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## Pyle PDMIC58

# Pyle PDMIC58 Dynamic Cardioid Microphone Instruction Manual

Model: PDMIC58 | Brand: Pyle

## INTRODUCTION

The Pyle PDMIC58 is a professional dynamic cardioid microphone designed for clear and reliable audio capture. Its unidirectional pickup pattern minimizes background noise, making it suitable for both stage performances and studio recordings. Constructed with durable materials, it features a built-in pop filter for enhanced sound quality. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your PDMIC58 microphone.

## WHAT'S IN THE BOX

- Pyle Pro PDMIC58 Professional Moving Coil Dynamic Handheld Microphone
- 15' (5.5mm) Microphone Cable (XLR to 1/4" Audio Connection)
- Limited 1-Year Warranty Information



## WHAT'S IN THE BOX



Image: The Pyle PDMIC58 microphone and its included 15-foot XLR to 1/4" audio cable.

### PRODUCT OVERVIEW AND FEATURES

The PDMIC58 microphone is engineered for clarity and durability, incorporating several key features:

- **Dynamic Mic Element:** Ensures robust sound reproduction.
- **Uni-Directional Cardioid Pickup Pattern:** Focuses on sound directly in front of the microphone, reducing unwanted background noise and feedback.
- **Rugged All-Metal Construction:** Features a zinc die-cast case and steel mesh windscreen for long-lasting performance.
- **Built-in Pop Filter:** An integrated acoustic pop filter and windscreen minimize breath and 'pop' noises for clear vocals.
- **High Signal Output:** Delivers strong, clear audio with high gain before feedback.
- **Ultra-Wide Frequency Response:** Captures a broad range of frequencies for detailed sound.



Unidirectional  
Moving Coil



Built-in  
Acoustic Pop Filter



Ultra-Wide  
Frequency Response



High  
Signal Output



Image: Key features of the PDMIC58, highlighting its unidirectional pickup, pop filter, wide frequency response, and high output.



Image: The microphone's robust metal construction ensures durability.

## SETUP

1. **Unpack:** Carefully remove the PDMIC58 microphone and its accessories from the packaging.
2. **Connect the Cable:** Attach the XLR end of the provided 15-foot cable to the microphone's base. Ensure a secure connection.
3. **Connect to Audio System:** Plug the 1/4" (6.35mm) end of the cable into your compatible audio device, such as an amplifier, audio mixer, PA system, or speaker.
4. **Power On:** Locate the ON/OFF switch on the microphone body and slide it to the 'ON' position.
5. **Adjust Volume:** Turn on your audio system and gradually increase the volume to a comfortable listening level.



Image: The PDMIC58 microphone can be connected to various audio systems including amplifiers, powered speakers, home theater setups, DVD players, and audio mixers.

## OPERATING INSTRUCTIONS

- **Optimal Placement:** For best sound quality and to utilize the cardioid pattern effectively, speak directly into

the top of the microphone, keeping it within a few inches of your mouth.

- **On/Off Switch:** Use the convenient ON/OFF switch on the microphone body to quickly mute or activate the microphone as needed.
- **Feedback Prevention:** Position speakers in front of the microphone, not behind it, to prevent audio feedback.
- **Volume Control:** Adjust the input gain on your connected audio system to achieve the desired volume without distortion.



Image: The PDMIC58 is ideal for capturing vocals during performances.

## MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the microphone body. For the mesh grille, a soft brush can be used to gently remove dust or debris. Avoid using liquid cleaners directly on the microphone.
- **Storage:** When not in use, store the microphone in a dry, cool place away from direct sunlight and extreme temperatures. It is recommended to store it in its original packaging or a protective case to prevent damage.
- **Cable Care:** Avoid kinking or sharply bending the microphone cable. Coil it loosely when storing to prevent

internal wire damage.

## TROUBLESHOOTING

- **No Sound:**

- Ensure the microphone's ON/OFF switch is in the 'ON' position.
- Check all cable connections to ensure they are secure at both the microphone and the audio system.
- Verify that the audio system is powered on and its volume/gain controls are appropriately set.
- Test with a different cable or audio input if possible to rule out faulty components.

- **Distorted Sound:**

- Reduce the input gain or volume on your audio system.
- Ensure you are not speaking too loudly or too close to the microphone, which can cause clipping.

- **Feedback (High-pitched squeal):**

- Move the microphone further away from speakers.
- Point the microphone away from speakers.
- Reduce the overall volume or specific frequency bands on your audio system's equalizer.

## SPECIFICATIONS

Feature	Specification
Microphone Type	Dynamic
Polar Pattern	Unidirectional (Cardioid)
Body Material	Zinc Alloy
Frequency Response	50Hz-15KHz
Impedance	600 Ohm
Sensitivity	-54dB
Dimensions (Diameter x Length)	Φ1.96" x 6.41"
Item Weight	1.48 lbs (approx. 16 ounces)
Cable Length	15 ft (5.5mm)
Connector Type	XLR to 1/4" Audio Connection

## WARRANTY AND SUPPORT

The Pyle PDMIC58 microphone comes with a Limited 1-Year Warranty. For warranty claims, technical support, or any product-related inquiries, please refer to the contact information provided in your product packaging or visit the official Pyle website. Keep your proof of purchase for warranty validation.

