

User Manual

NOTE: To ensure this system works safely and to its fullest potential, please read the User Manual carefully before use, and keep it handy for future reference. See important Safety Information on Page 5.



Thank you for purchasing Acesonic’s UHF-A6 Commercial UHF True Diversity Wireless Microphone System. Acesonic takes pride in providing its customers with only the most advanced and highest quality products on the market.

With proper care and use you will get many years of satisfying use from your Acesonic product. Be sure to keep original packaging in case re-shipping is required for returns or repairs.

Care and cleaning: Use a slightly damp cloth to clean the front panel and other surfaces of the UHF-A6. Do not use the device in areas that are wet or prone to dampness. Always allow enough room below and around the device to provide sufficient air flow for cooling when it is being used.

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About this Manual

The display window information and On Screen Display (OSD) items are all in UPPER CASE letters.

Precautions

- Power Cord: When you are away on travel or won't use the UHF-A6 for an extended period of time, unplug the unit from the wall outlet.
- When unplugging the player from the wall outlet, always pull the plug, not the cord.
- Do NOT handle the power cord with wet hands.
- Avoid moisture, water and dust

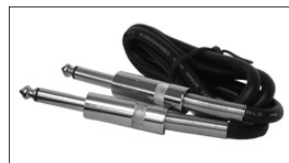
- Do not place the Receiver in a moist environment or in area where there might be an excessive amount of dust build up (e.g. near a fan).
- If water or any liquid should get into the unit, turn off the power and unplug the unit from the wall outlet immediately. Consult your dealer or an authorized repair station. Using the unit in this state may lead to fire or electrical shock.
- Avoid high temperatures
- Do not expose the player to direct sunlight or place near any heating device.

First Things First

Included Accessories

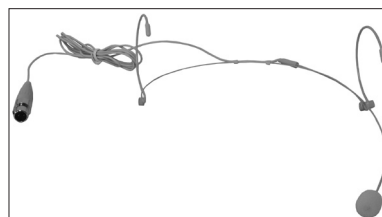
Please check that you have all of the following accessories supplied to you. If anything is missing, please contact your dealer immediately.

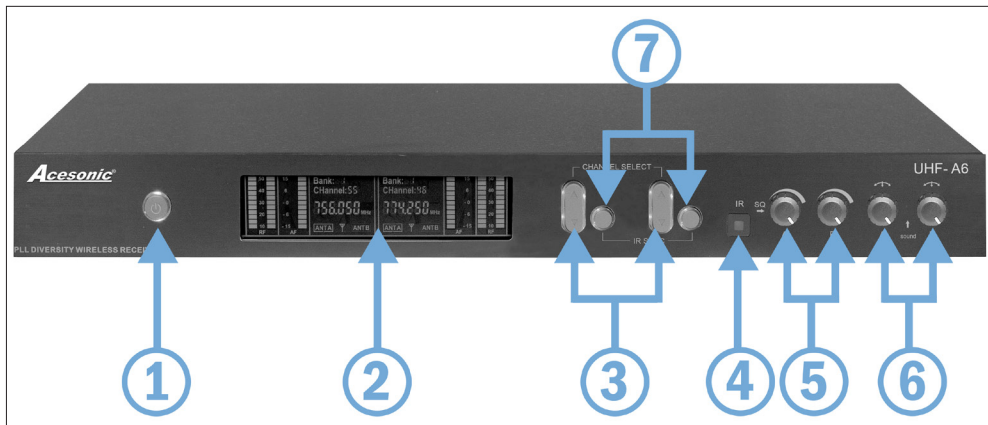
- UHF-A6 receiver
- Wireless microphones x2
- Rechargeable AA batteries x4
- Antennas x2
- 12V AC Power adaptors
- ¼" Microphone cable
- User manual



