



BEACON 3

OWNER'S MANUAL

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WELCOME

Thank you for choosing the Beacon 3 portable sound system. Built in the USA, Beacon delivers powerful, reliable sound for schools, events, sports, and more.



WHAT'S IN THE BOX

- Beacon 3 speaker
- AC power cord
- [Optional] Wireless microphones or accessories

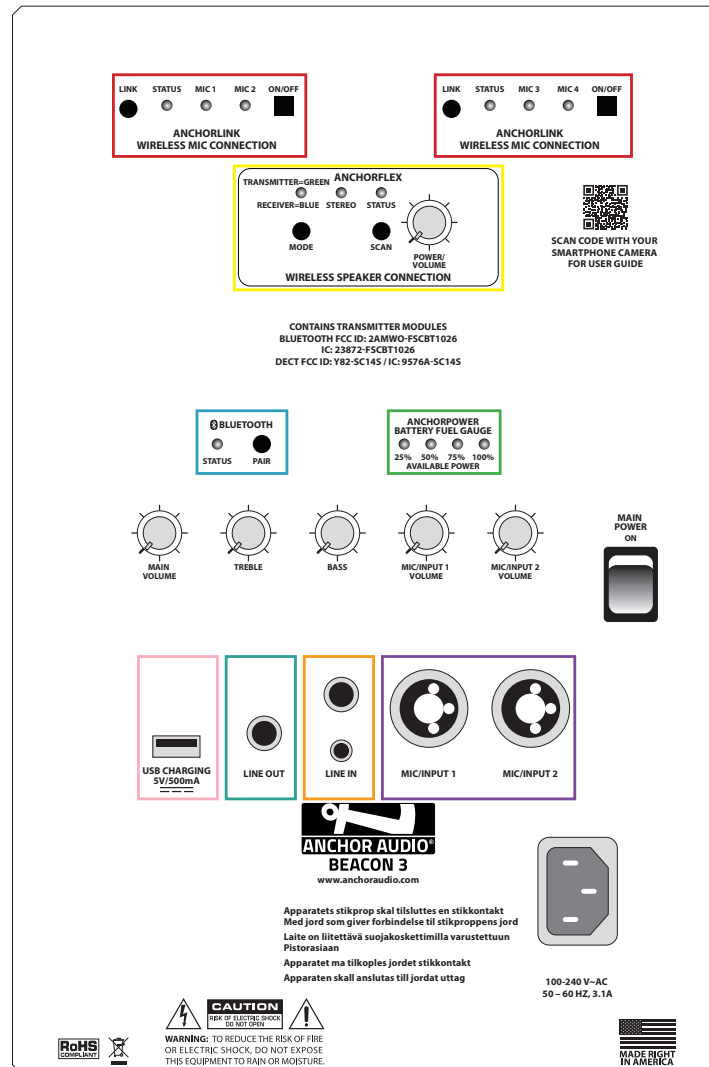
Note: Keep the box and packing material in case you need to ship your unit for service.



BEACON 3 AT A GLANCE

Features may include:

- Bluetooth (stream music)
- AnchorLink (connect up to 4 wireless mics)
- AnchorFlex (connect multiple Beacon 3 units wirelessly)
- AnchorPower fuel gauge
- Mic inputs (2)
- Line in/out
- USB charging port



- **AnchorLink** (outlined in red in the photo) to link up to 4 wireless microphones
- **AnchorFlex** (outlined in yellow in the photo) to connect multiple Anchor Audio systems cable-free.
- **Bluetooth** (outlined in blue in the photo)
- **AnchorPower Fuel Gauge** (outlined in green in the photo)
- **USB port** to charge your phone (outlined in pink in the photo)
- **Universal line out** port (outlined in teal in the photo)
- **Universal line in** port (outlined in orange in the photo)
- **Two universal wired mic ports** (outlined in purple in the photo)

What's Included In Your System?

Beacon 3 Hub

Includes everything shown above.

