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› Phoncoo BM-800 Dynamic Condenser Microphone User Manual

Phoncoo BM-800

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Model: BM-800

INTRODUCTION

Welcome to the user manual for your new Phoncoo BM-800 Dynamic Condenser Microphone. This microphone is designed for high-quality audio capture in various settings, including studio recording, KTV, and karaoke. It features a unidirectional polar pattern, a wide frequency response, and an XLR connector for professional use. Please read this manual thoroughly to ensure proper setup, operation, and maintenance of your device.

PACKAGE CONTENTS

Upon unboxing, please verify that all components are present:

- BM-800 Condenser Microphone
- Shock Mount
- Windproof Cap (Foam Pop Filter)
- XLR to 3.5mm Audio Cable
- User Manual (this document)



Image showing the BM-800 microphone, XLR cable, shock mount, and windproof foam cap, which are the typical contents of the product package.

SETUP

Follow these steps to set up your BM-800 microphone:

1. **Attach the Shock Mount:** Carefully screw the microphone into the shock mount. The shock mount helps to isolate the microphone from physical vibrations, floor noise, and stand noise.
2. **Mount to a Stand:** Secure the shock mount to a compatible microphone stand. Ensure it is stable and can support the microphone's weight.
3. **Connect the Cable:**

- Connect the XLR end of the provided cable to the XLR port at the base of the microphone.
 - Connect the 3.5mm jack end of the cable to your audio interface, mixer, or computer's microphone input. For optimal performance, a phantom power supply (48V) is recommended, as this is a condenser microphone.
4. **Install Windproof Cap:** Gently place the foam windproof cap over the microphone's grille. This helps to reduce plosive sounds (P, B, T) and wind noise.



The BM-800 microphone assembled with its shock mount and connected via an XLR cable, ready for use.



Detailed view of the XLR connector on the microphone and the 3.5mm jack for connecting to an audio device.

OPERATING INSTRUCTIONS

Once set up, follow these guidelines for optimal performance:

- **Positioning:** For best sound quality, position the microphone directly in front of the sound source. Due to its unidirectional (cardioid) polar pattern, it primarily picks up sound from the front, reducing unwanted noise from the sides and rear.
- **Gain Control:** Adjust the input gain on your audio interface or mixer to achieve a strong signal without clipping (distortion). Start with a lower gain setting and gradually increase it while monitoring your audio levels.
- **Phantom Power:** Ensure your audio interface or mixer provides 48V phantom power to the microphone. Condenser microphones require phantom power to operate.
- **Environment:** Use the microphone in a quiet environment to minimize background noise, especially for recording applications.



An individual using the BM-800 microphone in a recording setup, demonstrating typical usage.



The BM-800 microphone being used in a live performance or studio session, highlighting its versatility.

MAINTENANCE

Proper maintenance will extend the life of your microphone:

- **Cleaning:** Use a soft, dry cloth to wipe down the microphone body. Do not use liquid cleaners or solvents, as they can damage the internal components.
- **Storage:** When not in use, store the microphone in a dry, dust-free environment, preferably in its original packaging or a protective case.
- **Handling:** Avoid dropping the microphone or subjecting it to strong impacts, which can damage the sensitive internal capsule.
- **Cable Care:** Do not bend or crimp the audio cable excessively. Store it neatly coiled to prevent damage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No Sound Output	No phantom power (48V) Incorrect cable connection Input gain too low Faulty cable or port	Ensure 48V phantom power is enabled on your audio interface/mixer. Check all cable connections are secure and correct. Increase the input gain on your audio device. Try a different XLR cable or audio input port.
Low Volume / Weak Signal	Input gain too low Microphone too far from source Phantom power issue	Increase input gain. Move the microphone closer to the sound source. Verify phantom power is active and stable.
Distorted Sound	Input gain too high (clipping) Damaged microphone capsule	Decrease the input gain on your audio device. Contact customer support if distortion persists at appropriate gain levels.
Excessive Background Noise	Unsuitable recording environment Improper microphone positioning Ground loop hum	Record in a quieter room. Ensure the microphone is pointed directly at the sound source. Check for proper grounding of all audio equipment.

SPECIFICATIONS

Feature	Detail
Microphone Type	Condenser
Polar Pattern	Unidirectional (Cardioid)
Frequency Response	20 Hz - 20 KHz
Audio Sensitivity	32 dB
Connectivity Technology	XLR
Power Source	Corded Electric (Requires 48V Phantom Power)
Microphone Form Factor	Table Array (with Shock Mount)
Included Components	Microphone, Shock Mount, Windproof Cap, XLR to 3.5mm Cable, User Manual

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official Phoncoo website. Keep your purchase receipt as proof of purchase for warranty claims.

For further assistance, you may contact Phoncoo customer service through their official channels. Please have your

product model (BM-800) and purchase date ready when contacting support.

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