

Williams Sound FM Tour Guide System

Portable FM Hearing Assistance



The Williams Sound Tour Guide System: T16 Transmitter; MIC 044 Headset Microphone; 6 TGS R7 Receivers with HED 021 Headphones, CCS 001 Belt Clip Cases, and BAT 002 9V Batteries; CCS 009 F4 Briefcase-style Carry Case

***DON'T EVER
LET YOUR
TOUR MESSAGE
GET LOST
AGAIN!***

► Are You Sure Everyone Can Hear You?

The Williams Sound FM Tour Guide System helps tour group members with hearing difficulties overcome background noise and distance from the guide—even in noisy surroundings. Use it in factories, museums, power plants, zoos, theme parks, tourist attractions, bus tours, or walking tours—anywhere a hearing assistance is needed for tour-type presentations.

► Make It Easier For Them ... And You

Public, private, or VIP tours are easy with the Tour Guide System. It saves the tour guide's voice, listeners don't miss the message, and the presentation doesn't disturb others. It also fulfills the Americans with Disabilities Act

(ADA) accessibility requirements for hearing assistance.

► Works Like A Portable Radio Station

Your tour guide wears a compact, body-pack transmitter and headset microphone. Listeners use portable receivers and lightweight headphones to hear every word clearly and easily, even in the back of the group.

► Easy To Set Up & Use

The portable, wireless listening system is easy to set up and use. No installation is required. Operating over a distance of 100' to 300' (30-45m), it accommodates any number of users with additional receivers.

► 10 FM Channels For Maximum Versatility

The Williams Sound FM Tour Guide System offers you ten FM channels to accommodate multiple tour groups. What's more, a variety of accessory earphones, headphones, and chargers are available to meet your particular needs.

► The Williams Sound Warranty: Your Assurance Of Quality

The Williams Sound FM Tour Guide System is backed by a 5-year warranty on the transmitter and receivers*... your assurance of quality and satisfaction.

* 90 days on headphones, microphones, and accessories

WILLIAMS SOUND FM TOUR GUIDE SPECIFICATIONS

PERSONAL PA Transmitter Model T16

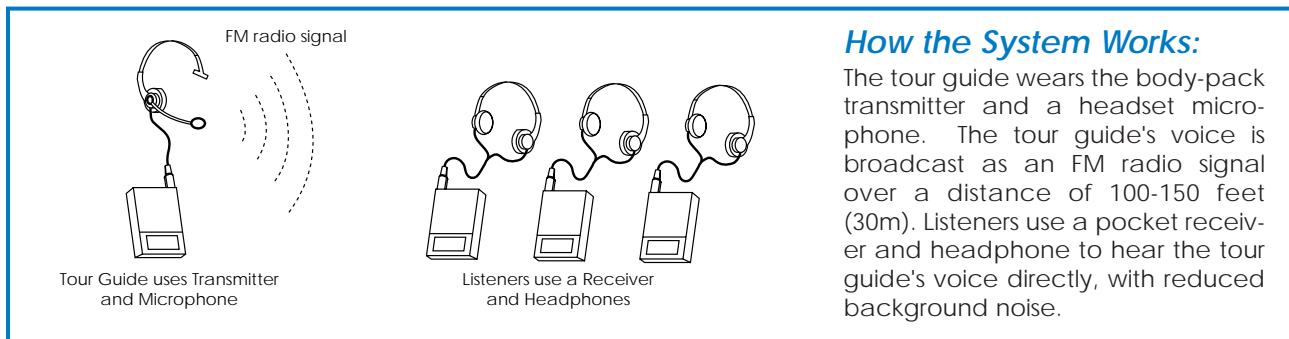
Dimensions & Weight:	3-5/8" L x 2-3/8" W x 7/8" H (92.1mm x 60.3 mm x 22.2 mm); 3.2 oz (90 g) with battery
Color:	Gray
Battery Type:	9 Volt, Eveready 522 Alkaline or BAT 003 7-cell Ni-Cad
Battery Drain:	30 mA, nominal
Battery Life:	15 hours with Eveready 522, 3 hours/charge with BAT 003
Operating Frequency:	*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:	Wideband, 75 KHz
Pre-Emphasis:	75 µS
Limiter:	Fast-attack, fast decay compressor
RF Output (Field Strength):	50 mW typical
FCC ID:	CNM T16
Frequency Response:	100 to 10 KHz, ± 3 dB
Distortion:	1% max., THD
Signal-to-Noise Ratio:	50 - 55 dB, with R7 Receiver
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

PERSONAL PA Receiver, Model PPA R7

Dimensions & Weight:	3-5/8" L x 2-3/8" W x 7/8" H (92.1 mm 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 Ni-Cad
Battery Drain:	14 mA, nominal
Battery Life:	32 hours with Eveready 522, 6 hours/charge with BAT 003
FCC ID:	CNM R7
Operating Frequency:	Pre-Tuned, Adjustable, 72 MHz - 76 MHz *
Intermediate Frequency:	70 KHz
FM Deviation:	30 KHz
De-Emphasis:	75 µS
AFC Range:	± 300 KHz
Sensitivity:	2 µV at 12 dB Sinad with squelch defeated
Squelch:	Squelches at 10 µV for minimum 50 dB S/N ratio
Input Overload:	20 mV
Frequency Response:	100 to 10 KHz, ± 3 dB
Signal-to-Noise Ratio:	50 dB at 10 µV
Receive Antenna:	Integral with earphone/headphone cord
Audio Output:	250 mW, max. at 16 Ohms
Output Connector:	3.5 mm mini phone jack, also serves as a charging jack for rechargeable battery
Headphone:	Lightweight, mono, 3.5mm plug, 16Ω

* Note:

FCC Rules limit the use of the 72-79 MHz band to hearing assistance for the handicapped only. Other frequencies are available that do not have this use restriction.



Your Authorized Williams Sound Dealer Is:

Williams Sound Corp.
10399 West 70th St., Eden Prairie, MN 55344-3459
U.S.A. 800-328-6190 / 952-943-2252 / FAX: 952-943-2174
www.williamssound.com