



Having trouble with the sound system?

Condition

No sound (power LED not lit):

Charge indicator doesn't light:

No sound (power LED lights):

Shortened battery life:

Distorted sound:

Excessive hum or noise:

Possible Solution

- turn POWER switch ON
- charge battery or plug in AC cord
- leave plugged in for 48 hours to repair battery
- check for output from source
- make sure all cables are completely plugged in
- turn up volume control of input used
- remove plug from speaker output if not using external speaker output
- charge battery fully; if battery life continues to deteriorate, contact Anchor customer service
- lower system volume control
- use shielded cables
- use balanced microphone

Having trouble with the wireless system? (*Wireless Models Only*)

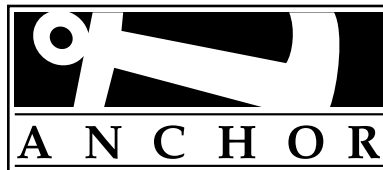
Condition

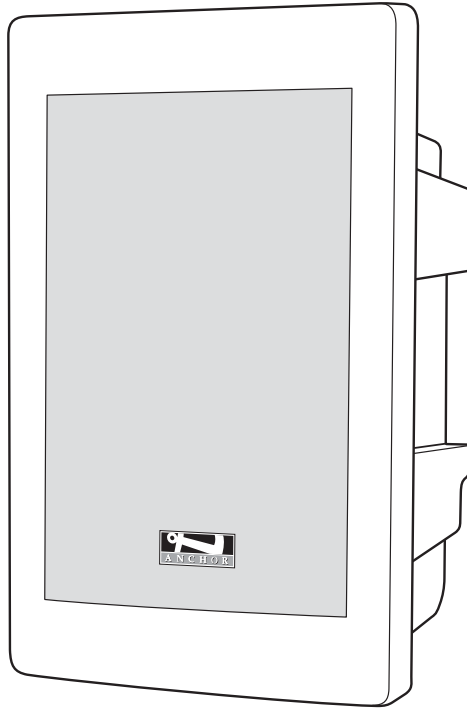
No sound (RX ON indicator lights):

No sound (RX ON indicator off):

Possible Solution

- set MUTE switch to on (handheld mic only)
- turn up WIRELESS volume control
- make sure mic is plugged into bodypack transmitter
- pull VOLUME knob
- turn Explorer POWER switch on
- make sure transmitter power switch is on
- set receiver and transmitter to same channel
- replace battery in transmitter





Explorer PRO Sound System

Owner's Manual





IMPORTANT SAFEGUARDS



CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN



CAUTION: To reduce the risk of electric shock, do not remove the cover. No user-serviceable parts inside. Refer servicing to qualified personnel.

WARNING: To prevent fire or electric shock, do not expose this equipment to rain or moisture.



AVIS
RISQUE DE CHOC
ÉLECTRIQUE
NE PAS OUVRIR



ATTENTION: Pour éviter les risques de choc électrique, ne pas enlever le couvercle. Aucun entretien de pièces intérieures par l'utilisateur. Confier l'entretien au personnel qualifié.

AVIS: Pour éviter les risques d'incendie ou d'électrocution, n'exposez pas cet article à la pluie ou à l'humidité.

EXPLANATION OF GRAPHICAL SYMBOLS

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to humans.

The exclamation point, within an equilateral triangle, is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

EXPLICATION DES SYMBOLES GRAPHIQUES

Le symbole éclair avec point de flèche à l'intérieur d'un triangle équilatéral est utilisé pour alerter l'utilisateur de la présence à l'intérieur du coffret de "voltage dangereux" non isolé d'ampleur suffisante pour constituer un risque d'électrocution.

Le point d'exclamation à l'intérieur d'un triangle équilatéral est employé pour alerter les utilisateurs de la présence d'instructions importantes pour la fonctionnement et l'entretien (service) dans le livret d'instruction accompagnant l'appareil.

DATE OF MANUFACTURE

The date of manufacture of this Anchor Audio product can be determined by the seven or eight digit serial number code. The fifth and sixth digits from the right denote the year, the seventh digit (letter) from the right denotes the month (A=Jan, B=Feb, etc.) Example: "XD960083" states that the unit was manufactured in April of 1996. An "X" may or may not exist as the eighth digit (letter) and has no significance in the serial number or date code.

