

Peavey PVi 100

Peavey PVi 100 Dynamic Cardioid Microphone Instruction Manual

1. PRODUCT OVERVIEW

The Peavey PVi 100 is a dynamic cardioid microphone designed for clear vocal reproduction. Its robust construction and cardioid polar pattern make it suitable for various sound reinforcement and recording applications, particularly for vocals.

This microphone features a steady tone coloration and a delicate high-frequency range, ensuring accurate sound capture. It includes a specially designed windscreen with a rubber ring to absorb impact and an integrated on/off switch for convenient control during performances or recording sessions.

Included Components:

- 1 x Peavey PVi 100 Dynamic Cardioid Microphone
- 1 x 6-meter XLR to XLR Cable
- 1 x Carrying Pouch
- 1 x Mic Clip
- 1 x Stand Adapter







Figure 1: Peavey PVi 100 Microphone and Included Accessories in Packaging.

2. SETUP GUIDE

2.1 Mounting the Microphone

1. Attach the provided mic clip to a standard microphone stand using the stand adapter.
2. Carefully insert the Peavey PVi 100 microphone into the mic clip, ensuring it is securely held.

2.2 Connecting the XLR Cable

1. Locate the XLR connector at the base of the microphone.
2. Connect one end of the supplied 6-meter XLR cable to the microphone's XLR port. Ensure the connection is firm and clicks into place.
3. Connect the other end of the XLR cable to the microphone input of your mixer, audio interface, or amplifier. Ensure the input is compatible with an XLR connection.



3. OPERATING INSTRUCTIONS

3.1 Powering On/Off

The Peavey PVi 100 microphone features an on/off switch located on its body. To activate the microphone, slide the switch to the 'ON' position. To deactivate, slide the switch to the 'OFF' position. Always ensure the microphone is in the 'OFF' position before connecting or disconnecting cables to prevent potential audio pops or damage to connected equipment.

3.2 Microphone Placement

For optimal vocal performance, position the microphone approximately 2-6 inches (5-15 cm) from the sound source. Experiment with distance and angle to achieve the desired sound quality and minimize plosive sounds (P, B) and sibilance (S, Sh). The cardioid polar pattern is most sensitive to sounds directly in front of the microphone and rejects sounds from the sides and rear, helping to reduce feedback in live sound environments.

4. MAINTENANCE

4.1 Cleaning

To clean the microphone, gently wipe the body with a soft, dry cloth. For the grille, use a soft brush to remove any debris. Do not use liquid cleaners or solvents, as these can damage the microphone's internal components or finish.

4.2 Storage

When not in use, store the microphone in its provided carrying pouch to protect it from dust, moisture, and physical damage. Avoid exposing the microphone to extreme temperatures or high humidity.

5. TROUBLESHOOTING

5.1 No Sound Output

- **Check Connections:** Ensure the XLR cable is securely connected to both the microphone and the input device.
- **On/Off Switch:** Verify that the microphone's on/off switch is in the 'ON' position.
- **Input Device Settings:** Confirm that the input channel on your mixer or audio interface is selected, the gain is appropriately set, and the volume is turned up.
- **Cable Integrity:** Test with a different XLR cable if available, as a faulty cable can prevent signal transmission.

5.2 Distorted or Poor Sound Quality

- **Gain Levels:** Adjust the gain (input level) on your mixer or audio interface. Too high a gain can cause distortion, while too low can result in a weak signal.
- **Microphone Placement:** Ensure the microphone is not too close to the sound source, which can cause proximity effect or clipping.
- **Environmental Factors:** Check for any sources of interference (e.g., cell phones, power cables) near the microphone or cable.
- **Damaged Grille:** Inspect the microphone grille for any dents or damage that might affect sound.

6. TECHNICAL SPECIFICATIONS

Feature	Specification
Microphone Type	Dynamic
Polar Pattern	Cardioid
Connector Type	XLR Connector
Item Weight	1 pound (0.45 kg)
Product Dimensions	10.5 x 3.8 x 8.5 inches (26.7 x 9.7 x 21.6 cm)
Material Type	Rubber (windscreen ring)
Color	Black
Compatible Devices	Amplifier, Mixer, Audio Interface
Power Source	Corded Electric (via XLR connection)

7. WARRANTY AND SUPPORT

For information regarding warranty coverage, service, or technical support for your Peavey PVi 100 microphone, please refer to the warranty card included with your product or visit the official Peavey website. You may also contact Peavey customer service directly for assistance.