

[Manuals.plus](#) /

› [Blackmore Pro Audio](#) /

› Blackmore Pro Audio BMP-12 Dual Wireless UHF Microphone System User Manual

Blackmore Pro Audio BMP-12

Blackmore Pro Audio BMP-12 Dual Wireless UHF Microphone System User Manual

INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, maintenance, and troubleshooting of your Blackmore Pro Audio BMP-12 Dual Wireless UHF Microphone System. Designed for stable, interference-free audio, this portable system offers an operating range of over 200 feet in open areas, making it suitable for various applications including outdoor activities, home entertainment, and professional presentations.

WHAT'S IN THE BOX

Upon unpacking, please verify that all components are present:

- 2 x Wireless Microphones (BMP-12)
- 1 x Wireless Receiver
- 4 x AA Batteries
- 1 x USB Charging Cable (for receiver)
- 1 x User Manual (this document)



Image: The Blackmore Pro Audio BMP-12 Dual Wireless UHF Microphone System, showing two microphones, a receiver, and the retail packaging.

PRODUCT OVERVIEW

The BMP-12 system consists of two handheld wireless microphones and a compact receiver. The microphones feature a durable steel construction and an integrated display showing frequency and battery status. The receiver is designed for portability and ease of connection.





Image: Two Blackmore Pro Audio BMP-12 wireless microphones with digital displays and a compact plug-in receiver.

Restore High-Quality Sound



UHF



50 Channels



Wireless Microphone



Transmitter: 4×AA Batteries
Receiver: 450mAh
Lithium Battery



Quality Assurance



Upgraded Signal



Long Operating Distance



Image: Diagram highlighting key features such as UHF technology, 50 channels, upgraded signal, and long operating distance.

SETUP

1. **Install Batteries in Microphones:** Each BMP-12 microphone requires two AA batteries. Unscrew the bottom part of the microphone, insert the batteries according to the polarity markings, and then re-secure the cover. Four AA batteries are included with the system.
2. **Charge the Receiver:** The compact receiver contains a 450mAh lithium battery. Connect the receiver to a USB power source using the provided USB charging cable. The charging indicator will show its status. A full charge provides approximately 5 hours of working time.
3. **Connect the Receiver:** Plug the receiver's 1/4" (6.35mm) jack into the microphone input of your audio device (e.g., mixer, PA speaker system, karaoke machine). Ensure the audio device is powered off before connecting.
4. **Power On:** Turn on your audio device. Then, press the power button on each microphone and on the receiver. The microphones and receiver will automatically connect via UHF technology.

Great Battery Life



High Quality
Metal Microphone Head



Professional
Microphone Core



2AA Batteries
last up to **6 hours**



Rechargeable Receiver



450mAh
Lithium Battery



USB Charging

Working time: **5 hours**

Image: Visual guide for inserting 2 AA batteries into each microphone and connecting the receiver to a USB power source for charging.

Support for Connecting More Devices



Street Stereo Speaker

Outdoor Speaker

Karaoke Speaker

Mixer

Laptop / PC

PA Speaker System

Easy to Use / Set

Plug to 1/4" (6.35mm) jack

Microphone / receiver will connect automatically though UHF technology



Image: Illustration demonstrating the connection of the receiver to an audio input jack, indicating compatibility with MIC inputs.

OPERATING INSTRUCTIONS

1. **Power On/Off:** Press and hold the power button on each microphone and the receiver to turn them on or off. The microphone display will illuminate when powered on.
2. **Channel Selection:** The system utilizes UHF technology with 100 selectable channels to minimize interference. If you experience interference, briefly press the power button on the microphone to cycle through available channels until a clear frequency is found. The receiver will automatically sync.
3. **Operating Range:** The system offers an operating range of over 200 feet (60m) in open areas and approximately 100 feet (30m) with obstacles. Maintain a clear line of sight between the microphones and the receiver for optimal performance.
4. **Battery Monitoring:** The microphone's display shows the current battery level. Replace AA batteries in the microphones when the indicator is low. Recharge the receiver when its battery indicator is low.

5. **Recommended Uses:** This system is suitable for various applications including gaming, karaoke, singing, speech, streaming, video conferencing, and video recording.



Extra Long Operating Distance

Over **200-feet (60m)** in open areas
or **100-feet (30m)** with obstacles



100 UHF
selectable channels



Image: Visual representation of the system's operating distance, showing over 200 feet in open areas and 100 feet with obstacles, along with 100 UHF selectable channels.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the microphones and receiver. Avoid using abrasive cleaners or solvents.
- **Battery Care:** Remove AA batteries from the microphones if they will not be used for an extended period to prevent leakage. Recharge the receiver's battery regularly to maintain its lifespan.
- **Storage:** Store the system in a cool, dry place away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

Problem	Possible Cause	Solution
---------	----------------	----------

Problem	Possible Cause	Solution
No sound from microphone	Microphone or receiver not powered on; low batteries; receiver not connected correctly; frequency interference.	Ensure all units are powered on. Replace/recharge batteries. Check receiver connection to audio input. Briefly press microphone power button to change frequency.
Interference or static	Other wireless devices operating on similar frequencies; distance too great; obstacles blocking signal.	Change microphone frequency. Reduce distance between microphone and receiver. Ensure clear line of sight. Turn off other wireless devices if possible.
Short operating range	Low batteries; environmental obstacles; strong interference.	Replace/recharge batteries. Minimize obstacles between units. Change frequency.
Microphone display not working	Low or dead batteries; microphone not powered on.	Replace AA batteries. Ensure microphone is powered on.

SPECIFICATIONS

Feature	Detail
Model Number	BMP-12
Brand	Blackmore Pro Audio
Connectivity Technology	UHF Wireless, XLR (receiver output)
Number of Channels	100 Selectable Channels
Operating Range	Over 200 ft (open area), 100 ft (with obstacles)
Microphone Power Source	2 x AA Batteries (per microphone)
Receiver Power Source	450mAh Lithium Battery (rechargeable via USB)
Receiver Working Time	Approximately 5 hours
Material	Steel (microphone body)
Color	Black
Item Weight	2.11 pounds (total package)
UPC	710645121342

SAFETY INFORMATION

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Please handle and dispose of batteries responsibly according to local regulations. Do not expose the product to water or excessive moisture. Avoid disassembling the unit, as this may void the warranty and pose safety risks.

WARRANTY AND SUPPORT

For detailed warranty information and customer support, please refer to the documentation included with your purchase or visit the official Blackmore Pro Audio website. Keep your proof of purchase for any warranty claims.

© 2023 Blackmore Pro Audio. All rights reserved.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question