Beacon 3 Connect

Includes everything except AnchorLink

Beacon 3 Link

Includes everything except AnchorFlex

Beacon 3 Basic

Includes everything except AnchorFlex and AnchorLink

BASIC OPERATION

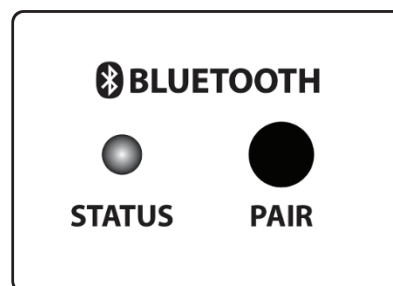
1. Charge – Plug into AC before first use. (1 hr charge = 1+ hr playtime).
2. Power on – Flip the Main Power switch. Lights will turn solid when ready.
3. Start low – Begin with all volume knobs down.
4. Connect – Plug in wired mics (Mic 1/Mic 2) or an audio source (Line In).
5. Adjust – Turn up Main, Mic, or Flex volumes. Fine-tune with Treble/Bass.

Note: The back cover doubles as a tray, carrying cover, and weather shield.

BLUETOOTH

1. Press Pair (white light blinks).
2. Select Anchor Audio V on your device.
3. Light turns solid + chime = connected.
4. Adjust volume on both your device and the Beacon speaker.

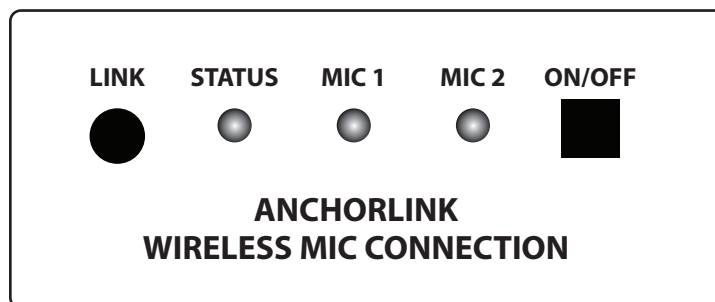
Tip: Hold Pair for 3 seconds to disconnect all devices. Range up to 60 ft line-of-sight.



MICROPHONES

- Wired: Plug in up to 2 microphones.
- Wireless (AnchorLink):
 - Supports up to 4 wireless mics (Hub & Link models only).
 - Range: up to 300 ft line-of-sight.
 - Each mic uses 2 AA batteries (8–10 hrs).

Note: For pairing/unpairing instructions, see the [Series 3 Quick Start Guide](#) or <https://www.anchoraudio.com/technical-support>.



AnchorLink as seen on the Beacon 3 back panel.

CONNECTING SPEAKERS (ANCHORFLEX)

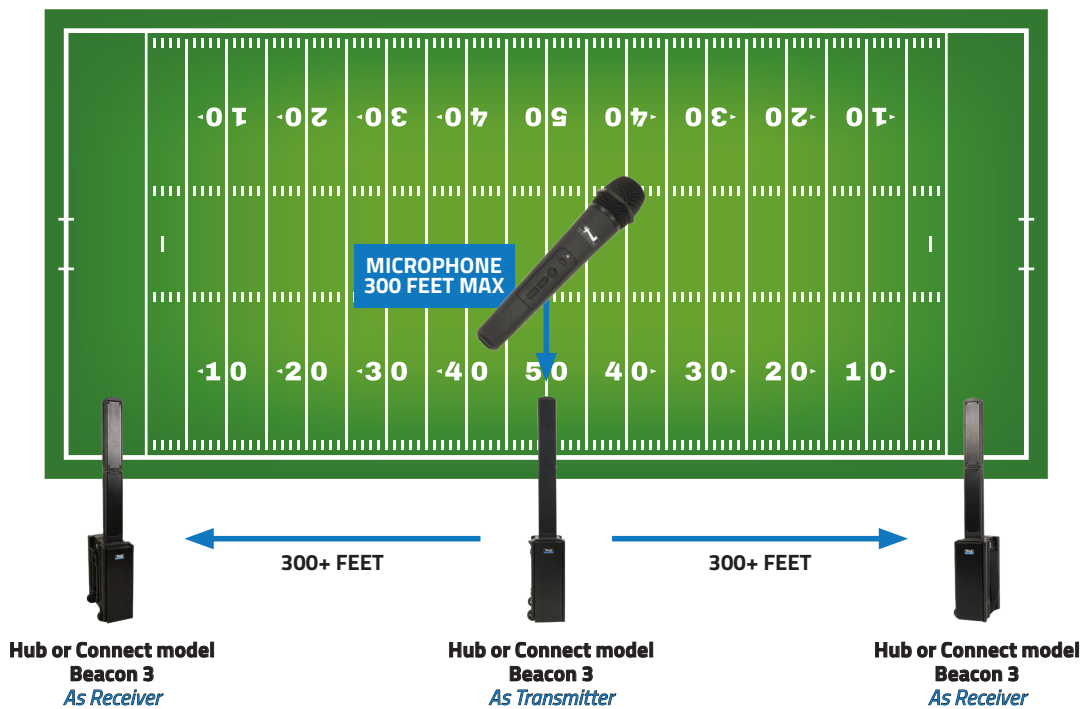
- Hub & Connect models can wirelessly connect multiple Beacon 3 speakers.
- One speaker acts as the main unit (transmitter). Others are companions (receivers).
- Range: 300+ ft line-of-sight. Supports up to 1,024 companions.

