

# UHF Tour Guide System

Anchor Assistive Listening Systems

## Advancing Technology

This multi-purpose portable system provides one-way communication that helps cut through the background noise. Your tour guide or interpreter wears a compact body-pack transmitter w/ headset microphone. Listeners use portable belt pack receivers and lightweight headphones to hear every word clearly and easily.

16 USER SELECTABLE UHF CHANNELS

ADA COMPLIANT

EXPANDABLE FOR UNLIMITED NUMBER OF USERS

RANGE UP TO 200' LINE OF SIGHT

STORAGE CASE AVAILABLE

**2-YEAR WARRANTY!**

**Anchor Audio Assistive Listening Systems are ideal for use in . . .**

*Guided Tours • Factories*

*Language Translation*

*Museums/Tourist Attractions*

*Classrooms/Workshops*



### TOUR GUIDE SYSTEM

**TOUR-60 . . . . . 1 Speaker/6 Listener**

System Includes:

- 1 Belt Pack Transmitter
- 1 Headband Microphone
- 6 Belt Pack Receivers
- 6 In-Ear Headphones
- 14 "AA" Batteries

### TECHNICAL SPECIFICATIONS

**WB-6000 – Belt Pack Transmitter**

System Range	Up to 200' line of sight
Frequency Range	UHF 682 – 698MHz or 863 – 865MHz
RF Power Output	682 – 998MHz @ 100 mW 863 – 865MHz @ 10 mW
Frequency Stability	± 0.005%
Maximum Deviation	± 48 KHz w/ limiting compressor
Spurious Emission T.H.D.	> 60 dB below carrier frequency < 1% @ 1KHz
Tone Key	32.768 KHz
Current Consumption	65 mA ± 5 mA (10 mW)
Dimensions (WHD)	3.86 x 2.60 x 1.02" / 98 x 66 x 26 mm

**AL-WB – Belt Pack Receiver**

System Range	Up To 200' line of sight
Frequency Range	UHF 682 – 698MHz or 863 – 855MHz
Oscillator	PLL synthesized
Receiving Mode	Single channel diversity
Frequency Stability	± 0.005%
Receiving Sensitivity	@ 5dBuV over 80 dB S/N ratio
Image & Spurious Rej.	80 dB min
Selectivity	> 50 dB
Modulation Mode	FM
IF Frequency	1 <sup>st</sup> 56 MHz / 2 <sup>nd</sup> 10.7 MHz
Dynamic Range	> 96 dB
S/N Ratio	> 94 dB @ 15KHz deviation & 60 dBuV antenna input
AF Response:	
Headphone	100 Hz – 10 KHz (± 3 dB)
Line	40 Hz – 15 KHz (± 3 dB)
T.H.D.	< 1% @ 1KHz
Power Supply	DC 3V (2 x 1.5 V AA batteries)
Audio Output:	
Headphone Stereo	20 mW
Line Stereo Level	-10 dB
Current Consumption	130 mA ± 10 mA
Dimensions (WHD)	3 x 4.2 x 1.1" / 76 x 106 x 29 mm

(FEATURES & SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE)



**Anchor Audio, Inc.**

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