Optional Accessories

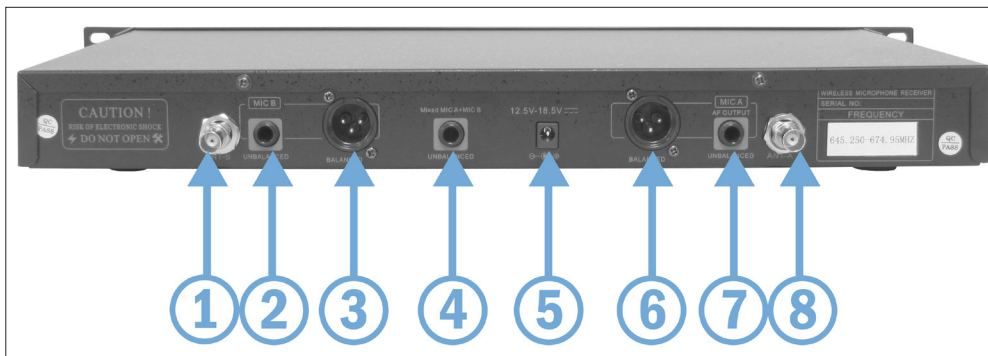
- 20 microphones charging station
- PT10 body pack
- PTT-10 headset microphone
- PTH-10 ear plug microphones





Receiver – Front

1. Power button – power ON/OFF
2. Display panel
3. Channel selector – push button to manually select channels
4. IR Sync sensor
5. SQ – Connection distance controls
6. Microphone Volume controls
7. IR Sync buttons – Push Sync button to IR Sync your receiver and microphone



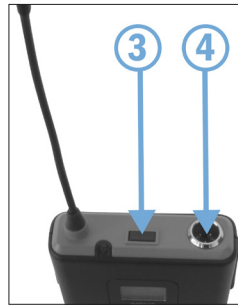
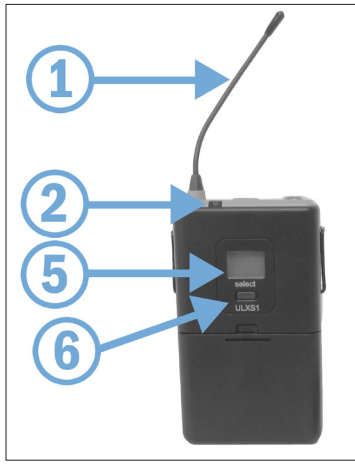
Receiver – Back

- (1)(8) Antenna connection
- (2)(7)(4) Channels A&B ¼” unbalanced audio output
- (3)(6) Channels A&B balanced audio output
- (5) 12V AC Power connection

Microphone

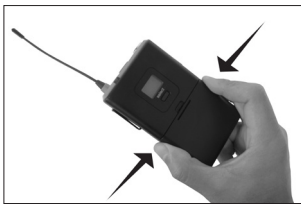


1. Microphone cartridge
 2. Display window
 3. Power switch
 4. Battery housing cover
 5. IR Signal receiver
 6. Battery compartment
- Simply twist and remove battery housing cover to access IR signal receiver or batteries
 - Uses two AA batteries with approximately 8 hours of continuous operation. Replace or recharge batteries immediately when battery indicators says battery power are low.



Body-Pack receiver

1. Antenna
2. Operating indicator lights:
 - green – power is ON
 - yellow – power ON & Muted
 - flashing red – IR Syncing / low batteries (auto turn off)
3. Power switch – hold on 2 sec for power on/off, push once to Mute/ Unmute
4. Microphone input
5. Display window
6. IR Signal receiver

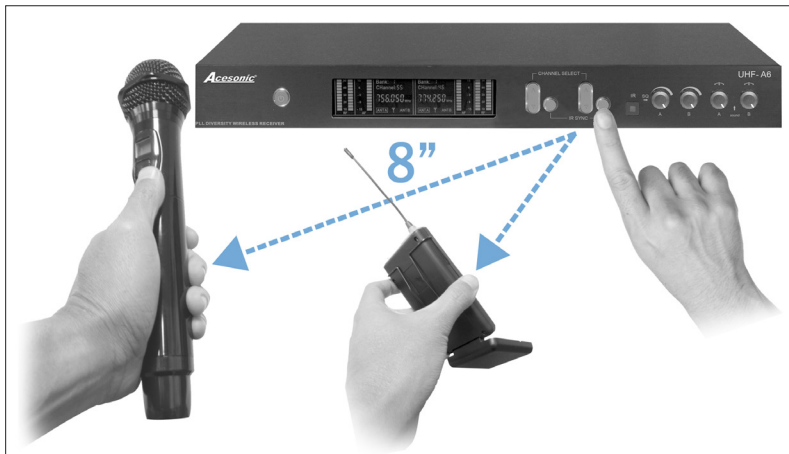


Changing the batteries

- Press the sides of the battery cover as pictured.
- While maintaining pressure simply pull outward to open cover.
- Change batteries, close, and press down until cover clicks securely.

