

POGOLAB BKW-X1

POGOLAB Wireless Microphone Transmitter Receiver User Manual

Model: BKW-X1

PRODUCT OVERVIEW

The POGOLAB BKW-X1 is a 2.4Ghz wireless XLR system designed to provide freedom and flexibility for your dynamic and condenser microphones. This system eliminates the need for cumbersome microphone cables, offering a stable and clear audio transmission for various applications such as live performances, home karaoke, meetings, and weddings.

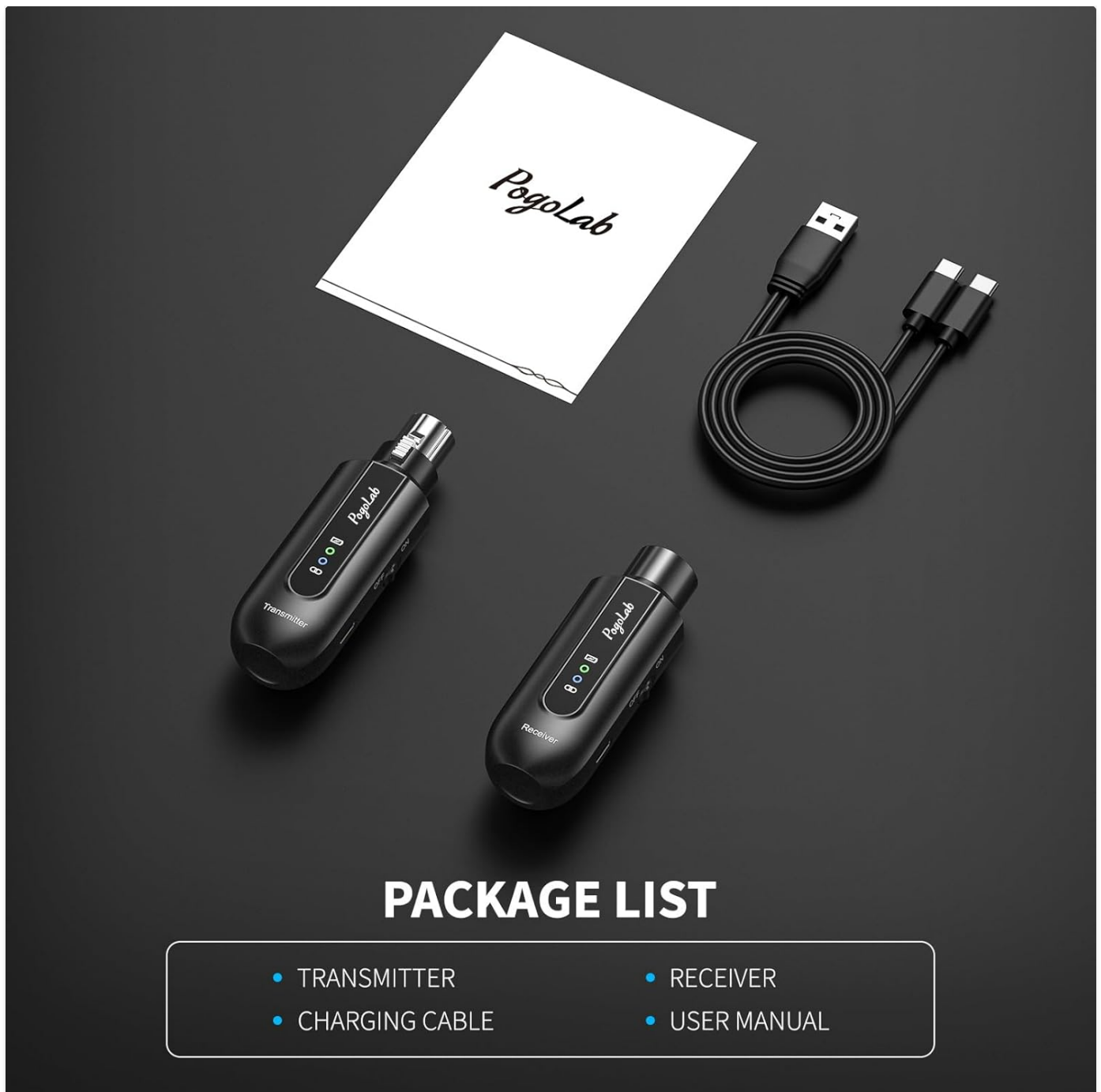


Image: The POGOLAB BKW-X1 wireless XLR transmitter and receiver units. The transmitter features an XLR male connector, and the receiver has an XLR female connector, both with indicator lights.

PACKAGE CONTENTS

Upon opening the package, please verify that all components are present and in good condition:

- 1 x Wireless Microphone Transmitter
- 1 x Wireless Microphone Receiver
- 1 x Charging Cable (USB)
- 1 x User Manual (this document)



PACKAGE LIST

- TRANSMITTER
- RECEIVER
- CHARGING CABLE
- USER MANUAL

Image: An overhead view of the POGOLAB wireless microphone system package contents, including the transmitter, receiver, charging cable, and user manual.

