

Rode NT1 Signature Series

RØDE NT1 Signature Series Large-Diaphragm Condenser Microphone Instruction Manual

Comprehensive instruction manual for the RØDE NT1 Signature Series Large-Diaphragm Condenser Microphone, covering setup, operation, maintenance, troubleshooting, and specifications for music production, vocal recording, streaming, and podcasting.

INTRODUCTION

The RØDE NT1 Signature Series is a large-diaphragm condenser microphone designed for a wide range of audio applications. It features RØDE's HF6 1-inch true condenser capsule, delivering rich bass, detailed midrange, and sparkling top end with a smooth frequency response. Its exceptionally low noise (4dBA) makes it one of the quietest studio condenser microphones available, suitable for vocal and instrument recording, voiceovers, podcasting, streaming, and content creation. This manual provides essential information for setting up, operating, and maintaining your NT1 Signature Series microphone.



Image: The RØDE NT1 Signature Series microphone, shown in black, mounted on a shock mount with an attached pop filter. This image highlights the complete setup for recording.

WHAT'S IN THE BOX

Your RØDE NT1 Signature Series package includes the following components:

- 1 x NT1 Signature Series Microphone (Black)
- 1 x SM6 Shock Mount
- 1 x Premium XLR Cable (6m)
- 1 x Dust Cover

WHAT'S IN THE BOX



Image: A top-down view of all included accessories: the NT1 microphone, SM6 shock mount, XLR cable, and a dust cover.

SETUP

1. **Attach the Shock Mount:** Secure the SM6 shock mount to your microphone stand. The shock mount is designed to isolate the microphone from physical vibrations, floor noise, and stand rumble.

2. **Insert the Microphone:** Carefully place the NT1 Signature Series microphone into the SM6 shock mount. Ensure it is securely held by the elastic bands.
3. **Attach the Pop Filter:** The SM6 shock mount includes an integrated pop filter. Position the pop filter directly in front of the microphone capsule to reduce plosive sounds (e.g., 'p' and 'b' sounds) during vocal recordings.
4. **Connect the XLR Cable:** Use the provided premium XLR cable to connect the microphone to an audio interface or mixer. The NT1 requires 48V phantom power, which must be supplied by your audio interface or mixer.
5. **Connect to Audio Interface:** Connect the other end of the XLR cable to an available XLR input on your audio interface. Ensure your audio interface is connected to your computer or recording device.