Explorer PRO

Rated power output: 60 watts (AC mode) / 30 watts (DC mode)

Max SPL @ rated power: 110 db @ 1 meter

General

Frequency response: 80 Hz - 16 kHz

Speaker type: 6.5" woven fiber woofer, high-output horn tweeter

Inputs

Microphone inputs: Lo-Z (1 k), balanced, XLR
(two universal jacks) 12 VDC condenser mic (phantom) power
Hi-Z (10 k), unbalanced, 1/4"-phone

Auxiliary (line) input: Hi-Z (10 k), unbalanced, 1/8" stereo, 1/4"-phone

Sensitivity for rated output

Line: -8.4 dBV (380 mVrms)

Mic (unbalanced): -49 dBV (3.63 mVrms)

Mic (balanced): -49 dBV (3.63 mVrms)

Outputs

Line output (post fader): Lo-Z, buffered, dual RCA/1/4" unbalanced/balanced

Speaker output: 2 , unswitched, 1/4"-phone

AC Power requirements: 90 - 264 VAC, 50/60 Hz

Dimensions (HWD): 16.5 x 10.5 x 10", 42 x 27 x 25 cm

Weight: 23 pounds, 10.4 Kg.

Certification

This system conforms to part 74 and part 15 of the FCC rules, contact the FCC office for filling forms.

Frequency Range: 682 MHz - 698 MHz

WH-6000EU and WB-6000EU transmitters meet the essential requirements of the European R&TTE Directive 99/5/EC and are eligible to carry the CE marking. **CE 0336** ⓘ

European Frequency Range: 863.125 MHz - 864.875 MHz

Specifications subject to change without notice.



Explorer PRO Companion Speaker

Unpowered companion speaker (cable not included) P/N: **EXP-6001**

Speaker Cable

50' heavy duty speaker cable (use w/ EXP-6001) P/N: **SC-50**

CD Player

Battery powered, outboard CD player mounts on top of Explorer PRO case P/N: **EXP-CD**

Speaker Stand

Heavy duty brushed aluminum speaker stand P/N: **SS-550**

Storage Cover

Durable nylon fitted speaker storage cover P/N: **NL-EXP**

Soft Travel/Storage Case

Fitted nylon speaker case w/ rollers, handle & extra storage pockets for speaker stand & accessories . . P/N: **EXP-SOFTTOTE**

Travel/Storage Case

Custom traveling hard case w/ rollers & handle P/N: **HC-1620**

Mic/Accessory Bag

Tuff nylon pouch with mounting strap, holds 2 microphones and/or accessories P/N: **EXP-MICTOTE**

Handheld Wired Microphone

Professional dynamic cardioid pattern handheld mic P/N: **MIC-90**

Anchor Audio 16 Channel UHF Wireless:

Handheld Wireless Microphone

16 channel handheld wireless mic/transmitter P/N: **WH-6000**

Body-Pack Wireless Transmitter

16 channel body-pack transmitter (mic not included) P/N: **WB-6000**

UltraLite Microphone

Lightweight "Over-the-ear" mic (for WB-6000) P/N: **EM-60**

CollarMic Microphone

Collar mic (for WB-6000) P/N: **CM-60**

Headband Microphone

Headband mic (for WB-6000) P/N: **HBM-60**

Lapel Microphone

Lapel mic (for WB-6000) P/N: **LM-60**

Thank you for choosing an Anchor Audio portable sound 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 of minutes to review this 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*

CONTENTS

Getting Started	2
Precautions	3
General Operation	4-5
Battery Operation	6
Wireless Operation	7
Accessories.....	8
Specifications	9
Troubleshooting Guide.....	back cover



System Inspection & Inventory

Check unit carefully for damage which may have occurred during transit. Each Anchor product is carefully inspected at the factory and packed in a special carton for safe transport.

Inventory

NOTE:
All damage claims must be made with the freight carrier.

- Explorer sound system
- Speaker stand adapter
- Warranty registration card

All damage claims must be made with the freight carrier. Notify the freight carrier immediately if you observe any damage to the shipping carton or product. Repack the unit in the carton and await inspection by the carrier's claim agent. Notify your dealer of the pending freight claim.

Returning Systems For Service or Repair

IMPORTANT:
Save the shipping carton and packing materials. They were specially designed to ship your unit safely.

Should your unit require service, contact your dealer or the Anchor Audio Customer Service Department at (800) 262-4671 to obtain a Return Authorization (RA) number. All shipments to Anchor Audio must include an RA number and must be shipped prepaid. C.O.D. shipments will be refused and returned at your cost.