SETUP INSTRUCTIONS

1. Charging the Units

Before first use, fully charge both the transmitter and receiver. Connect the included USB charging cable to the charging ports on each unit and to a standard USB power adapter (not included). The power indicator light will show charging status.

LONG BATTERY LIFE

Works for 12h after 2h charging time



Image: An illustration showing the POGOLAB transmitter and receiver being charged, highlighting the 12 hours working time after 2 hours of charging.

2. Connecting the Transmitter

Plug the transmitter unit into the XLR output of your dynamic or condenser microphone. Ensure a secure connection.

3. Connecting the Receiver

Plug the receiver unit into the XLR input of your audio mixer, PA system, audio interface, or recorder. Ensure a secure connection.

ONE-KEY TO PAIRING

Free from the shackles of cables, suitable for a variety of occasions.



Image: A diagram illustrating the one-key pairing process between the transmitter and receiver, and showing compatibility with dynamic/condenser mics, mixers, speakers with XLR input, audio interfaces, and recorders.

4. Powering On and Pairing

Turn on both the transmitter and receiver units. They are designed for "plug and play" operation and should automatically pair. The working light (blue) will indicate a successful connection.

OPERATING INSTRUCTIONS

1. Phantom Power (48V)

The transmitter features a switch for 48V phantom power. This function is required for condenser microphones. For dynamic microphones, ensure the 48V phantom power is turned **OFF** to conserve battery life. Only activate it when using a condenser microphone.

SUPPORT 48V PHANTOM POWER

Compatible with condenser MIC and dynamic MIC



Image: An illustration demonstrating the use of 48V phantom power, showing compatibility with both condenser and dynamic microphones.

2. Transmission Range

The system offers a long transmission distance of up to 150 feet (approximately 45 meters) in optimal conditions. This allows for significant mobility during use.

LONG TRANSMISSION DISTANCE

Cater for your need of remote "set up"



Image: A visual representation of the 150ft range of connection between the wireless microphone and a speaker system.

3. Battery Life and Indicators

A full charge provides approximately 12 hours of runtime. When using a condenser microphone with 48V phantom power enabled, the battery life may be shorter due to increased power consumption. Monitor the power indicator light:

- **Flashing Power Light:** Indicates low battery. Recharge the unit.
- **Solid Power Light (Green when full):** Indicates charging. Turns green when fully charged.
- **Solid Working Light (Blue):** Indicates power is on and Bluetooth is connected.