Carrying the Body-Pack receiver

- Easily clips on your belt, or if using a guitar, you can attach it on the guitar sling vertically.
- Make sure to attach it securely flushed with your belt to prevent it from falling off.



How to IR Sync

- **Manual Sync** – turn on the microphone, select desired channel on the receiver, push sync button once on receiver to syncing.
- **Auto IR Sync**
 1. Make sure microphone is on
 2. Remove battery housing cover so the IR sync receiver is visible.
 3. Position the IR sync of the desired microphone so it faces the IR sync

sensor at approximately 8" from the receiver.

4. Press the IR Sync button once. This will make the channel blink on the display panel.
5. When blinking stops, RF/AF indicator bar should be full.
6. Your microphone and receiver are now fully synced.

- **SQ setting** - SQ setting can adjust the receiver coverage area. When SQ setting at maximum, distant is at its farthest. You can adjust the best receiver coverage depending on the environment.

Troubleshooting

Problems	Possible Causes	Solutions
No audio or lights.	Microphone power switch is OFF.	Switch microphone power to ON.
	Receiver power button is OFF.	Push power button to ON.
Antenna symbol on display panel is showing but no audio.	Microphone is on MUTE.	Un-MUTE the microphone.
	Receiver volume is turned all the way down.	Slowly dial up receiver volume.
	Receiver and Mixer/Amplifier not connected.	Make sure Receiver is connected to your Mixer/Amplifier.
Antenna symbol on display panel is not showing but Receiver and Microphone are ON.	Antennas might be loose and not attached properly.	Make sure antennas are screwed in correctly and upright.
	Metals objects surrounding the Receiver.	Receiver should be clear of any metal objects that could cause interference.
	Receiver and Microphones Line-Of-Sight might be obstructed.	Receiver and Microphones should have a direct unobstructed view and clear of any barriers i.e. walls, furnitures, bodies.
	Receiver and Microphone are on different channels.	Make sure Receiver and Microphone are on the same channel.
Microphone indicator lights are red or blinking.	Low battery power.	Change or recharge batteries.
The word “Incompatible” appears on the Microphone display window.	Means Microphones and Receiver are installed on different ranges.	Please contact your dealer immediately.
Sound distortion or constant feedback.	Microphone is too close to speakers or too close to additional microphones and amplified speakers.	Make sure to keep a good distance away from speakers when performing or speaking.
	Channel might have a lot of interference.	Change or try other channels.
Increased distortion.	Low battery power.	Change or recharge batteries.
Microphone won't turn ON.	Low battery power.	Change or recharge batteries.

Safety, warnings and cautions

Mises en garde, précautions et procédures de sûreté



The lightning-with-arrowhead symbol inside a triangle alerts the user that potentially dangerous voltage in the product enclosure may constitute a risk of electric shock.



The exclamation point within a triangle alerts the user to important operating, maintenance, and servicing information in this User Manual.

CAUTION

To reduce the risk of electrical shocks, fire, and possible injuries, you should not

- remove screws, buttons, antennae, jacks, or any part of the enclosure; or
- expose the product to rain or moisture.

FCC ADVISORY (U.S.A.)

1. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try correcting the problem by one or more of the following measures:

- Reorienting and/or relocating the receiving antennae
- Increasing the distance between the radio/TV equipment and the UHF-A6
- Connecting the radio/TV equipment to an outlet on a different circuit than the one into which the receiver is plugged
- If necessary, consulting the dealer or an experienced radio/TV technician for help

2. **IMPORTANT:** When connecting the UHF-A6 to audio equipment, use only high-quality, shielded cables such as what is supplied with this product. Follow all installation instructions do not modify the equipment in any way, as this could void your FCC authorization to use the device in the U.S.

