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› JBL PartyBox Mic 100 Wired Dynamic Vocal Microphone User Manual

**JBL JBLPBM100**

# JBL PartyBox Mic 100 Wired Dynamic Vocal Microphone User Manual

## 1. INTRODUCTION

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This manual provides essential information for the proper use and maintenance of your JBL PartyBox Mic 100 wired dynamic vocal microphone. Designed for vocal performance, this microphone is engineered to integrate seamlessly with JBL PartyBox speakers and other compatible audio systems.

Key features include:

- **JBL-Quality Performance:** Delivers clear vocal audio.
- **Easy to Use:** Simple plug-and-play functionality.
- **Cardioid Polar Pattern:** Focuses on vocal capture while minimizing ambient noise.
- **Premium Industrial Design:** Features a durable, stage-quality casing.
- **Wire Mesh Cap with Windscreen:** Reduces windblasts and background interference.



A detailed front view of the JBL PartyBox Mic 100, showcasing its sleek black design and robust wire mesh grille.

## 2. WHAT'S IN THE BOX

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Verify that all items listed below are included in your product packaging:

- 1x JBL PBM100 Wired Microphone

- 1x 6.35mm to 3.5mm adapter
- 1x Quick-start guide
- 1x Warranty sheet
- 1x Safety sheet



The JBL PartyBox Mic 100 microphone shown with its integrated 3-meter cable, ready for connection.

### 3. SETUP

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Follow these steps to set up your JBL PartyBox Mic 100:

1. **Connect the Microphone:** The JBL PBM100 features a 6.35mm jack connector. Plug this connector into the designated microphone input on your compatible audio device (e.g., JBL PartyBox speaker, audio mixer, karaoke machine, or PA system).
2. **Use the Adapter (if needed):** If your audio device has a 3.5mm microphone input, use the included 6.35mm to 3.5mm adapter to ensure compatibility.
3. **Power On Device:** Ensure your connected audio device is powered on and configured to accept microphone input.



The JBL PartyBox Mic 100 connected to the 6.35mm microphone input on the rear panel of a JBL PartyBox 310 speaker, demonstrating a typical setup.

## 4. OPERATING INSTRUCTIONS

The JBL PartyBox Mic 100 is designed for straightforward operation:

- **Power Button:** Locate the power button on the microphone handle. Press it to turn the microphone on or off.
- **Microphone Placement:** For optimal vocal capture, hold the microphone approximately 2-6 inches (5-15 cm) from your mouth.
- **Cardioid Polar Pattern:** The microphone features a cardioid polar pattern, meaning it is most sensitive to sound coming from the front and less sensitive to sounds from the sides and rear. This helps to isolate your voice and reduce feedback or background noise.

- **Windscreen Functionality:** The integrated wire mesh cap with windscreen helps to suppress plosive sounds (like 'p' and 'b') and reduce unwanted wind noise, ensuring clearer audio output.
- **Volume Control:** Adjust the microphone volume using the controls on your connected audio device (e.g., JBL PartyBox speaker, audio mixer).

## 5. MAINTENANCE

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Proper care will ensure the longevity and performance of your microphone:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the microphone. Do not use liquid cleaners or solvents, as these can damage the finish or internal components.
- **Grille Cleaning:** If the wire mesh grille becomes dirty, gently wipe it with a slightly damp cloth and allow it to dry completely before use. Avoid getting moisture inside the microphone.
- **Storage:** Store the microphone in a cool, dry place away from direct sunlight and extreme temperatures. Protect it from dust and physical impact.
- **Cable Care:** Avoid sharp bends or kinks in the microphone cable. Store the cable neatly coiled to prevent damage.

## 6. TROUBLESHOOTING

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If you encounter issues with your JBL PartyBox Mic 100, refer to the following common problems and solutions:

- **No Sound Output:**
  - Ensure the microphone is securely plugged into the correct input on your audio device.
  - Verify that the audio device is powered on and its microphone input is enabled and volume is turned up.
  - Check if the microphone's power button is in the 'on' position.
  - Test with another compatible audio input or device to rule out a device-specific issue.
- **Poor Sound Quality / Excessive Noise:**
  - **Handling Noise:** Minimize handling noise by holding the microphone firmly and avoiding excessive movement or rubbing on the microphone body.
  - **Feedback:** Reduce microphone gain or move further away from speakers to prevent feedback.
  - **Reverb/Effects:** If connected to a JBL PartyBox, check the JBL PartyBox app for advanced settings to adjust or disable unwanted effects like reverb.
  - **Cable Issues:** Inspect the microphone cable for any visible damage or loose connections.
- **Microphone Not Recognized:**
  - Confirm that you are using the correct input type (6.35mm or 3.5mm with adapter).
  - Ensure the connected device's firmware is up to date, if applicable.

## 7. SPECIFICATIONS

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| Feature                        | Detail   |
|--------------------------------|--|
| Brand                          | JBL  |
| Model Name                     | JBL PBM100 Microphone                                |
| Item Model Number              | JBLPBM100BLKAM                                       |
| Microphone Form Factor         | Handheld   |
| Polar Pattern                  | Unidirectional (Cardioid)                            |
| Connectivity Technology        | Wired  |
| Connector Type                 | 6.35 mm Jack   |
| Power Source                   | Corded Electric                                      |
| Impedance                      | 600 Ohm  |
| Frequency Response             | 50 Hz - 15 kHz (typical)                             |
| Signal-to-Noise Ratio          | 80 dB  |
| Item Weight                    | 110 Grams (3.88 ounces)                              |
| Product Dimensions (L x W x H) | 8.25 x 4.25 x 2.5 inches                             |
| Cable Length                   | 3 meters (approximate, based on product description) |
| Color                          | Black  |

## 8. WARRANTY AND SUPPORT

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JBL products are manufactured to high standards and undergo rigorous quality control. For detailed warranty information, please refer to the warranty sheet included in your product packaging. The warranty covers defects in materials and workmanship under normal use.

For further assistance, technical support, or to view the complete user manual in PDF format, please visit the official JBL support website or refer to the quick-start guide provided with your product.

You can also find additional information and support resources by visiting the [JBL Store on Amazon](#) or downloading the official user manual [here](#).