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› XIAOKOA UHF Wireless Instruments Microphone,Saxophone Microphone,Wireless Receiver and Transmitter,164ft Range,Plug and Play,Great for Trumpets, Clarinet, Cello N90

XIAOKOA N90

XIAOKOA UHF Wireless Instruments Microphone N90 User Manual

Model: N90 | Brand: XIAOKOA

1. INTRODUCTION

The XIAOKOA UHF Wireless Instruments Microphone N90 is designed to provide high-quality, stable audio transmission for various musical instruments. Utilizing the latest UHF wireless technology, it ensures a clear and realistic sound experience with a transmission range of up to 164 feet in open areas. Its plug-and-play design and long battery life make it ideal for concerts, band performances, personal practice, and teaching.

2. WHAT'S IN THE BOX

- Microphone Transmitter
- UHF Receiver
- 6.35mm Jack Adapter
- Dual Charging Cable
- User Manual
- Warranty Card

3. KEY FEATURES

- **UHF Wireless Technology:** Ensures stable signal transmission up to 164 feet (50 meters) in open areas. Supports up to 40 sets working simultaneously without interference.
- **High-Sensitivity Condenser Microphone:** Built-in highly sensitive condenser microphone perfectly captures the instrument's soundtrack, making the sound clear and realistic. Features a damping spring for accurate sound pickup and effective noise/echo reduction.



Damping Spring Condenser Mic

Microphone with shock absorber spring, accurate sound pickup, and effectively reduce noise and echo.

Retaining clip

Fix transmitter on saxophone's trumpet mouth, Using high-quality materials, non-slip, and well protect the instrument from damage

Figure 3.1: Damping Spring Condenser Mic

- **LED Digital Screen:** The wireless instrument microphone features an LED digital screen that displays Frequency, Battery Power, and Volume for easy monitoring.

Digital screen display introduction

It will be displayed the frequency/battery status and volume.



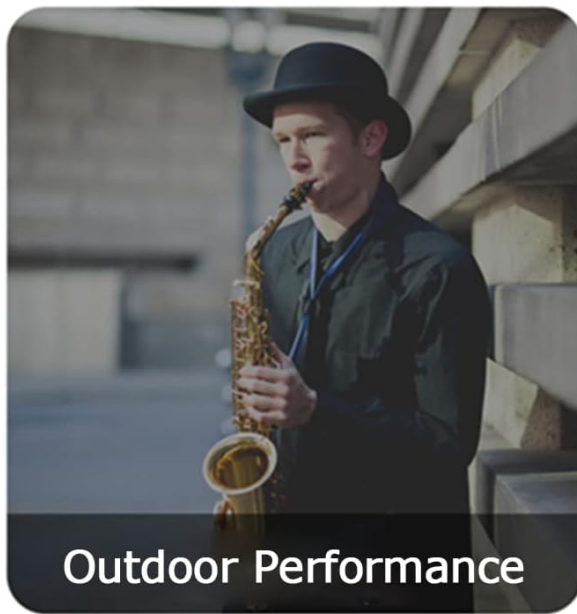
Figure 3.2: LED Digital Screen Display

- **Silicone Shock-Proof Clip:** Designed for easy and secure fixation on instruments, effectively filtering noise generated by instrument vibration. The microphone head is 360-degree rotatable for optimal positioning.

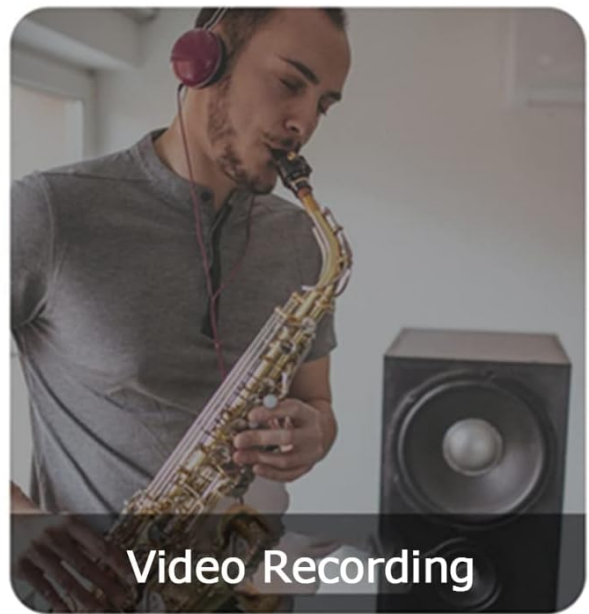


Figure 3.3: Microphone Head Rotation

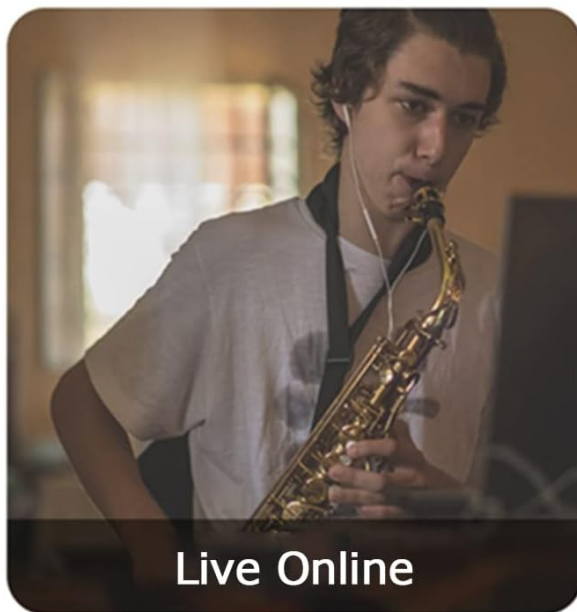
- **Super Battery Life:** Built-in 400mAh rechargeable lithium-ion battery provides 5-6 hours of available use after a 2-hour charge. A red light indicates charging, and turns off when fully charged.
- **Wide Application:** Compatible with voice amplifiers, speaker systems, and other audio equipment. Suitable for various brass instruments such as trumpets, trombones, saxophones, euphoniums, tubas, and French horns.



