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Midland C074

Midland MDL 4190 Dynamic Microphone for CB Radio

Model: C074 | Brand: Midland

INTRODUCTION

This instruction manual provides detailed information for the proper setup, operation, and maintenance of your Midland MDL 4190 Dynamic Microphone. This microphone is designed for use with compatible CB radios, offering clear audio transmission and reliable performance. Please read this manual thoroughly before using the product to ensure optimal functionality and safety.

PRODUCT OVERVIEW

Features

- **Type:** Radio microphone
- **Connectivity:** Wired
- **Impedance:** 4 Ohm
- **Connector:** 4-pin
- **Color:** Black
- **Special Feature:** Integrated microphone
- **Compatible Devices:** CB Radios such as Alan 48, Alan 68S, 8001XT

Package Contents

- Midland MDL 4190 Dynamic Microphone (Model C074)



Image 1: Midland MDL 4190 Dynamic Microphone. This image shows the Midland MDL 4190 Dynamic Microphone. It features a black rectangular body with a push-to-talk button, a coiled cable, and a 4-pin connector for attachment to compatible CB radios.

SETUP

1. **Identify the Microphone Port:** Locate the 4-pin microphone input port on your compatible CB radio. Refer to your CB radio's manual if you are unsure of its location.
2. **Connect the Microphone:** Align the 4-pin connector of the Midland MDL 4190 microphone with the microphone port on your CB radio. Gently push the connector in until it is fully seated. Ensure a secure connection.
3. **Secure the Connection (if applicable):** Some CB radio microphone ports may have a locking ring or screw mechanism. If present, tighten this mechanism to prevent accidental disconnection.
4. **Position the Microphone:** Place the microphone in a convenient location within reach, typically using a microphone hanger (not included) or by resting it securely.



Image 2: Rear view of the Midland MDL 4190 Dynamic Microphone. This view highlights the coiled cable's entry point into the microphone body and the product label, which includes the model number.

OPERATING INSTRUCTIONS

1. **Power On Your CB Radio:** Ensure your CB radio is powered on and set to the desired channel.
2. **Adjust Volume:** Adjust the volume control on your CB radio to a comfortable listening level.
3. **Transmit (Push-to-Talk - PTT):** To transmit your voice, press and hold the Push-to-Talk (PTT) button located on the side of the microphone. Speak clearly into the microphone, holding it approximately 2-5 cm (1-2 inches) from your mouth.
4. **Release PTT:** Release the PTT button when you have finished speaking to return to receive mode.
5. **Monitor Audio:** Listen for incoming transmissions through your CB radio's speaker.

Important: Avoid shouting into the microphone or holding it too close, as this can cause distorted audio for the receiving party. Similarly, holding it too far away may result in low or unclear audio.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the microphone. Do not use liquid cleaners, solvents, or abrasive materials, as these can damage the finish or internal components.
- **Storage:** When not in use, store the microphone in a dry, cool place, away from direct sunlight and extreme temperatures. Avoid tangling the coiled cable.
- **Cable Inspection:** Periodically inspect the microphone cable for any signs of wear, cuts, or damage. If damage is observed, discontinue use and contact customer support.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No audio transmission	<ul style="list-style-type: none"> Microphone not properly connected. CB radio not powered on. Faulty microphone cable. 	<ul style="list-style-type: none"> Ensure the 4-pin connector is fully seated and secured. Verify the CB radio is powered on. Test with another known-good microphone if available. Contact support if the cable is damaged.
Distorted or unclear audio	<ul style="list-style-type: none"> Microphone too close or too far from mouth. CB radio audio settings incorrect. Interference. 	<ul style="list-style-type: none"> Maintain a distance of 2-5 cm (1-2 inches) from your mouth. Adjust the microphone gain or audio settings on your CB radio. Check for sources of electrical interference.
Intermittent connection	<ul style="list-style-type: none"> Loose connector. Damaged cable or connector pins. 	<ul style="list-style-type: none"> Ensure the connector is firmly seated and secured. Inspect the cable and pins for damage. If damaged, contact support.

SPECIFICATIONS

Model Number	C074
Type	Radio microphone
Connectivity Technology	Wired
Microphone Input Impedance	4 Ohm
Color	Black
Special Features	With microphone
Compatible Devices	CB Radios (e.g., Alan 48, Alan 68S, 8001XT)
Country of Origin	China

WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries regarding your Midland MDL 4190 Dynamic Microphone, please refer to the warranty card included with your purchase or visit the official Midland website. Contact details for customer support can typically be found on the manufacturer's website.

