

HAVING TROUBLE W/ YOUR SOUND SYSTEM?

CONDITION	POSSIBLE CAUSE
No Sound	<ul style="list-style-type: none"> power supply turned off on the transmitter and/or receiver transmitter and receiver are set to different frequencies transmitter output is not connected to mixer or amplifier input receiver is too far from transmitter metal object near transmitter or obstructions between transmitter & receiver
Sound Interference	<ul style="list-style-type: none"> adjust the antenna location when using 2 or more transmitters use different frequency setting for each interference from other wireless microphone, TV, radio, etc.
Distortion	<ul style="list-style-type: none"> transmitter volume level too high or too low interference from other wireless microphone, TV, radio, etc.

Anchor Audio Customer Service

888-444-6077

SYSTEM TECHNICAL SPECIFICATIONS

AL-TX – Base Station 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	> 60 dB below carrier frequency
T.H.D.	< 1% @ 1KHz
Power Supply	DC 12 ~ 18 V
Tone Key	32.768 KHz
Current Consumption	85 mA ± 10 mA (10 mW)
Dimensions (WHD)	8.3 x 1.7 x 7.1" / 211 x 44 x 180 mm

WB-6000 – BELT PACK TRANSMITTER

RF Power Output	10mW
Oscillator	PLL synthesized
Maximum Deviation	+/- 48 KHz
Spurious Emission	> 60 dB below carrier frequency
Tone Key	32.768 KHz
Power Supply	DC 3V (2 x 1.5 V AA Batteries)
Current Consumption	65 mA +/- 5 mA
Dimensions (WHD)	3.86 x 2.60 x 1.02" / 98 x 66 x 26mm

(Specifications subject to change without notice.)

AL-WB – Belt Pack Receiver

System Range	Up to 200' line of sight
Frequency Range	UHF 682–698MHz or 863–865MHz
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	1st 56 MHz / 2nd 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

Visit Our Website – www.anchoraudio.com – For The Latest Product Information



Anchor Assistive Listening Systems

16 Channel UHF Monitor

OWNER'S MANUAL



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Anchor Audio, Inc.

Portable Sound Systems • Torrance, California

A MESSAGE FROM THE OWNER

Thank you for choosing an Anchor Audio wireless Assistive Listening system. Our products incorporate state-of-the-art design and the finest quality of materials and workmanship. We're proud of our products and appreciate the confidence which you have shown by selecting an Anchor system.

I hope you'll take a few minutes to review this user's manual. We've incorporated several unique features into our products, and your knowledge of how to use them will enhance the performance and your enjoyment of the system.

David Jacobs, President
on behalf of all Anchor Employees

GETTING STARTED

Please check your new unit carefully for any damage which may have occurred during shipment. Each Anchor product is carefully inspected at the factory and packed in specially designed boxes for safe transport.

Notify the freight carrier immediately of any damage to the shipping box or product. Repack the unit in the original box and wait for inspection by the carrier's claim agent. Notify your dealer of the pending freight claim.

NOTE: All damage claims must be made with freight carrier!

RETURNING SYSTEMS FOR SERVICE OR REPAIR

For service or repair, please contact the dealer where system was purchased or Anchor Audio Customer Service (888/444-6077 or 310/784-2300) to obtain a RA (*Return Authorization*) number. All shipments to Anchor Audio must include RA number and be shipped prepaid. C.O.D. shipments will be refused and returned at your expense.

Customers outside the USA must contact dealer where system was purchased for service or repair instructions.

IMPORTANT: Save the shipping box & packing materials, they were specially designed to ship your unit!

WARRANTY REGISTRATION

Please go to our company website (www.anchoraudio.com) and select "Warranty Registration". Completing this online registration form will activate your two-year limited warranty on receivers & transmitters and 90-day limited warranty on headphones.

ASSISTIVE LISTENING PACKAGES & ACCESSORIES

TOUR GUIDE SYSTEM TOUR-60

Description: One speaker/Six listener system, expandable and portable.