Outdoor Performance



Video Recording



Live Online



Teaching Course

Figure 3.4: Applicable Equipment

4. SETUP GUIDE

4.1 Charging the Device

Before first use, fully charge both the transmitter and receiver. Use the provided dual charging cable to connect both units to a USB power source. The charging indicator light will be red during charging and turn off when fully charged. A full charge typically takes 2 hours.



Figure 4.1: Dual Charging Cable

4.2 Connecting the Receiver and Transmitter

1. Plug the receiver into your audio device (e.g., voice amplifier, speaker system, power amplifier). Use the 6.35mm adapter if your device requires it.
2. Turn on both the receiver and the transmitter. They should automatically pair. The blue indicator light on the receiver will illuminate when connected.
3. Ensure the receiver is within the 164ft (50m) transmission range of the transmitter for optimal performance.



Figure 4.2: Wireless Transmission Setup

4.3 Transmitter Installation on Instrument

Attach the transmitter to your instrument using the silicone shock-proof clip. For best sound quality and to minimize key noise, ensure the microphone is positioned at an angle of less than or equal to 45 degrees and a distance of less than or equal to 10cm from the instrument's sound source.

Applicable Equipment

(not compatible with bluetooth speaker)



Figure 4.3: Correct Transmitter Installation

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

Press and hold the power button on both the transmitter and receiver to turn them on or off.

5.2 Adjusting Volume and Frequency

Use the '+' and '-' buttons on the transmitter to adjust the volume (displayed as U00-U11 on the LED screen). To change the frequency channel (C00-C39), refer to the digital screen. This can help in avoiding interference when using multiple units or in crowded wireless environments.

5.3 Application Scenarios

The XIAOKOA N90 microphone is versatile and suitable for various applications:



Figure 5.1: Diverse Application Scenarios

Watch the official product video below for a demonstration of the wireless saxophone microphone in action:

Your browser does not support the video tag.

Official product video demonstrating the XIAOKOA UHF Wireless Saxophone Microphone in use, highlighting its wireless capabilities and sound quality.

6. MAINTENANCE

6.1 Battery Care

- Avoid completely draining the battery before recharging to prolong its lifespan.
- If storing the device for an extended period, charge it to about 50% every few months.

6.2 Cleaning

- Wipe the microphone and receiver with a soft, dry cloth.
- Do not use harsh chemicals or abrasive cleaners.

6.3 Storage

Store the microphone system in a cool, dry place away from direct sunlight and extreme temperatures. Keep it away from fire sources or any overheating environment.

7. TROUBLESHOOTING

• No Sound/Weak Signal:

- Ensure both transmitter and receiver are fully charged and powered on.
- Check that the receiver is securely plugged into the audio input of your device.

- Verify that the volume on the transmitter (U00-U11) is set appropriately.
- Confirm that the transmitter and receiver are paired. If not, power cycle both units.
- Reduce the distance between the transmitter and receiver, ensuring no major obstructions.

- **Interference/Noise:**

- Change the frequency channel on the transmitter to find a clearer signal (refer to section 5.2).
- Ensure the microphone is installed correctly on the instrument, maintaining the recommended angle and distance to minimize mechanical noise (refer to section 4.3).
- Move away from other wireless devices or strong electromagnetic fields that might cause interference.

- **Device Compatibility:**

- Note that this microphone system does **not** support direct connection to Macbooks, laptops, PCs, or mobile phones. It is designed for use with PA systems, amplifiers, and speakers.
- Ensure your audio device has a compatible 3.5mm or 6.35mm input jack.

8. SPECIFICATIONS

Specification	Value
Brand	XIAOKOA
Model Number	G18B (N90)
Connectivity Technology	UHF Wireless
Transmission Range	Up to 164 feet (50 meters) in open area
Microphone Form Factor	Lavalier (Clip-on)
Polar Pattern	Unidirectional
Power Source	Battery Powered (1 Lithium Polymer battery included)
Battery Capacity	400mAh
Battery Life	5-6 hours (after 2 hours charge)
Number of Channels	40
Signal-to-Noise Ratio	70 dB
Audio Sensitivity	70 dB
Connector Type	6.35 mm Jack, 3.5 mm Jack
Material	Acrylonitrile Butadiene Styrene
Item Weight	140 Grams (4.9 ounces)
Recommended Uses	Instrumental Performances

9. WARRANTY AND SUPPORT

This product comes with a warranty card included in the packaging. Please refer to the warranty card for specific terms and conditions regarding coverage and duration.

For technical support, troubleshooting assistance, or warranty claims, please contact XIAOKOA customer service through the contact information provided on your warranty card or the official XIAOKOA website.