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› XTUGA A400 4-Channel UHF Wireless Microphone System User Manual

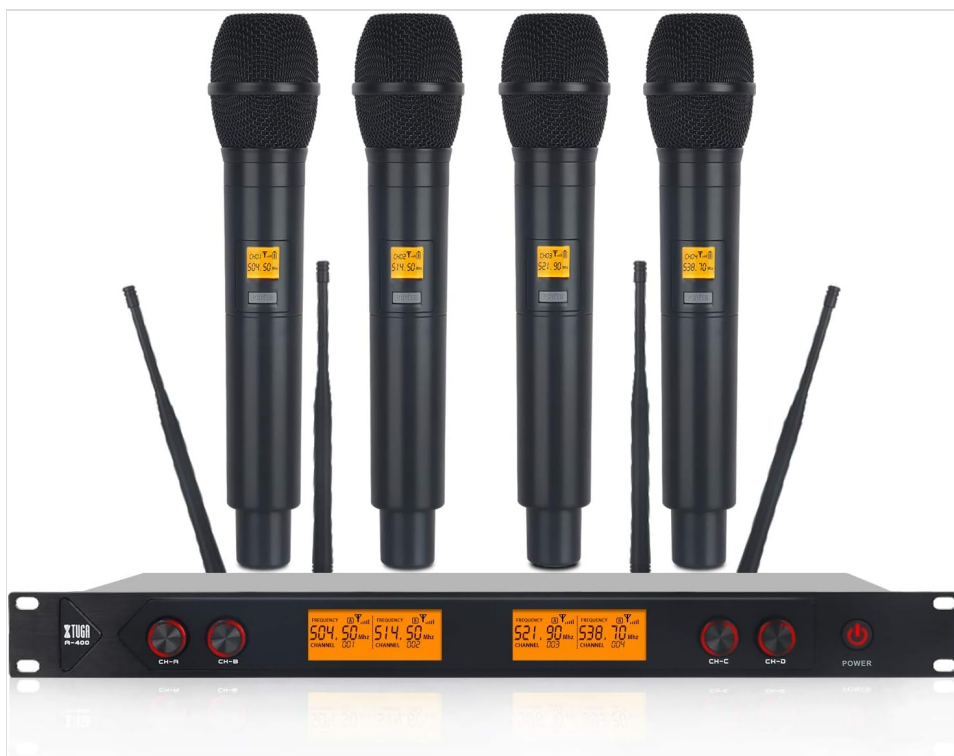
XTUGA A400

XTUGA A400 4-Channel UHF Wireless Microphone System

USER MANUAL

1. Product Overview

The XTUGA A400 is a professional 4-channel UHF wireless microphone system designed for various audio applications. It features a robust metal construction for durability and offers clear audio transmission with a high signal-to-noise ratio. This system is ideal for environments requiring multiple wireless microphones, such as stages, churches, family parties, and karaoke nights.



This image displays the complete XTUGA A400 system, featuring the main receiver unit and four handheld wireless microphones, ready for use.

2. Package Contents

Please verify that all items listed below are included in your package:

- 1 x XTUGA A400 Receiver Unit
- 4 x Handheld Wireless Microphones
- 4 x Antennas
- 1 x Power Adapter
- 1 x 1/4" Audio Cable
- 1 x User Manual



The complete package contents of the XTUGA A400 system are displayed, featuring the main receiver unit, four handheld wireless microphones, four antennas, the power adapter, and the user manual.

3. Setup Instructions

Follow these steps to set up your XTUGA A400 wireless microphone system:

3.1 Receiver Unit Overview

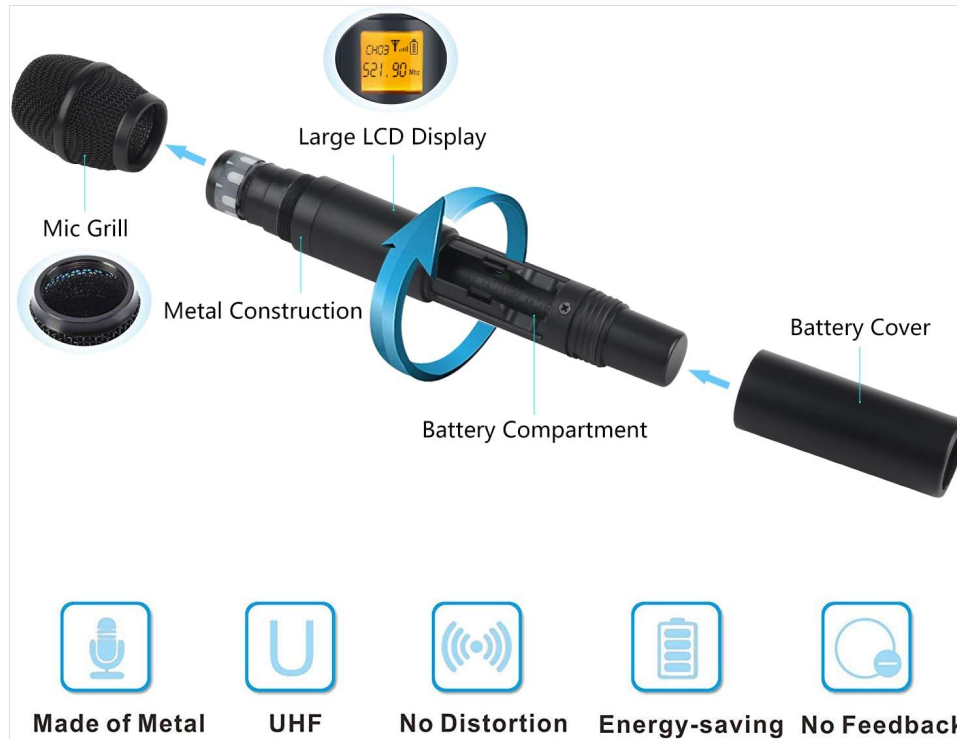


A detailed front view of the XTUGA A400 receiver, highlighting its large LCD display, individual channel volume controls, and the power button for easy identification.



