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› RØDE X XCM-50 Professional USB Condenser Microphone User Manual

Rode XCM-50

RØDE X XCM-50 Professional USB Condenser Microphone User Manual

Model: XCM-50

INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, maintenance, and troubleshooting of your RØDE X XCM-50 Professional USB Condenser Microphone. Designed for streamers and gamers, the XCM-50 delivers high-quality audio capture and integrates with the UNIFY virtual mixing software for an enhanced audio experience. Please read this manual thoroughly to ensure optimal performance and longevity of your device.



Figure 1: RØDE X XCM-50 Professional USB Condenser Microphone

WHAT'S INCLUDED

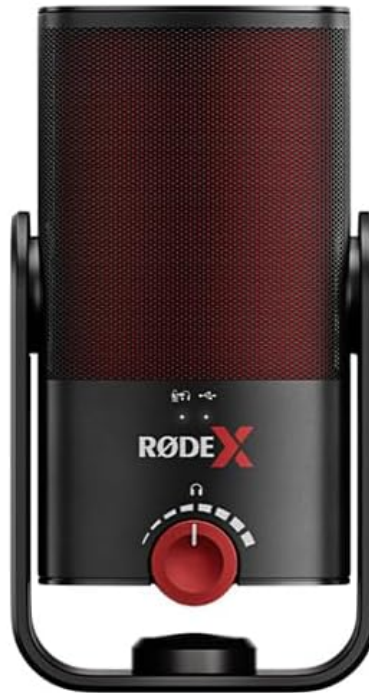
Verify that all the following components are present in your RØDE X XCM-50 package:

- XCM50 microphone
- Tripod 2
- 5/8" – 3/8" threaded adaptor
- 3m Headphone Extension cable
- 3m USB-C to USB-C cable

WHAT'S IN THE BOX



USB-C Cable



XCM-50



Tripod



5/8" - 3/8"
Thread Adaptor



Headphone Cable



UNIFY
Download

Figure 2: Package Contents

SETUP GUIDE

1. Physical Connection

1. Connect the supplied 3m USB-C to USB-C cable from the USB-C port on the back of the XCM-50 microphone to an available USB port on your computer.
2. For zero-latency monitoring, plug your headphones into the 3.5mm headphone jack located on the back of the microphone. Use the 3m Headphone Extension cable if needed.



Figure 3: Connecting the Microphone

2. Mounting Options

The XCM-50 features an integrated 360-degree swing mount for flexible positioning and comes with a desktop tripod.

- **Desktop Tripod:** Attach the microphone to the included Tripod 2 for stable desktop use. Adjust the tripod legs for desired height and angle.
- **Boom Arm:** For professional setups, the microphone can be mounted on a standard boom arm using the 5/8" – 3/8" threaded adaptor. The 360-degree swing mount allows precise microphone orientation.



Figure 4: 360-Degree Swing Mount



Figure 5: Microphone on Desktop Tripod

3. Software Installation (UNIFY)

The RØDE X XCM-50 is designed to work seamlessly with the UNIFY virtual mixing software, which unlocks advanced features and customization. Download and install UNIFY from the official Rode website to access its full capabilities.

