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> cogae U801 UHF Wireless XLR Transmitter and Receiver User Manual

cogae U801

U801 UHF Wireless XLR Transmitter and Receiver User Manual

Model: U801 (500800410)

Brand: cogae

1. INTRODUCTION

Thank you for choosing the cogae U801 UHF Wireless XLR Transmitter and Receiver. This system is designed to provide high-quality wireless audio transmission for microphones, suitable for various applications such as live interviews, studio recordings, karaoke, and stage performances. Please read this manual carefully before use to ensure proper operation and to maximize the lifespan of your device.

Package Contents:

- 1 x Wireless XLR Transmitter
- 1 x Wireless XLR Receiver
- 1 x USB Data Cable (for charging)



Figure 1.1: The cogae U801 package includes one wireless XLR transmitter, one wireless XLR receiver, and a USB charging cable. Both the transmitter and receiver are compact, black, and feature silver XLR connectors.

Audio wireless transmitter

Material:
Aluminum alloy + ABS

Frequent use, long lifespan, and sturdy durability



Colour:Black
1 x transmitter
1 x receiver
1 x data cable

Figure 1.2: A visual representation of the product components, highlighting the aluminum alloy and ABS construction, and reiterating the included items: 1 transmitter, 1 receiver, and 1 data cable.

2. KEY FEATURES

- **Robust Construction:** Built from a durable combination of Aluminum alloy and ABS, ensuring longevity and reliability.
- **Long Transmission Range:** Offers a transmission distance of 30-50 meters (approximately 98-164 feet), providing freedom of movement.
- **Rechargeable Battery:** Equipped with a built-in rechargeable battery, providing 6 to 8 hours of continuous use on a single charge.
- **Versatile Compatibility:** Supports both dynamic and 48V capacitive (condenser) microphones, offering flexibility for various audio setups.
- **Wide Application:** Ideal for karaoke, stage performances, live interviews, and studio environments.
- **Plug and Play:** Designed for ease of use, allowing for quick setup and operation.
- **Compact and Lightweight:** Portable design for convenient transport and minimal interference with

Wireless microphone audio transmitter



Constructed from a robust combination of Aluminum alloy and ABS

Figure 2.1: The wireless microphone audio transmitter and receiver units, highlighting their durable construction from aluminum alloy and ABS materials.

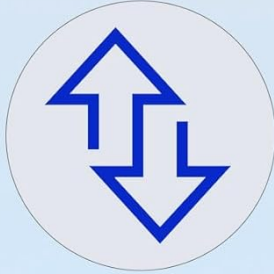
Wireless Transmitter and Receive



Flexible selection of microphone based on different sound requirements

Figure 2.2: The transmitter and receiver units, illustrating their compatibility with both dynamic and condenser microphones, and their suitability for diverse applications like karaoke and stage performances.

Microphone audio wireless transmitter



plug and play



Small and lightweight



Figure 2.3: The compact and lightweight design of the microphone audio wireless transmitter, emphasizing its plug-and-play convenience.

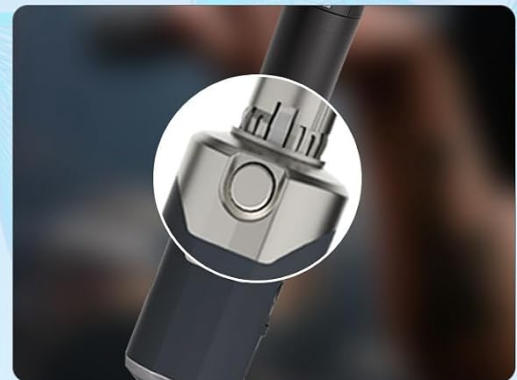
Transmitter and Receive



Convenient charging: built-in rechargeable battery



With a transmission distance of 30-50 meters



This system supports 48V Capacitive Microphones

Figure 2.4: The transmitter and receiver units, illustrating their effective transmission range of 30-50 meters and support for 48V capacitive microphones, along with convenient charging via a built-in rechargeable battery.