FOR CANADA/POUR LE CANADA

Caution: To prevent electric shock, match the wide blade of the plug to the wide slot, and fully insert.

Attention: Pour éviter les chocs électriques, introduire la lame la plus large de la fiche dans la borne correspondante de la prise et pousser jusqu'au fond.

This product does not exceed the Class B limits for radio noise emissions from digital devices as set out in the Canadian standard for interference-causing equipment ("Digital Apparatus, ICES-003" from the Department of Communications).

Cet appareil numérique respecte les limites de bruits

radio électriques applicables aux appareils numériques de Classe B prescrites dans la norme sur le matériel brouilleur ("Appareils Numériques, NMB-003" édictée par le Ministre des Communications).

Important safety instructions

1. Read and follow these instructions, keep them handy for reference, familiarize yourself with the product's operation, and heed all safety warnings.
2. Do not use this product near water, on wet surfaces, or in places where moisture may accumulate. Do not expose the device to dripping or splashing, and do not place items filled with liquids – such as vases, beverages, etc. – on top of the device. Clean only with a dry cloth.
3. Do not block any ventilation openings or set device on carpets or rugs. Maintain sufficient room on all sides for airflow.
4. Do not position the device on or near radiators, stoves, or other electrical equipment (such as amplifiers) that produce heat.
5. Do not defeat the safety purpose of a polarized or grounding-type plug. A polarized plug has two blades with one wider than the other, while a grounding-type plug has two blades and one prong. The wide blade and the prong are safety features. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
6. Protect the power cord from being walked on or pinched, particularly where it is plugged in to an electrical socket and the point where it exits from the rear of the device.
7. Only use the attachments and accessories specified by the manufacturer.
8. Use only with a cart, stand, tripod, bracket or table specified by the manufacturer or sold with the device. When using a cart, use caution when moving the cart.
9. Unplug the product during lightning storms or when it will not be used for long periods of time.
10. Refer all servicing to qualified service personnel. Servicing is required when the unit has been damaged

in any way, such as when the power-supply cord or plug is damaged, liquids have been spilled or objects introduced into the enclosure, the device has been exposed to rain or moisture, the product does not operate normally or it has been dropped.

11. Never push objects of any kind into this product, through jacks or other openings, as they may contact dangerous voltage points or short-circuit components, thus causing fire or electrical shock.

12. This product should be operated only from the type of power source indicated on the product label and in this User Manual. If you are not sure of the type of power supplied to your home, consult your product dealer or local utility.

13. An outside antenna system should not be located in close proximity to 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, be extremely careful not to touch such power lines or circuits, as contact with them could be fatal.

14. Do not overload wall outlets or extension cord as this can increase the risk of fire, power outages or electrical shock.

15. When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or with the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock or other hazards.

16. Following any servicing or repair of this product, ask the service technician to perform the appropriate safety checks to ensure the product is in proper operating condition.

17. The product should not be mounted to a wall or ceiling except as recommended by the manufacturer, with a mounting accessory recommended by the manufacturer.

18. If your product is not operating correctly or exhibits a marked change in performance, and you are unable to restore normal operation by following procedures in this User Manual, do not attempt to service it yourself. Opening the enclosure may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

NOTE: With the proper care and maintenance, your UHF-A6 Commercial UHF True Diversity Wireless Microphone System will give you years of dependable, enjoyable use. Make sure you are using freshly charged batteries and good (unfrayed) cables at all times.

UHF-A6

Commercial UHF True Diversity Wireless Microphone System

**One (1) Year Manufacturer Warranty
Lifetime Technical Support
Designed in U.S.A.**

**Technical Support:
Call: (626) 820-0645
Email: techsupport@acesonic.com
Website: www.acesonic.com**

**Acesonic USA, Inc.
161 S. 8th Avenue
City of Industry
CA 91746-3208
U.S.A.**

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