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XIAOKOA U12WDZ

XIAOKOA Wireless Microphone User Manual

Model: U12WDZ

INTRODUCTION

This manual provides detailed instructions for the operation and maintenance of your XIAOKOA Wireless Microphone system. Please read this manual thoroughly before use to ensure proper functionality and to maximize the lifespan of your device.

The XIAOKOA Wireless Microphone is designed for tubular instruments such as flutes, piccolos, and clarinets, offering stable UHF wireless transmission up to 130 feet (40 meters) in open areas. It features an LED digital screen for frequency, battery, and volume display, a high-sensitivity condenser microphone with spring shock-absorbing design for clear sound, and a built-in rechargeable battery providing 6-8 hours of use.

PRODUCT COMPONENTS

The XIAOKOA Wireless Microphone system includes the following components:

- Microphone (Transmitter unit with integrated clip)
- Receiver unit
- 3.5mm to 6.35mm adapter
- Dual USB charging cable
- Instruction manual (this document)



Image: Overview of the XIAOKOA Wireless Microphone system, showing the transmitter with its clip, the receiver, and the 3.5mm to 6.35mm adapter. The transmitter features an LED display.

SETUP

Charging the Devices

Before first use, fully charge both the microphone (transmitter) and the receiver.

1. Connect the dual USB charging cable to a USB power source (e.g., computer USB port, USB wall adapter).
2. Connect one micro USB end of the cable to the charging port on the transmitter and the other to the charging port on the receiver.
3. The charging indicator light on both devices will illuminate during charging and turn off or change color when fully charged. A full charge takes approximately 2 hours and provides 6-8 hours of working time.



Image: The transmitter and receiver units connected to the dual USB charging cable, illustrating the charging process. A battery icon and "6H Working hours" are shown, indicating battery life.

Attaching the Microphone

1. Identify the appropriate position on your wind instrument (flute, piccolo, clarinet, etc.) to attach the microphone. The clip is designed for tubular instruments.
2. Gently open the clip on the microphone transmitter and secure it firmly to the instrument. Ensure it is stable and non-slip to prevent scratches.
3. Adjust the flexible arm of the microphone to position the microphone head optimally for sound capture, typically near the mouthpiece or sound holes, while avoiding direct airflow that could cause noise.

High-definition Digital Display

LED display can intuitively and clearly display the frequency, battery power and



Frequency

Battery Status

Volume

Image: The XIAOKOA wireless microphone transmitter clipped onto a flute, demonstrating its secure attachment and flexible arm for positioning.



LED
Digital Screen

Frequency

Battery Status

Volume

Image: A detailed view of the microphone's professional tubular instrument clip, highlighting its stable and non-slip design. Also shown is an internal diagram illustrating the intelligent noise reduction components within the microphone head.

[Connecting the Receiver](#)

1. Plug the receiver unit directly into the input jack of your PA system, amplifier, or speaker.
2. If your audio equipment requires a 6.35mm (1/4 inch) input, attach the provided 3.5mm to 6.35mm adapter to the receiver's 3.5mm jack before plugging it into the equipment.

Ultra-long Distance

Wireless Transmission

UHF wireless connection, **40 meters** long-distance transmission



Supports up to **40 groups** working simultaneously

Image: The XIAOKOA wireless receiver plugged into an amplifier, demonstrating the wireless connection setup for sound output.

OPERATING INSTRUCTIONS

Powering On/Off

- To power on the transmitter (microphone) and receiver, slide their respective power switches to the "ON" position.
- To power off, slide the switches to the "OFF" position.

Automatic Pairing

The transmitter and receiver are designed to pair automatically upon power-on. A blue indicator light on the receiver

will confirm a successful connection.

LED Digital Screen Functions

The transmitter features an LED digital screen that displays key operational information:

- **Frequency (e.g., "C05"):** Indicates the current UHF frequency channel. The system supports up to 40 sets working simultaneously without interference.
- **Battery Status:** Shows the remaining battery power. Recharge when the indicator is low.
- **Volume (e.g., "U08"):** Displays the current volume level.

Professional Tubular Instrument Clip

Stable and non-slip, no scratches on the surface of the instrument



Image: Three views of the transmitter's LED digital screen, showing examples of frequency display ("C05"), battery status (bars), and volume level ("U08").

Adjusting Settings

Use the "+" and "-" buttons on the transmitter to adjust the volume or change the frequency if interference occurs. Refer to the LED screen for current settings.

Usage Tips

- For optimal sound quality, ensure the microphone is positioned correctly to capture the instrument's sound without picking up excessive key noise or breath sounds.
- Maintain a clear line of sight between the transmitter and receiver for the best wireless performance, especially at longer distances.
- This system is not compatible with Macbook/laptop/PC/mobile devices. It is designed for use with PA systems, amplifiers, and speakers.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the microphone and receiver. Do not use liquid cleaners or solvents.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. If storing for an extended period, charge the battery to about 50% every few months.
- **Handling:** Handle the microphone and receiver with care. Avoid dropping them or subjecting them to strong impacts.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound output	<ul style="list-style-type: none"> • Devices not powered on. • Low battery. • Not paired. • Receiver not properly connected to audio equipment. • Audio equipment volume too low or muted. 	<ul style="list-style-type: none"> • Ensure both transmitter and receiver are switched ON. • Charge both devices fully. • Power cycle both devices to re-initiate pairing. • Check all cable connections and ensure the adapter is used correctly if needed. • Increase volume on amplifier/PA system.
Interference/Poor sound quality	<ul style="list-style-type: none"> • Other wireless devices operating on similar frequencies. • Obstructions between transmitter and receiver. • Microphone positioned incorrectly. 	<ul style="list-style-type: none"> • Change the frequency channel on the transmitter using the "+" and "-" buttons. • Reduce distance or remove obstructions. • Adjust microphone position to avoid key noise or breath sounds.
Short battery life	<ul style="list-style-type: none"> • Battery not fully charged. • Aging battery. 	<ul style="list-style-type: none"> • Ensure full charge before use (approx. 2 hours). • Contact customer support if battery life significantly degrades over time.

SPECIFICATIONS

- **Model:** U12WDZ
- **Connectivity Technology:** UHF Wireless
- **Transmission Range:** Up to 130 feet (40 meters) in open area
- **Battery:** Built-in 400mAh rechargeable Lithium Polymer battery (Transmitter & Receiver)
- **Charging Time:** Approximately 2 hours
- **Working Time:** Approximately 6-8 hours
- **Microphone Type:** Condenser, Unidirectional
- **Connector Type:** 3.5mm Jack, 6.35mm Jack (with adapter)
- **Material:** Plastic
- **Item Weight:** 4.9 ounces
- **Package Dimensions:** 9.61 x 6.85 x 1.46 inches
- **Compatible Devices:** PA System, Amplifier, Speaker
- **Special Features:** Clip, Battery Indicator Light, Volume Control, Digital Screen

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the contact details provided on the product packaging or visit the official XIAOKOA website. Keep your purchase receipt for warranty claims.

Manufacturer: XIAOKOA

Country of Origin: China