3. SETUP GUIDE

3.1 Charging the Devices

Before first use, ensure both the transmitter and receiver are fully charged. Use the provided USB data cable to connect each unit to a standard USB power adapter (not included) or a computer USB port. The charging indicator light will illuminate during charging and turn off when fully charged.

- Connect the micro-USB end of the cable to the DC 5V port on the transmitter/receiver.
- Connect the USB-A end to a power source.
- A full charge typically takes 2-3 hours.



Figure 3.1: Rear view of the transmitter and receiver units, showing the DC 5V charging ports and power indicators, essential for charging the built-in rechargeable batteries.

3.2 Connecting the Transmitter

1. Identify the transmitter unit (labeled "Transmitter").
2. Plug the XLR end of the transmitter directly into the XLR output port of your microphone. Ensure a secure connection.
3. If using a condenser microphone requiring 48V phantom power, ensure the microphone's phantom power switch (if applicable) is engaged, or that the transmitter's 48V switch is in the correct position (refer to the unit's markings).

3.3 Connecting the Receiver

1. Identify the receiver unit (labeled "Receiver").
2. Plug the XLR end of the receiver into the XLR input port of your audio mixer, amplifier, or other audio interface. Ensure a secure connection.

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off

- To power on: Press and hold the power button on both the transmitter and receiver until the indicator light illuminates.
- To power off: Press and hold the power button on both units until the indicator light turns off.

4.2 Pairing

The transmitter and receiver are typically pre-paired from the factory. If they do not connect automatically upon powering on, follow these steps:

1. Ensure both the transmitter and receiver are powered off.
2. Power on the transmitter first.
3. Power on the receiver.
4. The units should automatically search for and connect to each other. The indicator lights will change to indicate a successful connection (e.g., solid blue).
5. If pairing fails, try repeating the process or consult the troubleshooting section.

4.3 Using the System

- Once paired, the audio signal from your microphone connected to the transmitter will be wirelessly sent to the receiver.
- Adjust the volume levels on your mixer or audio interface as needed.
- Monitor the battery indicator lights on both units to ensure sufficient power during operation.

5. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the units. Do not use abrasive cleaners or solvents.
- **Storage:** Store the devices in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** For optimal battery life, avoid fully discharging the units frequently. If storing for extended periods, charge them to about 50% every few months.
- **Handling:** Handle the units with care. Avoid dropping them or subjecting them to strong impacts.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No sound output.	• Units not powered on. • Units not paired. • Microphone not connected properly. • Receiver not connected to audio input. • Low battery. • Volume levels too low.	• Ensure both transmitter and receiver are powered on. • Re-pair the units as per Section 4.2. • Check XLR connections on microphone and receiver. • Verify receiver is plugged into a working audio input. • Charge both units fully. • Increase volume on your mixer/audio interface.
Intermittent sound or dropouts.	• Too far from receiver. • Obstructions between units. • Interference from other wireless devices. • Low battery.	• Reduce distance between transmitter and receiver. • Ensure clear line of sight. • Move away from other wireless devices (Wi-Fi routers, other wireless mics). • Charge both units fully.
Units not charging.	• Faulty USB cable. • Faulty power adapter/USB port.	• Try a different USB cable. • Try a different USB power adapter or port.

7. SPECIFICATIONS

Attribute	Detail
Product Name	UHF Wireless XLR Transmitter and Receiver
Brand	cogae
Model Number	500800410 (U801)
Color	Black
Material	Aluminum alloy + ABS
Transmission Distance	30-50 meters (approx. 98-164 feet)
Battery Life	6-8 hours (built-in rechargeable battery)
Charging Input	DC 5V (via Micro USB)
Microphone Compatibility	Dynamic microphones, 48V Capacitive (Condenser) microphones
Product Dimensions	16 x 15 x 4 cm (approx. 6.3 x 5.9 x 1.6 inches)
Item Weight	305 Grams (approx. 0.67 lbs)

8. WARRANTY AND SUPPORT

This product is covered by a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the documentation provided at the time of purchase or contact your retailer. For technical support or inquiries, please reach out to the cogae customer service department through your point of purchase. Please retain your proof of purchase for warranty claims.

