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### Pyle PDMICKT34

# Pyle 3-Piece Professional Dynamic Microphone Kit User Manual

Model: PDMICKT34

## 1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your Pyle 3-Piece Professional Dynamic Microphone Kit (Model PDMICKT34). This kit is designed for reliable studio and stage performance, offering high-quality audio capture for vocals and amplified instruments.

The kit includes three handheld dynamic microphones, three XLR audio cables, a hard carry case, microphone holders/clips, and an On-Stage foam ball-type microphone windscreen.



Figure 1: Complete Pyle 3-Piece Professional Dynamic Microphone Kit, including three microphones, cables, carry case, and a foam windscreen.

## 2. PRODUCT COMPONENTS

The PDMICKT34 kit includes the following items:

- **Three (3) Pyle Handheld Dynamic Microphones:** Each microphone features a unidirectional moving coil element and an ON/OFF switch.
- **Three (3) XLR to 1/4" Audio Cables:** Each cable is approximately 26 feet long, designed for connecting the microphones to audio equipment.
- **Three (3) Microphone Holders/Clips:** For mounting the microphones on stands.
- **One (1) Hard Carry Case:** Provides secure storage and transport for the microphones and accessories.
- **One (1) On-Stage Foam Ball-Type Microphone Windscreen (Black):** Reduces wind interference and plosive sounds.
- **One (1) Warranty Card:** Contains information regarding product warranty.

### 3. SETUP INSTRUCTIONS

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1. **Unpack Components:** Carefully remove all items from the hard carry case.
2. **Attach Microphone Holder:** If using a microphone stand, screw the microphone holder/clip onto the stand's threaded top.
3. **Insert Microphone:** Gently insert one of the Pyle dynamic microphones into the microphone holder/clip. Ensure it is securely seated.
4. **Connect XLR Cable:**
  - Connect the XLR end of the audio cable to the XLR port at the base of the microphone. Ensure it clicks into place.
  - Connect the 1/4" (6.35mm) end of the audio cable to the microphone input on your mixer, amplifier, or audio interface.
5. **Apply Windscreen (Optional):**

For improved sound clarity and protection against plosives (e.g., 'p' and 'b' sounds) and wind noise, gently slide the foam windscreen over the microphone's grill. Ensure it covers the entire mesh area.



Figure 2: The included foam ball-type microphone windscreen, shown from top and angled views.

### 4. OPERATING INSTRUCTIONS

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The Pyle dynamic microphones are designed for straightforward operation.

- **Powering On/Off:** Each microphone is equipped with an ON/OFF slide switch located on the microphone body.
  - Slide the switch to the "ON" position to activate the microphone.
  - Slide the switch to the "OFF" position to deactivate the microphone. It is recommended to turn off the microphone when not in use or when connecting/disconnecting cables to prevent pops or damage to connected equipment.



Figure 3: Detail of the ON/OFF switch on the microphone body, allowing for quick stage control.

- **Microphone Placement:**

These microphones feature a unidirectional (cardioid) pickup pattern. This means they are most sensitive to sound coming from directly in front of the microphone and least sensitive to sounds from the sides and rear. This design helps to minimize background noise and feedback, making them ideal for vocal performances and recording amplified instruments.

  - For vocals, position the microphone directly in front of the speaker's mouth.
  - For instruments, aim the microphone directly at the sound source (e.g., guitar amplifier speaker, drum head).
- **Gain Control:** Adjust the gain (input level) on your mixer or audio interface to achieve a strong signal without clipping or distortion. Start with the gain low and gradually increase it while speaking or singing into the microphone.



## 5. MAINTENANCE

Proper care and maintenance will extend the lifespan of your microphone kit.

- **Cleaning Microphones:**
  - Wipe the microphone body with a soft, dry cloth.
  - For the mesh grill, use a soft brush (like a clean toothbrush) to gently remove any debris. Do not use liquid cleaners directly on the grill or internal components.
- **Cable Care:**
  - Always grasp the connector, not the cable, when plugging or unplugging.
  - Coil cables neatly after use to prevent tangling and damage. Avoid sharp bends or kinks.
- **Windscreen Care:**
  - The foam windscreen can be gently hand-washed with mild soap and water if it becomes dirty. Rinse thoroughly and allow it to air dry completely before re-using.
- **Storage:**
  - Store all components in the provided hard carry case when not in use to protect them from dust, moisture, and physical damage.