Note: For setup steps, see the [Series 3 Quick Start Guide](#).

SYSTEM PLACEMENT

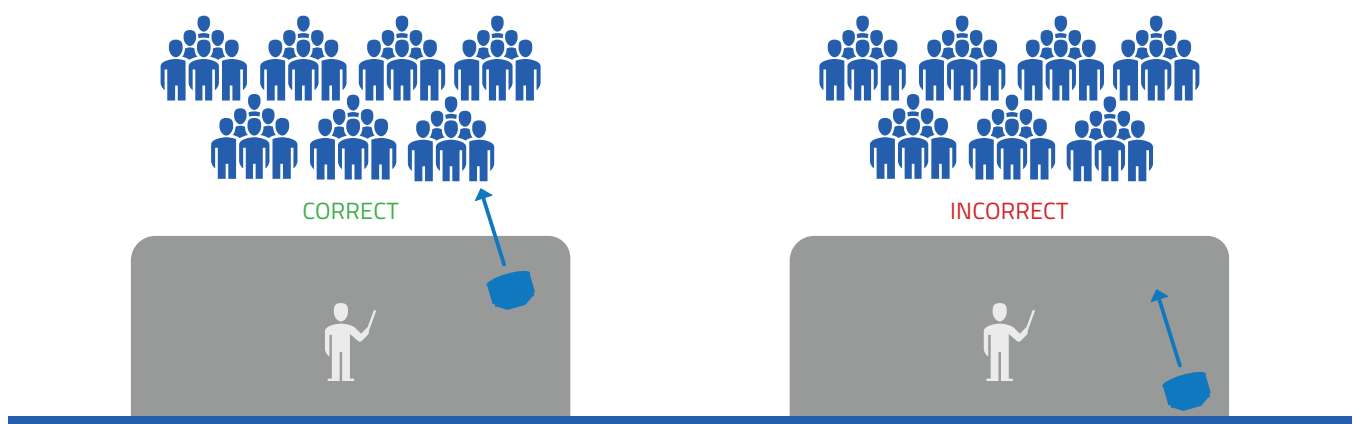
If you're using your speakers in a large space, for example on a football field, place the speakers facing the audience, with your receiving/companion speakers 300' (or less) away from the main (AnchorLink transmitting) speaker.

Wireless mics should be within 300' of the main AnchorFlex speaker.



Where you place your Beacon 3 depends on the space you're in.

For a single speaker, place the speaker in front of you. See the illustration below.



BATTERY CARE

- Fully charge before first use.
- Store in a cool, dry place.
- Keep charged if storing long-term.
- Avoid extreme heat, fire, or storms.

BATTERY WARRANTY

All Lithium-Ion batteries come with a standard four-year warranty.

BATTERY SAFETY

Batteries are flammable and hazardous. Mistreatment of the battery can be dangerous. For your safety, please note the following.