Warranty Registration

Please fill out the warranty card and return it with a copy of your invoice to Anchor's Customer Service Department. This will activate your limited six year warranty.



Diversity Wireless by Anchor Audio

NOTE: When using a dual wireless unit, make sure each microphone is set to a different channel frequency.

Anchor Audio UHF wireless is a 16 channel, diversity wireless system that utilizes two independent antennae to receive signal. The diversity feature means that the receiver will process the stronger of the two antenna signals, effectively minimizing dropouts and interference from other transmitting sources. The antennae are mounted internally so there are no obstructions or risk of damage.

Receiver Channel Selection

Before you use your UHF wireless system, you will need to select a wireless frequency channel.

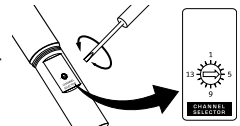


1. Locate the Wireless Channel selector on the back panel.
2. Set the Channel (frequency) of the receiver to 1 thru 16.

Transmitter Channel Selection

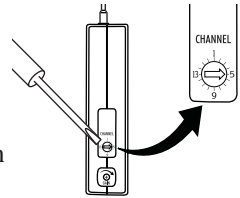
Handheld Transmitter:

1. Unscrew battery cover on lower end of microphone.
2. Set the Channel Selection to match the channel setting on the receiver.
3. Replace the battery cover.



Body-pack Transmitter:

1. The channel selection dial is located on the side of the transmitter.
2. Set Channel to match the channel setting on the receiver.



Wireless Microphone Operation

Both the receiver and microphone must be set to the same channel.

NOTE: Be sure that the MIC/LINE switch is in the "MIC" position when a mic is plugged into the body-pack transmitter.

1. For body-pack transmitter, insert mic plug into the MIC jack.
2. Turn the transmitter power ON, the red LED will flash once. (If the red LED stays on, the battery is low.)
3. Turn the Explorer PRO power switch to ON. Pull out the volume knob for the correct microphone channel.
4. The RX indicators will light (one indicator at a time lights) when the wireless signal is being transmitted and received.



Battery Level Indicator

The Explorer PRO sound system features a built in battery level indicator that shows the battery level in three steps at power on.

1. GREEN: Battery is fully charged.
2. YELLOW: Battery level is depleted.
3. RED: Battery level is becoming low (about 15-30 minutes before automatic system shutoff).

Charging Batteries

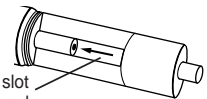
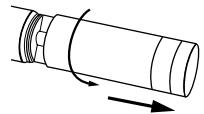
The system is equipped with a built in rapid charger, designed to quickly charge and maintain the battery. Charge indicator light:

1. YELLOW Flashing: When AC power is connected indicates that the unit is testing the battery (about 30 seconds).
2. YELLOW Solid: Battery is in good condition and rapid charging has begun.
3. GREEN: Battery is fully charged.
4. RED: This indicates a battery fault, please contact Anchor Audio customer service department at (800) 262-4671.

Replacing Transmitter Battery

Handheld Transmitter:

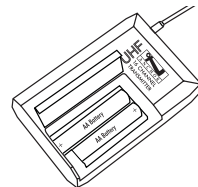
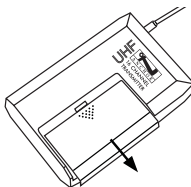
1. Unscrew battery compartment cover on lower end of mic.
2. Install 2 fresh 'AA' alkaline batteries.
3. Replace the battery cover.



Place batteries into slot and slide forward

Body-pack Transmitter:

1. Slide open battery cover on front of transmitter box.
2. Install 2 fresh 'AA' alkaline batteries.
3. Close the battery cover.



NOTE:
Transmitter power switch must be in the OFF position when changing batteries



Feedback

CAUTION:
Feedback can be damaging to both your equipment and a persons hearing.

Feedback is a howling or shrill sound that is self-generated by the sound system. It is caused by microphone pickup of the sound emanating from the speaker and then being re-amplified. Once started, feedback will continue until adjustments are made.

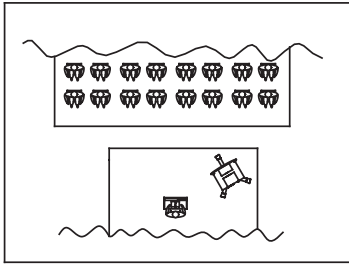
Feedback Causes

- Microphone too close, pointing towards or in front of speaker.
- Volume setting too loud for room.
- Sound reflections from hard surfaces, walls, etc.