System Includes:

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



4-USER BASIC SYSTEM ALB-40

Description: One source/Four listener system, expandable and portable.

System Includes:

- 1 - Base Station Transmitter
- 4 - Belt Pack Receivers
- 4 - In-Ear Headphones
- 8 - "AA" Batteries
- Rackmount Kit & RCA Cable



4-USER DELUXE SYSTEM ALD-40

Description: One source/Four listener system w/ wireless handheld microphone, expandable and portable.

System Includes:

- 1 - ALB-40 Basic System
- 1 - UHF-6400/HH System:
 - 1 - 64 Ch Base Station Receiver
 - 1 - 64 Ch Handheld Mic/Transmitter
- 2 - "AA" Batteries
- Rackmount Kit & RCA Cable



NOTE: Visit www.anchoraudio.com for the latest products & accessories.

ACCESSORIES FOR ASSISTIVE LISTENING SYSTEMS

Base Station TransmitterAL-TX

Body Pack ReceiverAL-WB

- Includes in-ear headphones

Body Pack Transmitter WB-6000

Headband Microphone HBM-60

Wireless Microphone UHF-6400HH

- Includes handheld microphone/transmitter
- Includes base station receiver

ASSISTIVE LISTENING SYSTEM OPERATION

DIVERSITY WIRELESS BY ANCHOR AUDIO

Anchor Audio Assistive Listening Systems are 16 channel UHF diversity wireless systems. Diversity wireless technology utilizes two independent antennae to receive signals. The diversity feature means the receiver will process the stronger of the two antenna signals, effectively minimizing dropouts and interference from other sources.

CHANNEL SELECTION

Before you can use your wireless system, you will need to select a wireless frequency and set the receivers and transmitters you are using to that channel.

1. Choose from any of the available wireless channels: 1 thru 16
2. Set each receiver and transmitter to the channel you have chosen

NOTE: To operate the transmitter & receiver must be set to the same channel.

QUICK SYSTEM SETUP INSTRUCTIONS

TOUR GUIDE SYSTEM/TOUR-60

1. Select a wireless channel
2. Set transmitter channel (page 4)
3. Set receivers to same channel (page 3)
4. Adjust volume on receivers to desired level (page 3)

4-USER BASIC SYSTEM/ALB-40

1. Select a wireless channel
2. Set transmitter channel (page 5)
3. Set receivers to same channel (page 3)
4. Connect input source to transmitter - microphone, stereo system, etc. (page 5)
5. Set output levels on transmitter (page 5)
6. Adjust volume on receivers to desired level (page 3)

4-USER DELUXE SYSTEM/ALD-40

1. Select a wireless channel
2. Set transmitter channel (page 5)
3. Set receivers to same channel (page 3)
4. Setup UHF-6400 wireless microphone (UHF-6400 User Manual)
5. Connect input source to transmitter - microphone, stereo system, etc. (page 5)
6. Set output levels on transmitter (page 5)
7. Adjust volume on receivers to desired level (page 3)

BELT PACK RECEIVER SETUP

Model: AL-WB

Belt pack receiver for use with Anchor Audio 16 channel base station transmitter, handheld microphone or belt pack transmitter. The receiver operates in the UHF band frequency and is powered by two DC 1.5V "AA" size batteries.

BELT PACK SETUP

1. INSERT BATTERIES: Open battery compartment by sliding latch down and insert two "AA" batteries.
2. SET CHANNEL: Using the included screwdriver turn the Channel Selection Dial to the same channel as the transmitter, close compartment door.

NOTE: Transmitter & receiver MUST be set to the same channel to operate.