- Do not crush, pierce, short (positive +) and (negative -) battery terminals with conductive (i.e. metal) goods.
- Do not directly heat or solder.
- Do not throw batteries into a fire.
- Do not mix batteries of different types and brands Do not mix new and used batteries.

BATTERY REPLACEMENT

NOTE: Proper operation of this product requires two (2) 12V LiFePO4 batteries, Anchor P/N 205-0025-000 (12.8V, 10.2Ah LiFePO4)

CAUTION: Ensure the power cord is unplugged, and the power switch is off before replacing batteries!

Do Not Replace the lithium-iron phosphate rechargeable battery.

1. The Lithium Iron Phosphate rechargeable battery is intended to be replaced by qualified service personnel only!
2. Remove battery cover screws using a Phillips # 2 screwdriver. The battery is located in the bottom compartment, on the rear side of the unit.
3. Carefully pull dead batteries from the battery compartment.
4. Disconnect positive (red wire) and negative (black wire) terminals from batteries.
5. Install two new batteries: Connect positive (red wire) to red battery terminal and negative (black wire) to black battery terminal.
6. Turn on the Switch to verify correct installation. Turn-Off switch.
7. Reinstall the battery compartment using the screws.
8. Connect the power cord to a power outlet in order to charge the batteries fully. Congratulations. You have successfully replaced batteries!

TECHNICAL SPECIFICATIONS

Rated Power Output	200 Watts thru RMS
Max SPL @ Rated Power	126 dB @ 1 meter
Frequency Response	60 Hz – 15 kHz $\pm$ 3dB
AC Power Input	100 – 240 V~AC, 50-60 Hz, 3.1A
USB (Charging Only)	5V / 2.5 Watts
Battery	Two 12.8 V rechargeable, 10.2 Ah (LiFePO ₄ Lithium Iron Phosphate Battery) Full recharge: approx. 5 hrs.
Flex Radio	1.9 GHz DECT 6.0 or EU-DECT $\approx$ 300' line of sight Frequency Response 20Hz - 20kHz $\pm$ 3dB
Bluetooth	2.5 GHz $\approx$ 60' line of sight Frequency Response 20Hz - 20kHz $\pm$ 3dB
Microphone Inputs	Lo-Z, balanced, XLR 36VDC condenser mic (phantom) power
Microphone Wireless Frequency	1.9 GHz DECT 6.0 or EU-DECT $\approx$ 300' line of sight Frequency Response 20Hz - 11.30KHz $\pm$ 3dB
Line Inputs	Unbalanced 3.5mm stereo & Balanced 1/4"
Line Output	PreFader, isolated, 600 Ω , 1/4" phone
Dimensions (HWD)	Opened: $\approx$ 72" x 11" x 18.5" [183 x 28 x 47cm] Closed: $\approx$ 28" x 11" x 18.5" [71 x 28 x 47cm]
Weight	$\approx$ 51 lbs / 23 Kg
Speakers	Three, 8" Woofer, Neodymium Magnet, 6 ohms Eighth, 4" Midrange driver, Neodymium Magnet, 8 ohms
Compliance	BT FCC ID: 2AMWO-FSCBT1026 / IC ID: 23872-FSCBT1026 WAM DECT Radio FCC ID: Y82-SC14S / IC ID: 9576A-SC14S RoHS3



ENVIRONMENTAL SPECIFICATIONS

- Maximum operating temperature up to 40°C
- Maximum operating altitude up to 2000 m
- Pollution degree 2
- Must use fuses rated F2AH 250V
- Disconnect the power before servicing

(All specifications are subject to change without notice.)

MODEL NUMBERS

USA/Canada: BEA3, BEA3U2, BEA3U4, BEA3T, BEA3TU2, BEA3TU4

Europe: BEA3E, BEA3U2E, BEA3U4E, BEA3TE, BEA3TU2E, BEA3TU4E

Notes:

- T = Transmitter/Receiver combo
- U2 = Pairs up to 2 mics
- U4 = Pairs up to 4 mics
- Frequencies: DECT 6.0 (1920–1930 MHz), EU-DECT (1880–1900 MHz)