## 6. TROUBLESHOOTING

If you encounter issues with your microphone kit, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No Sound Output	Microphone ON/OFF switch is in "OFF" position. Cable not properly connected. Mixer/amplifier input gain too low or muted. Faulty cable or input.	Slide switch to "ON". Ensure XLR and 1/4" connections are secure. Increase gain on mixer/amplifier; check mute settings. Test with a different cable or input.
Distorted Sound	Input gain too high (clipping). Microphone too close to sound source.	Reduce input gain on mixer/amplifier. Increase distance between microphone and sound source.
Feedback (High-pitched squeal)	Microphone too close to speakers. Microphone pointed directly at speakers. Excessive gain.	Increase distance from speakers. Reposition microphone; utilize unidirectional pattern by pointing away from speakers. Reduce gain.

## 7. TECHNICAL SPECIFICATIONS

Detailed specifications for the Pyle Dynamic Microphones (PDMICKT34):

- **Mic Element:** Hyper-Cardioid
- **Pickup Pattern:** Unidirectional Moving Coil
- **Mic Construction Material:** Zinc Alloy

- **Audio Cable Connectors:** XLR to 1/4"
- **XLR Cable Length:** 26'+ Ft.
- **Open Circuit Sensitivity:** -54 dB
- **Frequency Response:** 60Hz-15kHz
- **Output Impedance:** 600 Ohm, +/-3dB (0dB=1V/Pa @ 1kHz)
- **Mic Dimensions (L x W):** 6.7" x 1.8" (Each)
- **Mic Weight:** 0.61 lbs. (Each)



Figure 4: Dimensional overview of a single Pyle microphone and the included XLR to 1/4" audio cable.

## 8. WARRANTY AND SUPPORT

Pyle stands behind the quality of its products.

- **Limited 1-Year Manufacturer Warranty:** This product is covered by a limited 1-year manufacturer warranty from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

- **30-Day Satisfaction Guarantee:** If this item fails to meet your expectations, it may be returned for a full refund within the first 30 days of purchase.
- **Customer Support:** For warranty claims, technical assistance, or any questions regarding your Pyle product, please refer to the contact information provided on the warranty card included in your kit or visit the official Pyle website for support details.

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## Related Documents - PDMICKT34

	<p><a href="#">PYLE PDMICKT34 Dynamic Microphone Kit User Guide</a></p> <p>User guide for the PYLE PDMICKT34 Dynamic Microphone Kit, detailing features, technical specifications, connection instructions, usage guidelines, and cautions for optimal performance and maintenance.</p>
	<p><a href="#">Pyle Dynamic Microphone Kit User Guide</a></p> <p>User guide for the Pyle Dynamic Microphone Kit, featuring three handheld microphones, XLR cables, built-in pop filters, and detailed technical specifications for optimal stage and studio performance.</p>
	<p><a href="#">Pyle PDMICKT34 Wired Microphone Kit - Features, Specs, and Usage Guide</a></p> <p>Detailed information on the Pyle PDMICKT34 Wired Microphone Kit, including its features, technical specifications, usage instructions, and important cautions for optimal performance and longevity.</p>
	<p><a href="#">Pyle PDMIK1 Handheld Dynamic Microphone User Guide</a></p> <p>Comprehensive user guide for the Pyle PDMIK1 handheld dynamic microphone. Learn about its features, technical specifications, setup, usage, cleaning, maintenance, storage, and safety tips for optimal performance in live and studio environments.</p>
	<p><a href="#">Pyle UHF Wireless Microphone Systems User Manual</a></p> <p>User manual for Pyle UHF Wireless Microphone Systems, detailing features, specifications, and operation for models like PDWMU211, PDWMU103, PDWMU112, PDWMU114, and PDWMU214. Includes setup, troubleshooting, and product details.</p>



### [Pyle PDWM2232 Wireless UHF Mic System User Guide](#)

User guide for the Pyle PDWM2232 Wireless UHF Dual Channel Microphone System, detailing system features, handheld microphone parts and operation, receiver operation, and specifications. Includes safety precautions and contact information.