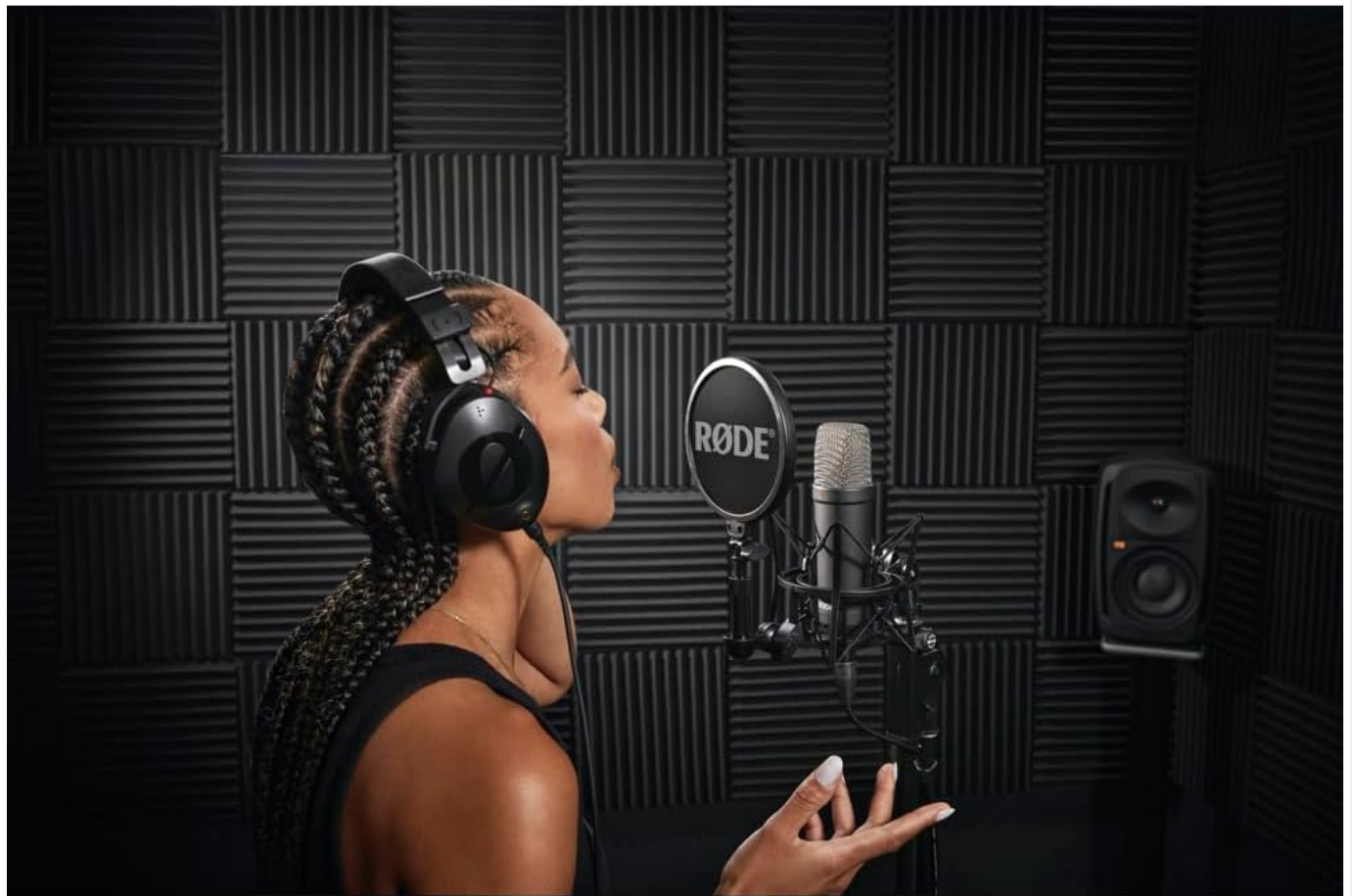


Image: The RØDE NT1 microphone securely placed within its shock mount, with the pop filter positioned in front of the capsule, ready for use.



Image: The RØDE NT1 microphone setup on a desk, connected via XLR to an audio interface, demonstrating a typical recording environment.

OPERATING

The NT1 Signature Series is a versatile microphone suitable for various recording scenarios. Follow these guidelines for optimal performance:

- **Vocal Recording:** Position the microphone approximately 6-12 inches (15-30 cm) from the vocalist, with the pop filter in between. Experiment with distance and angle to find the sweet spot that best captures the vocal performance while minimizing plosives.
- **Instrument Recording:** For acoustic instruments like guitars, position the microphone to capture the desired blend of body and string sound. For louder sources, the NT1's high SPL handling ensures clear recordings without distortion.
- **Podcasting & Streaming:** Place the microphone directly in front of you, ensuring the RØDE logo faces you. Maintain a consistent distance for clear and consistent audio. The low self-noise is ideal for capturing spoken word with clarity.

- **Phantom Power:** Always ensure your audio interface or mixer is providing 48V phantom power to the microphone for it to operate.
- **Gain Staging:** Adjust the gain on your audio interface to achieve a healthy signal level without clipping. The NT1's high sensitivity allows for lower gain settings, contributing to its ultra-low noise performance.



Image: A vocalist wearing headphones, singing into the RØDE NT1 microphone in a sound-treated studio environment, illustrating vocal recording setup.