BEACON 3 MODELS, INTERNALLY USED ON SAGE	
MARKET: USA/CANADA	
BEA3	Beacon 3 with 2.4 GHz Bluetooth Only
BEA3U2	Beacon 3 with 2.4 GHz Bluetooth + 1.9 GHz DECT 6.0 Receiver (Pairing up to 2 Transmitter Microphones [WB-LINK and WH-LINK])
BEA3U4	Beacon 3 with 2.4 GHz Bluetooth + 1.9 GHz DECT 6.0 Receiver (Pairing up to 4 Transmitter Microphones [WB-LINK and WH-LINK])
BEA3T	Beacon 3 with 2.4 GHz Bluetooth + 1.9 GHz Transmitter / Receiver DECT 6.0 combo
BEA3TU2	Beacon 3 with 2.4 GHz Bluetooth + 1.9 GHz Transmitter / Receiver DECT combo + 1.9 GHz DECT 6.0 Receiver (Pairing up to 2 Transmitter Microphones [WB-LINK and WH-LINK])
BEA3TU4	Beacon 3 with 2.4 GHz Bluetooth + 1.9 GHz Transmitter / Receiver DECT combo + 1.9 GHz DECT 6.0 Receiver (Pairing up to 4 Transmitter Microphones [WB-LINK and WH-LINK])
MARKET: EUROPE	
BEA3E	Beacon 3 with 2.4 GHz Bluetooth Only
BEA3U2E	Beacon 3 with 2.4 GHz Bluetooth + 1.9 GHz EU-DECT Receiver (Pairing up to 2 Transmitter Microphones [WB-LINKEU and WH-LINKEU])
BEA3U4E	Beacon 3 with 2.4 GHz Bluetooth + 1.9 GHz EU-DECT Receiver (Pairing up to 4 Transmitter Microphones [WB-LINKEU and WH-LINKEU])
BEA3TE	Beacon 3 with 2.4 GHz Bluetooth + 1.9 GHz Transmitter / Receiver EU-DECT combo
BEA3TU2E	Beacon 3 with 2.4 GHz Bluetooth + 1.9 GHz Transmitter / Receiver EU-DECT combo + 1.9 GHz EU-DECT Receiver (Pairing up to 2 Transmitter Microphones [WB-LINKEU and WH-LINKEU])
BEA3TU4E	Beacon 3 with 2.4 GHz Bluetooth + 1.9 GHz Transmitter / Receiver EU-DECT combo + 1.9 GHz EU-DECT Receiver (Pairing up to 4 Transmitter Microphones [WB-LINKEU and WH-LINKEU])

TROUBLESHOOTING

- No sound? Check power, volume, and connections.
- Bluetooth not pairing? Ensure device Bluetooth is on and hold Pair button 3 seconds to reset.
- Wireless mic cutting out? Stay within 300 ft line-of-sight and replace AA batteries.
- Getting Feedback? Move speakers in front of mic and lower Mic volume.

SUPPORT

Need additional help?

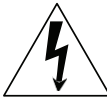
- Help center: knowledgebase.anchoraudio.com
- Support tickets: anchoraudio.com/technical-support
- Phone: 800.262.4671 x2
- Email: techsupport@anchoraudio.com

IMPORTANT SAFETY INSTRUCTIONS



General Warning or Caution

The Exclamation Symbol in the figure to the left appears in Warning and Caution tables throughout this document. This symbol designates an area where personal injury or damage to the equipment is possible.



Electric Shock

The Electrical Shock Symbol in the figure to the left appears throughout this manual. This symbol indicates a hazard arising from dangerous voltage. Any mishandling could result in irreparable damage to the equipment and personal injury or death.



Protective Conductor Terminal

The Electrical Shock Symbol in the figure to the left appears throughout this manual. This symbol indicates a hazard arising from dangerous voltage. Any mishandling could result in irreparable damage to the equipment and personal injury or death.



European Union CE Mark European Union CE Mark

The presence of the CE Mark on Anchor Audio equipment means that it has been designed, tested, and certified as complying with all applicable European Union (CE) regulations and recommendations.



On Symbol

The On Symbol in the figure to the left represents a power switch position on the Anchor Audio product. This symbol represents a Power On condition.