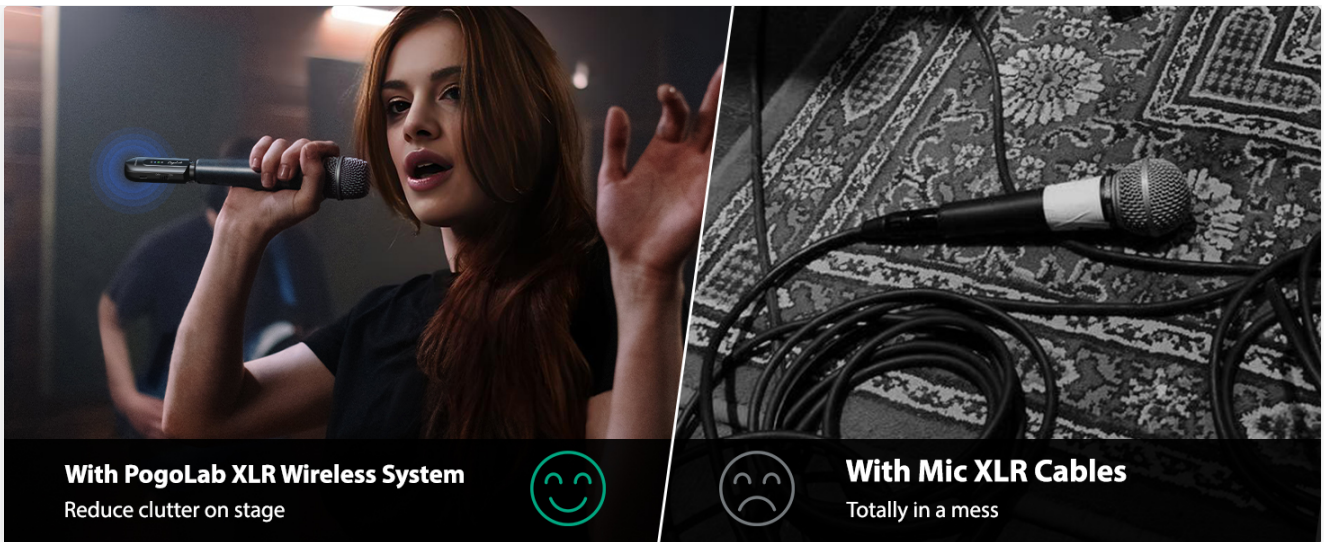


Image: A table detailing the status of the power light and working light (blue) indicators on the POGOLAB wireless units.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the units. Avoid using liquid cleaners or solvents.
- **Storage:** Store the units in a cool, dry place away from direct sunlight and extreme temperatures when not in use.
- **Battery Care:** To prolong battery life, avoid fully discharging the units frequently. Recharge them when the low battery indicator appears. If storing for extended periods, charge the units to about 50% every few months.
- **Handling:** Handle the units with care to prevent damage from drops or impacts.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound output.	Units not powered on. Units not paired. Low battery. Incorrect phantom power setting for condenser mic. Microphone or audio device issue.	Ensure both transmitter and receiver are powered on. Check working light (blue) for connection. If not solid, repair. Charge both units fully. If using a condenser mic, ensure 48V phantom power is ON. Test microphone and audio device separately.
Poor sound quality / Static.	Interference from other 2.4Ghz devices. Units too far apart. Obstructions between units.	Move away from Wi-Fi routers, cordless phones, or other 2.4Ghz devices. Reduce distance between transmitter and receiver. Ensure clear line of sight between units.
Short battery life.	48V phantom power always on (with dynamic mic). Battery degradation over time.	Turn off 48V phantom power when using dynamic microphones. Ensure full charge before use.

SPECIFICATIONS

Feature	Detail

Feature	Detail
Model Name	BKW-X1
Connectivity Technology	XLR, 2.4Ghz Wireless
Connector Type	3 Pin XLR
Microphone Form Factor	Handheld (adapter)
Power Source	Battery Powered (1 Lithium Polymer battery included)
Battery Type	Lithium Ion
Working Time	Up to 12 hours (approx.)
Charging Time	Approx. 2 hours
Transmission Range	Up to 150 feet (approx. 45 meters)
Audio Sensitivity	110 dB
Signal-to-Noise Ratio	110 dB
Number of Channels	4
Material	Metal Alloys and Plastics
Item Weight	4.2 ounces (approx. 119 grams)
Package Dimensions	4.92 x 4.49 x 1.46 inches
Special Feature	Rechargeable, 48V Phantom Power Support
Compatible Devices	Audio Interface, Camera, Mixer, PA System
Included Components	Wireless Microphone transmitter, Receiver
Polar Pattern	Unidirectional (for connected mic)

WARRANTY AND SUPPORT

POGOLAB products are designed for reliability and performance. For specific warranty details, please refer to the warranty card or documentation included with your purchase. If you encounter any issues or require technical assistance, please contact POGOLAB customer support through the official website or the retailer where the product was purchased. For the latest information and support, visit the official POGOLAB store: [POGOLAB Store on Amazon](#).



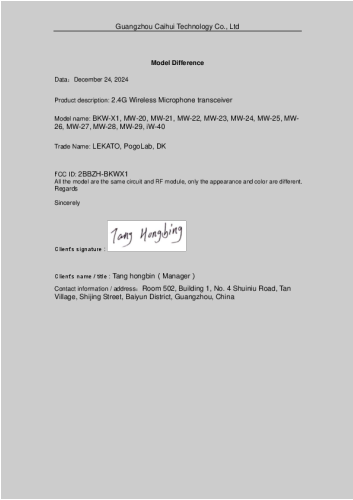
Related Documents



[PogoLab M6 Wireless System: User Manual and Operation Guide](#)

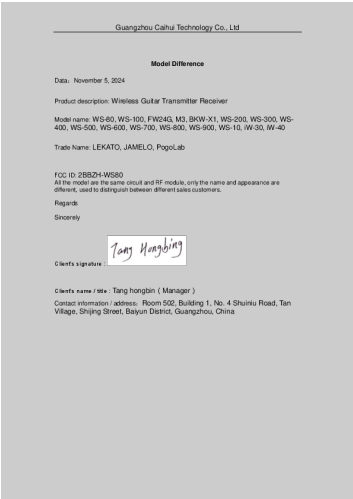
Comprehensive guide to the PogoLab M6 Wireless System, covering system specifications, basic operation, pairing, channel selection, charging, and regulatory compliance.

Documents - POGOLAB – BKW-X1



[\[pdf\]](#)

tom Model Difference Guangzhou Caihui Technology Co Ltd BKWX1 2 4G Wireless Microphone transceiver 2BBZH 2BBZHBKWX1 bkwx1
Guangzhou Caihui Technology Co., Ltd DataDecember 24, 2024 Model Difference
Product description: 2.4G Wireless Microphone transceiver Model name: **BKW-X1**, MW-20, MW-21, MW-22, MW-23, MW-24, MW-25, MW26, MW-27, MW-28, MW-29, iW-40 Trade Name: LEKATO, PogoLab, DK FCC ID: 2BBZH-BKWX1 All the model ...
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[Guangzhou Caihui Technology Wireless Guitar Transmitter Receiver Model Differences](#)

This document from Guangzhou Caihui Technology Co., Ltd details the model differences for their Wireless Guitar Transmitter Receiver series, including models WS-80, WS-100, FW24G, M3, BKW-X1, WS-200, WS-300, WS-400, WS-500, WS-600, WS-700, WS-800, WS-900, WS-10, iW-30, and iW-40, marketed under trade names LEKATO, JAMELO, and PogoLab. It confirms that all models share the same circuit and RF module, with variations only in name and appearance for different sales channels.

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