



[Manuals.plus](#) /

› [RoadKing](#) /

› RoadKing RK56B 4-Pin Dynamic Noise Canceling CB Microphone User Manual

RoadKing RK56B

RoadKing RK56B 4-Pin Dynamic Noise Canceling CB Microphone User Manual

1. INTRODUCTION

This manual provides essential information for the proper setup, operation, and maintenance of your RoadKing RK56B 4-Pin Dynamic Noise Canceling CB Microphone. Please read these instructions carefully to ensure optimal performance and longevity of your device. Retain this manual for future reference.

2. PRODUCT OVERVIEW

The RoadKing RK56B is a dynamic noise-canceling microphone designed for use with compatible CB radio systems. It features a durable black cyclolac case and a flexible cord, engineered to provide clear audio transmission by reducing background noise.



This image displays the RoadKing RK56B microphone. It features a black, ergonomic design with a prominent mesh grille for the microphone element. A gold oval label with 'ROAD KING RK56' is visible on the front. A flexible black cord extends from the base.

3. FEATURES

- **Dynamic Noise Canceling:** Reduces ambient background noise for clearer voice transmission.
- **4-Pin Connector:** Compatible with a wide range of CB radio models.
- **Durable Construction:** Features a black cyclolac case for robust use.
- **Flexible Cord:** Provides ease of movement and durability.
- **Momentary Slide Switch:** A 2-position switch with normally open contacts for push-to-talk functionality.

4. SETUP

1. **Identify Connector Port:** Locate the 4-pin microphone input port on your CB radio. This port is typically circular and may be labeled 'MIC' or 'Microphone'.
2. **Connect Microphone:** Align the 4-pin connector of the RK56B microphone with the radio's input port. Gently push the connector in until it is firmly seated. Ensure the connection is secure to prevent intermittent audio.
3. **Secure Connection (if applicable):** Some CB radios may have a threaded collar around the microphone port. If present, screw this collar clockwise to further secure the microphone connector.
4. **Initial Radio Check:** With your CB radio powered on, perform a radio check to confirm proper microphone function. Refer to your CB radio's manual for specific radio check procedures.

5. OPERATING INSTRUCTIONS

The RoadKing RK56B microphone is designed for straightforward operation with your CB radio.

- **Push-to-Talk (PTT):** To transmit your voice, press and hold the momentary slide switch located on the side of the microphone. Speak clearly into the microphone.
- **Release to Listen:** Release the slide switch to stop transmitting and return your CB radio to receive mode, allowing you to hear incoming transmissions.
- **Optimal Speaking Distance:** For best noise-canceling performance and audio clarity, hold the microphone approximately 1 to 2 inches (2.5 to 5 cm) from your mouth while speaking.

6. MAINTENANCE

Proper care will help maintain the performance and appearance of your microphone.

- **Cleaning:** Wipe the exterior of the microphone with a soft, dry, or slightly damp cloth. Avoid using harsh chemicals, solvents, or abrasive cleaners, as these can damage the finish or internal components.
- **Storage:** When not in use, store the microphone in a clean, dry environment, away from extreme temperatures and direct sunlight. Avoid tangling the cord.
- **Cord Care:** Do not pull on the cord to disconnect the microphone. Always grasp the connector itself. Regularly inspect the cord for any signs of damage or fraying.

7. TROUBLESHOOTING

If you experience issues with your RoadKing RK56B microphone, consider the following common troubleshooting steps:

- **No Audio Transmission:**
 - Ensure the microphone's 4-pin connector is fully and securely plugged into the CB radio's

microphone port.

- Verify that the CB radio is powered on and functioning correctly.
- Confirm that the push-to-talk switch is being pressed firmly during transmission.

- **Distorted or Unclear Audio:**

- Check the microphone connection for looseness.
- Adjust the microphone gain (if your CB radio has this feature) according to your radio's manual.
- Ensure you are speaking at an optimal distance (1-2 inches) from the microphone.
- Inspect the microphone cord for any visible damage.

- **Excessive Background Noise:**

- While the RK56B is noise-canceling, extreme background noise may still be picked up. Try to reduce ambient noise in your environment.
- Ensure the microphone is positioned correctly and not obstructed.

If these steps do not resolve the issue, consult your CB radio's user manual or contact RoadKing customer support.

8. SPECIFICATIONS

Model:	RK56B
Microphone Form Factor:	Handheld
Connector Type:	4-Pin
Polar Pattern:	Unidirectional
Frequency Response:	100Hz-8kHz
Output Level at 1kHz Open Circuit:	-72dB (ret. 0dB=1V/Ohm Bar)
Power Level:	-55dB (ret 0dB=1Mw/10 Ohm Bar)
Output Impedance:	2000 Ohms (Matches 600-5000 Ohm Inputs)
Signal-to-Noise Ratio:	72 dB
Material:	Cyclac Plastic
Color:	Black
Dimensions (L x W x H):	6.3 x 4.1 x 2.6 inches
Item Weight:	8.8 ounces
Special Features:	Integrated Stand (for resting)
Compatible Devices:	Compatible CB Radios with 4-pin input

9. WARRANTY AND SUPPORT

For warranty information or technical support regarding your RoadKing RK56B microphone, please refer to

the documentation included with your purchase or visit the official RoadKing website. Contact details for customer service are typically available on the manufacturer's website.