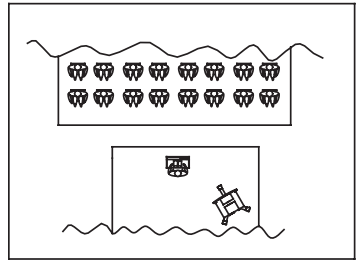
Avoiding & Eliminating Feedback

CAUTION:
Harmful feedback may occur when walking in front of a sound system or speaker with a wireless microphone. Always point mic away from speakers.

- Point the microphone into a different direction.
- Keep the microphone away from the speaker; position the speaker in FRONT of the microphone.
- Reduce the volume of the sound system. Set all volume controls to minimum prior to powering the sound system.



Acceptable



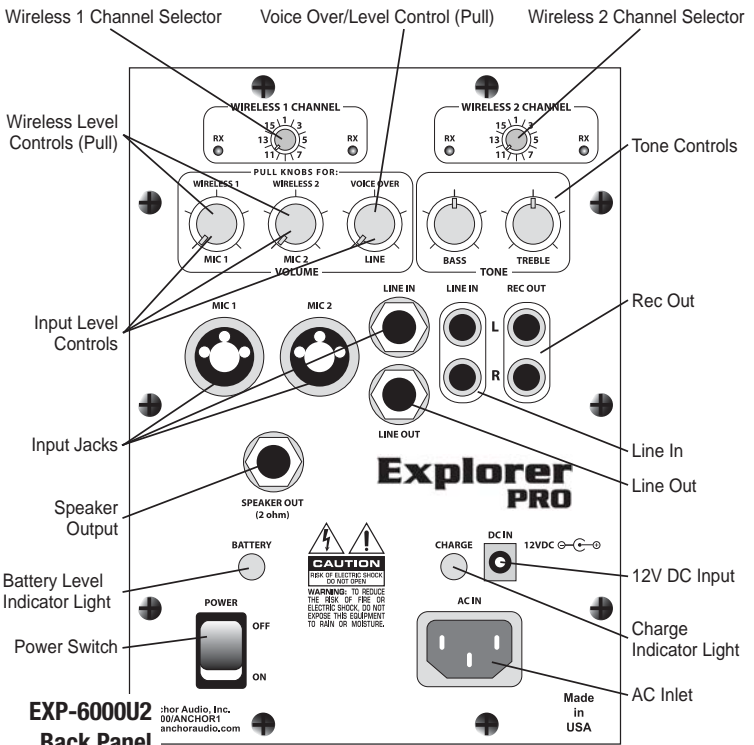
Unacceptable



Explorer PRO Control Panel

1. Set all input level controls to minimum and tones controls to flat or middle position before turning on the power.
2. Plug a microphone into Mic 1 or Mic 2, or plug an audio source into the Line-in input jack.
3. Turn power ON (LED above switch will light). If the LED turns red the battery requires charging (see page 6).
4. Adjust the level control adjacent to the input used to desired volume level.
5. Adjust Bass and Treble controls for desired sound quality.

Note:
Connections must be made with shielded cable to avoid hum, radio interference or buzzing.



Note:
Use of companion speaker will reduce battery run time.



Mic 1 & 2 / Wireless 1 & 2 Mic Input

Balanced or unbalanced microphone input. Use XLR mics and cables when long mic cables are needed. The XLR input has phantom power for use with condenser microphones.

Line Inputs



The line input is used for playback of a tape or CD player, VCR or similar source. There is both a 1/4"-phone and dual RCA jacks. They may be used simultaneously, and can be combined with the mic inputs for a composite output.

Line Outputs



The output signal is a composite of all the inputs. Use them to record your presentation, or to “daisy chain” another powered sound system to the Explorer for greater crowd coverage.

Speaker Output



Use the speaker output to drive an unpowered 2 speaker in addition to Explorer’s built-in speakers for greater output.

Speaker Stand Adapter

The 1.5" diameter speaker stand adapter mounts to the bottom of the Explorer. To install the adapter:

1. Slide adapter into the slot on bottom of the Explorer.
2. Tighten screw to secure adapter to Explorer.
3. Place unit on stand, then tighten screw on the collar of the adapter to secure Explorer to stand.