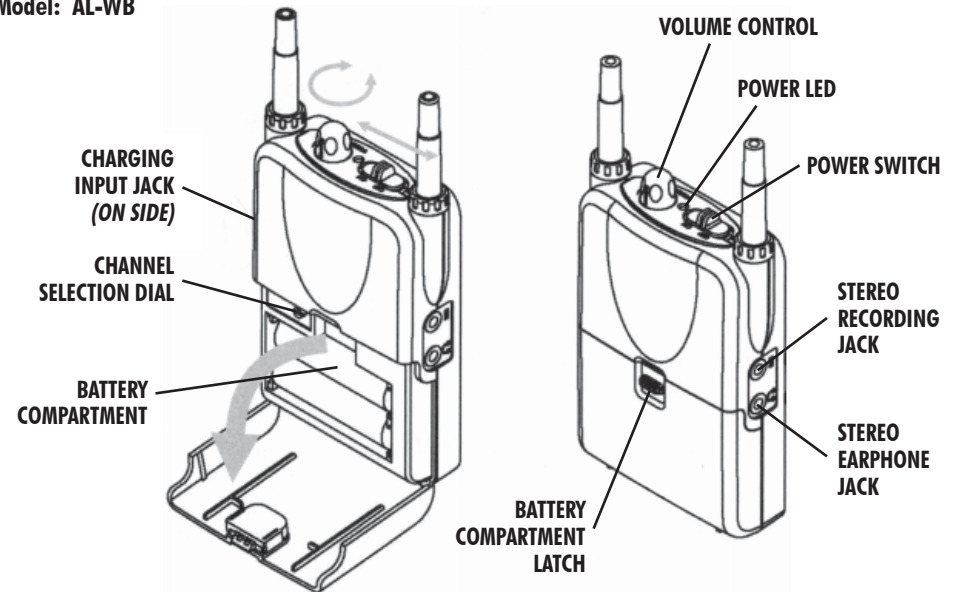
3. CONNECT HEADPHONES: Insert the stereo headphone plug into the Stereo Earphone Jack.

NOTE: For stereo audio output equipment, insert plug into the Stereo Recording Jack.

4. POWER ON: Slide the Power Switch to the "ON" position to power up the receiver.
5. VOLUME LEVEL: Adjust the volume to a comfortable listening level by turning the Volume Control knob.

BODY PACK RECEIVER

Model: AL-WB



BELT PACK RECEIVER POWER LED

Power On:	Flash red once and fade	Red Light On:	Batteries need charging
Green Light On:	Receiver is getting signal	Red Light Flashing:	Batteries are charging

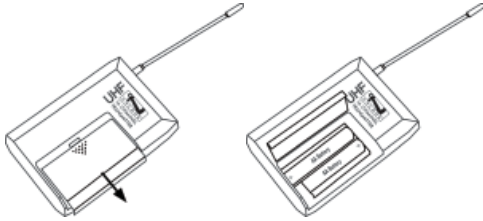
BELT PACK TRANSMITTER SETUP

Model: WB-6000

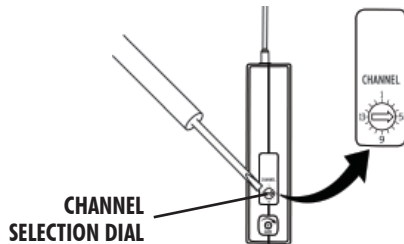
Belt pack transmitter for use with Anchor Audio 16 channel belt pack receivers. The transmitter operates in the UHF band frequency and is powered by two DC 1.5V "AA" size batteries.

BELT PACK SETUP

1. **INSERT BATTERIES:** Open battery compartment by gently push/sliding door. Insert two "AA" batteries.



2. **SET CHANNEL:** Using the included screwdriver turn the Channel Selection Dial to the same channel as the receiver.



NOTE: The transmitter and receiver MUST be set to the same channel to operate correctly.

3. **CONNECT MICROPHONE:** Insert the headband microphone plug into the jack labeled INPUT located on top of the transmitter.
4. **POWER ON:** Slide transmitter power switch to "ON". The red LED will flash when the mic is turned on, if the LED stays on, the batteries are low and need to be replaced.