STREAM SEAMLESSLY WITH

UNIFY



Figure 6: UNIFY Virtual Mixing Software

OPERATION

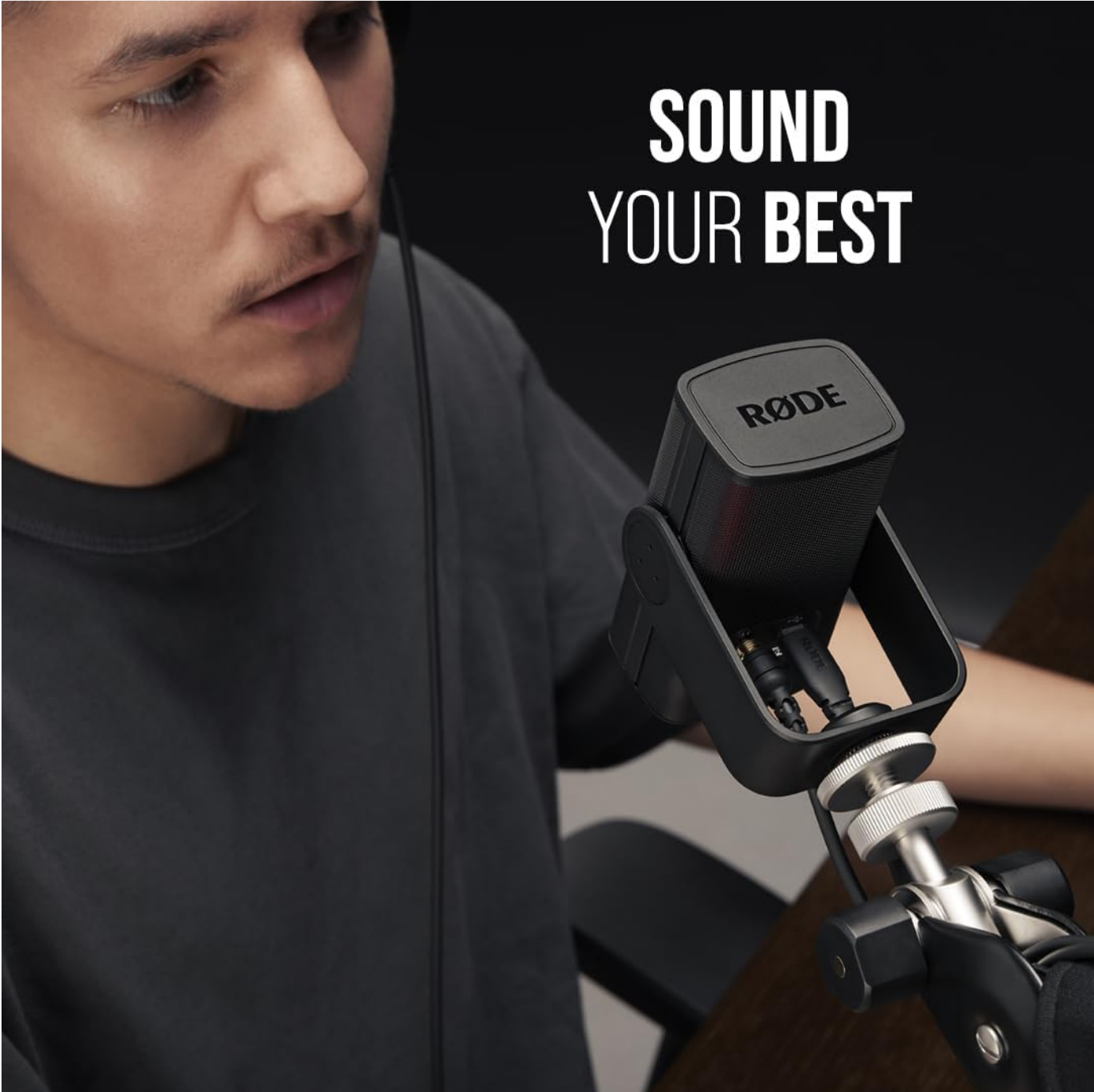
1. Basic Microphone Use

The XCM-50 features a highly detailed sound signature and a tight cardioid polar pattern. For optimal sound quality and to minimize background noise, position the microphone directly in front of you, approximately 6-12 inches (15-30 cm) from your mouth.

PREMIUM CONDENSER CAPSULE



Figure 7: Optimal Microphone Positioning

A close-up photograph of a man with a mustache, wearing a dark grey t-shirt, looking down at a RØDE XCM-50 microphone. The microphone is a black, rectangular, premium condenser capsule mounted on a silver boom arm. The RØDE logo is visible on the top of the microphone. The background is dark and out of focus.

SOUND YOUR BEST

Figure 8: Premium Condenser Capsule

2. Zero-Latency Headphone Monitoring

The XCM-50 includes a zero-latency headphone output, allowing you to hear your audio directly from the microphone without any delay. This is crucial for monitoring your voice during streaming or recording. Use the dedicated volume control knob on the microphone to adjust your headphone listening level.



Figure 9: Headphone Output and Volume Control

3. UNIFY Software Features

The UNIFY virtual mixing software provides a comprehensive solution for managing all your audio sources. Key features include:

- **Virtual Mixing:** Control microphone, game, chat, and system audio levels independently.
- **APHEX Voice Processing:** Enhance your voice with professional-grade audio processing.
- **Voice FX:** Apply creative effects like reverb, delay, pitch-shifting, and robot voices for entertainment.

CARE AND MAINTENANCE

To ensure the longevity and optimal performance of your RØDE X XCM-50 microphone, follow these guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the microphone's exterior. Avoid using liquid cleaners or solvents.
- **Storage:** Store the microphone in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Handle the microphone with care to prevent drops or impacts, which can damage internal components.

TROUBLESHOOTING

If you encounter issues with your RØDE X XCM-50, try the following steps:

- **No Sound Output:**
 - Ensure the USB-C cable is securely connected to both the microphone and your computer.
 - Check your computer's sound settings to confirm the XCM-50 is selected as the input and output device.
 - Verify that the headphone volume knob on the microphone is turned up.
- **Poor Audio Quality:**
 - Ensure the microphone is positioned correctly (6-12 inches from your mouth).
 - Check for background noise in your environment. The cardioid pattern helps, but cannot eliminate all noise.
 - Update your UNIFY software and microphone firmware to the latest versions.
- **UNIFY Software Not Detecting Microphone:**
 - Restart your computer and the UNIFY software.
 - Ensure your operating system recognizes the microphone as a USB audio device.
 - Reinstall the UNIFY software if the issue persists.

TECHNICAL SPECIFICATIONS

Feature	Specification
Model Name	RØDE XCM-50
Microphone Form Factor	Mini
Polar Pattern	Unidirectional (Cardioid)
Connectivity Technology	USB
Connector Type	USB-C
Audio Sensitivity	10 Decibels
Frequency Response	24000 Hz
Signal-to-Noise Ratio	78 dB
Item Weight	1.08 pounds (492 Grams)
Product Dimensions (L x W x H)	3.52 x 19.49 x 4.72 inches
Power Source	Corded Electric (USB)

WARRANTY INFORMATION

Rode products typically come with a manufacturer's warranty. For specific warranty terms, conditions, and registration details for your RØDE X XCM-50 microphone, please refer to the official Rode website or the warranty documentation included with your purchase.

CUSTOMER SUPPORT

For further assistance, technical support, or to download the latest UNIFY software and firmware updates, please visit the official Rode support website:

[Rode Official Store and Support](#)

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question