The rear panel of the XTUGA A400 receiver, detailing the DC power input, four antenna connections (Antenna A, B, C, D), a 1/4 inch mixed output, and four individual XLR balanced outputs for professional audio connections.

3.2 Handheld Microphone Overview



An illustration of the handheld microphone's internal and external components, including the mic grill, durable metal construction, the battery compartment for two AA batteries, and the removable battery cover.

3.3 Step-by-Step Setup

1. **Connect Antennas:** Plug the four provided antennas into the corresponding antenna inputs (Antenna A, B, C, D) on the rear of the receiver unit.
2. **Power Connection:** Connect the AC adapter to the DC INPUT on the receiver and then plug it into a wall outlet.
3. **Connect to Audio System:** Use the 1/4" mixed output or the individual XLR balanced outputs to connect the receiver to your amplifier, mixer, or PA system.
4. **Install Microphone Batteries:** Unscrew the bottom part of each handheld microphone to access the battery compartment. Insert two fresh AA batteries into each microphone, ensuring correct polarity.
5. **Power On:** Turn on the receiver unit using the power button on the front panel. Then, turn on each handheld microphone. The receiver's display should show the corresponding channel frequencies, and the knob on the receiver will light red when a microphone is active.



A visual guide outlining the initial setup process: Step 1 shows connecting the AC adapter to a wall outlet and the receiver to an amplifier/speaker. Step 2 illustrates installing fresh batteries into a handheld microphone. Step 3 depicts turning on both the receiver and transmitters for operation.

Your browser does not support the video tag.

This video provides a visual guide to the XTUGA A400 4-Channel UHF Wireless Microphone System, demonstrating its features, components, and basic setup steps for optimal performance.

4. Operating Instructions

4.1 Basic Operation

- **Power On/Off:** Use the power button on the receiver and the switch on each microphone to turn the units on or off.
- **Volume Control:** Adjust the individual channel volume knobs on the receiver to control the output level of each microphone.
- **Channel Selection:** The system automatically pairs the microphones with the receiver. If interference occurs, refer to the full manual for instructions on changing frequencies (if applicable for your model).

4.2 Connectivity

The XTUGA A400 receiver can be connected to a variety of audio devices:



This diagram illustrates the broad compatibility of the XTUGA A400 receiver, showing how it can be integrated with various audio equipment such as laptops, mixers, televisions, PA systems, desktop computers, external speakers, power amplifiers, and DVD players.

4.3 Usage Scenarios

The system is suitable for a wide range of applications:



This image demonstrates the versatility of the XTUGA A400 system, showcasing its suitability for diverse environments such as family parties, business meetings, church services, and live concerts.

4.4 Wireless Range

The XTUGA A400 system provides reliable wireless performance up to 200 feet within line of sight, operating on Ultra High Frequency (UHF) bands.



This diagram visually represents the effective operating range of the wireless microphone system, indicating reliable performance up to 200 feet within line of sight, adhering to Ultra High Frequency (UHF) standards.

5. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the receiver and microphones. Avoid using liquid cleaners or solvents.
- **Battery Replacement:** Replace microphone batteries (2 AA per microphone) when the battery indicator on the microphone or receiver shows low power. Always use fresh, high-quality batteries.
- **Storage:** When not in use for extended periods, remove batteries from the microphones and store the system in a cool, dry place away from direct sunlight and extreme temperatures.
- **Antenna Care:** Ensure antennas are securely connected and not bent or damaged.

6. Troubleshooting

- **No Sound:**
 - Ensure the receiver is powered on and connected to your audio system.
 - Check that microphones are powered on and have fresh batteries.
 - Verify volume levels on both the receiver and your audio system are adjusted correctly.
 - Confirm that the microphones are paired with the receiver (indicated by a stable signal light on the receiver).
- **Interference/Poor Sound Quality:**
 - Ensure antennas are properly connected and extended.
 - Move the receiver away from other electronic devices that may cause interference (e.g., Wi-Fi routers,

other wireless systems).

- Check the operating distance; ensure you are within the recommended range of 200 feet line of sight.
- If available, try changing the operating frequency channels on the receiver and microphones (refer to the full product manual for detailed instructions on frequency adjustment).

• **Microphone Cuts Out:**

- Replace batteries in the affected microphone.
- Ensure there are no obstructions between the microphone and the receiver.
- Check for strong external interference sources.

7. Specifications

Feature	Specification
Model Number	A400
Channels	4-Channel
Wireless Technology	UHF (Ultra High Frequency)
Microphone Type	Handheld, Unidirectional
Construction Material	Metal
Signal-to-Noise Ratio	High
Power Source (Microphone)	2 AA batteries required per microphone
Item Weight	10.6 ounces (receiver unit)
Product Dimensions	6.3 x 21.65 x 14.17 inches
Connector Type	XLR, 1/4" Mixed Output
Hardware Platform	Karaoke Machine compatible

8. Warranty and Support

XTUGA products are designed for reliability and performance. For specific warranty information, please refer to the warranty card included with your product or visit the official XTUGA website. For technical support, troubleshooting assistance, or service inquiries, please contact XTUGA customer support through the contact information provided in your product packaging or on the XTUGA brand store page.