NOTE: If you experience ongoing interference with your wireless system, the selected frequency may be incompatible w/ other systems in the area!

Try different channels to find a clear frequency!

BASE STATION TRANSMITTER SETUP

The Base station transmitter is for use with Anchor Audio 16 channel belt pack receivers. The transmitter operates in the UHF band frequency on 16 channels and is powered by an included AC power adapter.

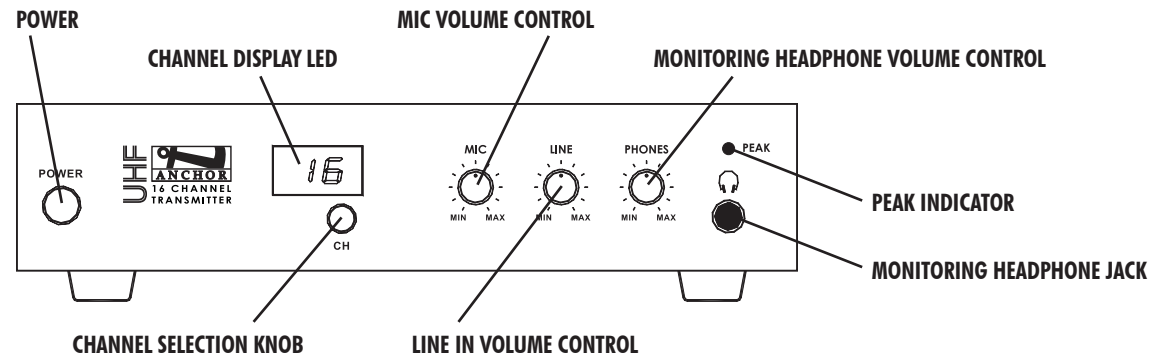
BASE STATION SETUP

1. **CONNECT ANTENNA:** Attach the UHF antenna to the Antenna Socket labeled RF OUT on the rear panel.
2. **CONNECT POWER:** Plug the AC adapter into the DC Input Jack on the rear panel. Then plug the AC adapter into a power outlet.
3. **SETUP INPUT SOURCE:** Connect a wired microphone to the Microphone Input Jack on the rear panel. Adjust the MIC Volume Control knob on the front panel to set level. Use the RCA Input Jack on the rear panel to connect a stereo audio device. Adjust the Line In Volume Control knob on the front panel to set level.

4. **SET CHANNEL:** Press the Power button on the front panel to turn on the transmitter. Turn the Channel Selection Knob to the channel you chose.

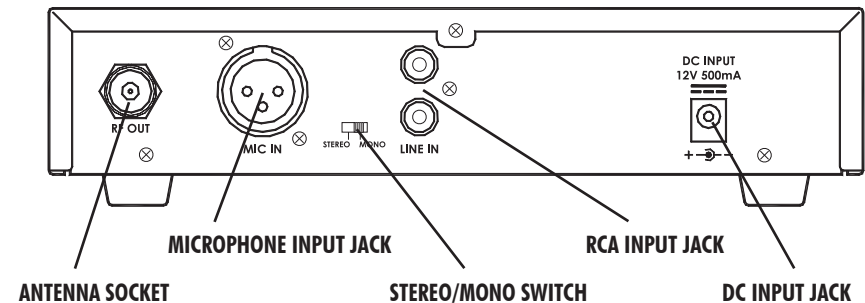
NOTE: Transmitter & receiver MUST be set to the same channel.

5. **MONITOR TRANSMISSION:** For monitoring purposes, plug headphones into the Monitoring Headphone Jack on the front panel. Adjust the headphone volume with the Monitoring Headphone Volume Control knob.



WIRELESS TRANSMITTER

Model: AL-TX



NOTE: If you experience ongoing interference with your wireless system, the selected frequency may be incompatible with other systems in the area! Try different channels to find a clear frequency!