Off Symbol

The Off Symbol in the figure to the left represents a power switch position on the Anchor Audio product. This symbol represents a Power Off condition.



Waste Electrical and Electronic Equipment (WEEE)

This symbol on the product or on its packaging indicates that this product must not be disposed of with regular waste. Instead, it is the user's responsibility to dispose of waste equipment according to the local laws. The separate collection and recycling of the waste equipment at the time of disposal will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For information about where the user can drop off the waste equipment for recycling, please contact your local authority for recycling advice.

Inspection for Damage

Anchor Audio products are carefully packaged at the factory to minimize the possibility of damage during shipping. Inspect the box for external signs of damage or mishandling. Inspect the contents for damage. If there is visible damage to the instrument upon receipt, inform the shipping company and Anchor Audio immediately.

IMPORTANT SAFETY INSTRUCTIONS



Inspection for Damage

Do not attempt to operate this equipment if there is evidence of shipping damage or you suspect the unit is damaged. Damaged equipment may present additional hazards to you. Contact Anchor Audio Technical Support for advice before attempting to plug in and operate damaged equipment.

Anchor Audio Technical Support: 800.262.4671 x782

Electrical Requirements

Before attempting to power up the unit for the first time, the following precautions must be followed:



WARNING

To avoid electric shock, connect the instrument to properly earth-grounded, 3-prong receptacles only. Failure to observe this precaution can result in severe injury.

Have a qualified electrician verify the wall socket that will be used is properly polarized and properly grounded.

Warning: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture, apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases or cups, shall be placed on the apparatus.

The apparatus should be connected to a main socket outlet with a protective earthing connection. For Nordic markings refer to copy of marking label.

The plug in the power cord is the AC mains disconnected device and must remain readily operable.

There should be a minimum distance around the apparatus for sufficient ventilation. The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, tablecloths, curtains, etc.; no naked flame sources, such as lighted candles, should be placed on the apparatus.

Equipment may be located above or below this apparatus, but some equipment (like large amplifiers) may cause an unacceptable amount of hum or may generate too much heat and degrade the performance of this apparatus.

IMPORTANT SAFETY INSTRUCTIONS

1. **Read Instructions** – All the safety and operation instructions should be read before the product is operated.
2. **Retain Instructions** – The safety and operating instructions should be retained for future reference.
3. **Heed Warnings** – All warnings on the product and in the operating instructions should be adhered to.
4. **Follow Instructions** – All operating and use instructions should be followed.
5. **Cleaning** – Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
Exception: A product that is meant for uninterrupted service and that for some specific reason, such as the possibility of the loss of an authorization code for the CATV converter, is not intended to be unplugged by the user for cleaning or any other purpose, may exclude the reference to unplugging the product in the cleaning description otherwise).
6. **Attachments** – Do not use attachments not recommended by the product manufacturer as they may cause hazards.
7. **Water and Moisture** – Do not use this product near water – for example, near a bathtub, wash bowl, kitchen sink, laundry tub; in a wet basement; near a swimming pool; and the like.
8. **Accessories** – Do not place this product on an unstable cart, stand, tripod, bracket, or table. The product may fall, causing serious injury to a child or adult and serious damage to the product. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer or sold with the product. Any mounting of the product should follow the manufacturer's instructions and should use a mounting accessory recommended by the manufacturer.
9. **A product and stand combination should be moved with care.** Quick stop, excessive force, and uneven surfaces may cause the product and stand combination to overturn.
10. **Ventilation** – Slots and openings in the cabinet are provided for ventilation to ensure reliable operation of the product and to protect it from overheating. These openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should not be placed in a build-in installation such as a bookcase or rack unless proper ventilation is provided, or the manufacturer's instructions have been adhered to.
11. **Power Sources** – This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company. For products intended to operate from battery power or other sources refer to the operating instructions.
12. **Grounding or Polarization** – This product may be equipped with a polarized alternating- current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.
13. **Power-Cord Protection** – Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the product.

