-cell NiMH
Battery Drain:	30 mA, nominal
Battery Life:	15 hours with Eveready 522, 3 hours/charge with BAT 003
Operating Frequency:	*10 channels, 72.1, 72.3, 72.5, 72.7, 72.9, 75.5, 75.7, 75.9, 74.7, 75.3 MHz (Ch. G, 75.7 MHz is standard)
Stability:	± .005%, frequency synthesized, crystal reference, PLL
Modulation:	Narrowband, 5 KHz
Pre-Emphasis:	300 µS
Limiter:	Fast-attack, fast decay compressor
RF Output:	30 mW typical
FCC ID:	CNM T16
Frequency Response:	100 to 10 KHz, ± 3 dB
Distortion:	1% max., THD
Signal-to-Noise Ratio:	40-45 dB, with R19, R19-6
Automatic Gain Control:	40 dB range, 30 mV threshold
Transmit Antenna:	Integral with 40" microphone cord
Microphone:	Noise-cancelling headset, condenser, powered by the transmitter, 40" cord, 3.5 mm mini phone plug
Controls:	On/Off switch, slide-type
Microphone Connector:	3.5 mm mini phone jack, also serves as a charging jack for rechargeable battery
Warranty:	5 years, parts and labor (90 days on accessories)



T16 Top



T16 Front

Bid Specs:

The T16 is a narrow-band body pack transmitter and shall operate on ten selectable frequencies between 72 MHz and 76 MHz. Frequency synthesized, crystal referenced, PLL. It shall be powered by a 9 volt battery providing 15 hours operation when using Alkaline non-rechargeable battery and 3 hours per charge with a 7 cell rechargeable NiMH battery. It shall be housed in a gray shatter-resistant polypropylene case with a hinged battery door the does not detach from the transmitter. It shall provide wideband modulation at 5 KHz with 300 µS pre-emphasis and 30 mW RF output power. It shall have a 3.5 mm mono microphone jack (which also serves as the charging jack) and a slide type ON/OFF switch. The transmitting antenna shall be integral with 40-inch microphone cord. The transmitter shall be covered by a five-year parts and labor warranty (90 day for microphones and accessories). This transmitter shall be the Williams Sound Corp. model T16.



NOTE: SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE!

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