IMPORTANT SAFETY INSTRUCTIONS

- 14. Protective Attachment Plug** – The product is equipped with an attachment plug having overload protection. This is a safety feature. If replacement of the plug is required, be sure the service technician has used a replacement plug specified by the manufacturer that has the same overload protection as the original plug.
- 15. Outdoor Antenna Grounding** – If an outside antenna or cable system is connected to the product, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges. Article 810 of the National Electrical Code, ANSI/NFPA 70, provides information with regard to proper grounding of the mast and supporting structure grounding of the lead in wire to an antenna discharge unit, size of grounding conductors, location of antenna-discharge unit, connection of grounding electrodes, and requirements for the grounding electrode. See Figure A.
- 16. Lightning** – For added protection, unplug this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the product due to lightning and power-line surges.
- 17. Power Lines** – An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.
- 18. Overloading** – Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.
- 19. Object and Liquid Entry** – Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.
- 20. Servicing** – Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage, other hazards, and potentially void the warranty. Refer all servicing to qualified service personnel.
- 21. Damage Requiring Service** – Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
 - a. When the power-supply cord or plug is damaged.
 - b. If liquid has been spilled or objects have fallen into the product.
 - c. If the product has been exposed to rain or water.
 - d. If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product its normal operation.
 - e. If the product has been dropped or damaged in any way.
 - f. When the product exhibits a distinct change in performance – this indicates a need for service.
- 22. Replacement Parts** – When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.

IMPORTANT SAFETY INSTRUCTIONS

- 23. Safety Check** – Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.
- 24. Heat** – The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.
- 25. Warning:** Batteries installed shall not be exposed to excessive heat such as sunshine, fire, or the like.

ANCHOR AUDIO 6-4-2 WARRANTY



Anchor Audio products are warranted to be free from defects in materials and workmanship for the period of SIX (6) YEARS from the date of original purchase unless listed below.

Warranted For a Period of FOUR (4) YEARS

- Rechargeable Lithium Ion (LiFePO4) batteries

Warranted For a Period of TWO (2) YEARS

- All wired and wireless microphones, belt pack transmitters, base station transmitters, base station receivers, and hands-free microphones
- CouncilMAN microphones and bases
- PortaCom and ProLink 500 systems in their entirety
- Assistive Listening systems in their entirety
- Accessories, cables, cases, and covers

Warranties are subject to the following conditions:

- Product must have been purchased from an authorized Anchor Audio Dealer and have an Anchor Audio serial number.
- Anchor Audio must perform or authorize all warranty services or the warranty is void.
- Warranty is void when equipment is subjected to negligent use, connected to improper power sources, misuse, and/ or operation beyond specifications and limits.
- Warranty shall not apply to exterior finish, AC power cords, bulbs, or any other failings due to normal wear.
- Warranty is void when equipment is subjected to adverse temperature, humidity, moisture, or any condition not considered normal environmental conditions.
- Products out of warranty cannot be repaired by Anchor Audio

ANCHOR AUDIO RETURN AUTHORIZATION PROCEDURES

For service or repair, please call us at 1-800-262-4671 x 2, or visit www.anchoraudio.com/technical-support

Our Technical Support team will help to troubleshoot. If unsuccessful and under warranty, they will issue you a Return Merchandise Authorization (RMA) number. Once you ship your product back to Anchor Audio with the RMA number clearly noted on the box, we will diagnose your unit and repair your unit then ship it back to you. All products must be shipped prepaid. C.O.D. shipments and shipments without an RA number will be refused and returned at your expense.

- In all cases, dealers and end users must first obtain approval from Anchor Audio for any product they are attempting to return to Anchor Audio. Upon approval, a Return Merchandise Authorization (RMA) number will be issued by the Anchor Audio Customer Service Department and must accompany all products returned. Clearly note the RMA number on the outside of the box.
- Products returned without approval and an RMA number may be returned to the sender.
- The RMA expires 30 days from date of issue. Any product received after 30 days of the RMA issue date will be returned to sender.
- Products returned must include a RMA number. Product received without an RMA number visibly seen on the box will incur a \$25 processing fee.
- Customer will incur the cost of shipping product to Anchor Audio for any reason. Under warranty repair and/or replacement, Anchor Audio will incur the freight cost to return product to the dealer or customer within the continental U.S.A.

CONTACT US

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Technical Support Team

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Sales Team

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