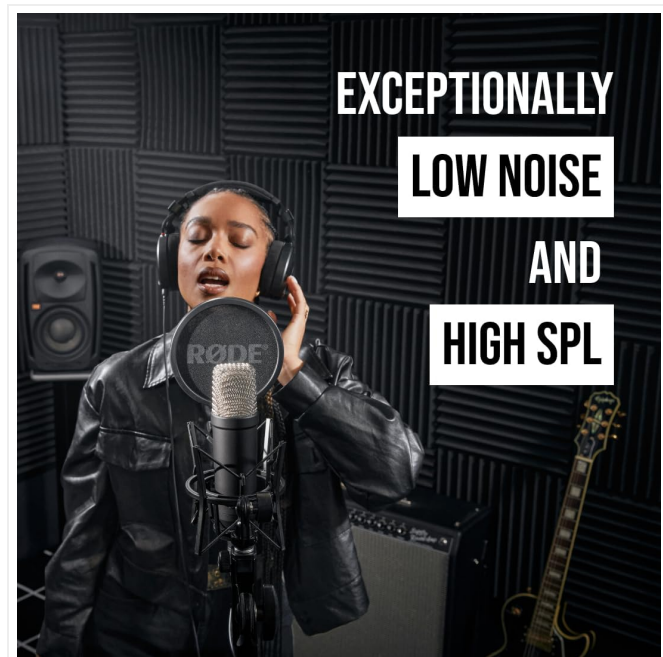


Image: A musician playing an acoustic guitar and singing into the RØDE NT1 microphone, demonstrating instrument and vocal recording simultaneously.

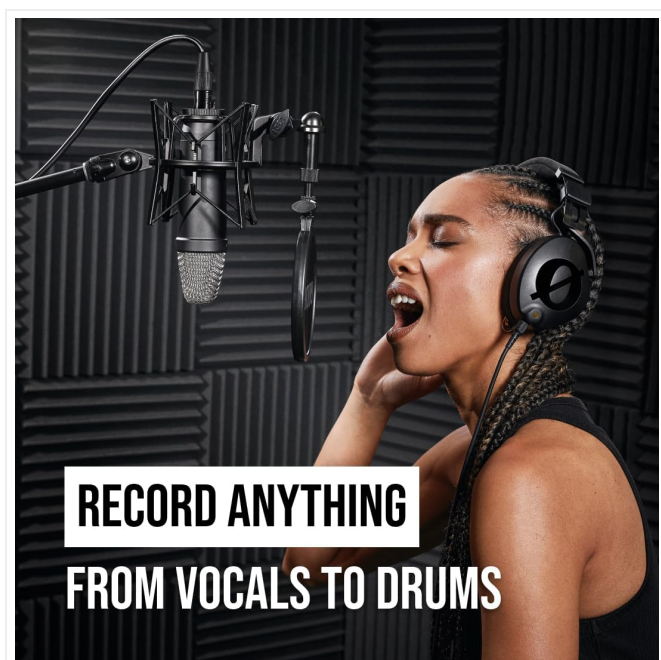


Image: A person speaking into the RØDE NT1 microphone, ideal for podcasting, streaming, or voiceover work, highlighting clear audio capture.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your RØDE NT1 Signature Series microphone:

- **Dust Protection:** Always use the provided dust cover when the microphone is not in use to protect the capsule from dust and debris.
- **Cleaning:** Use a soft, dry cloth to clean the microphone body. Avoid using liquid cleaners or solvents, as these can damage the finish or internal components.
- **Storage:** Store the microphone in a cool, dry place, away from extreme temperatures and humidity.
- **Handling:** Handle the microphone with care. Avoid dropping it or subjecting it to harsh impacts, which can damage the delicate internal capsule.

TROUBLESHOOTING

If you encounter issues with your RØDE NT1 Signature Series microphone, consider the following troubleshooting steps:

- **No Sound Output:**
 - Ensure 48V phantom power is enabled on your audio interface/mixer.
 - Check that the XLR cable is securely connected at both ends.
 - Verify that the input gain on your audio interface is turned up.
 - Test with a different XLR cable if possible.
- **Distorted Sound:**
 - Reduce the input gain on your audio interface.
 - Ensure the microphone is not too close to the sound source (especially for loud instruments).
 - Check for any active processing or effects on your audio interface or software that might be causing distortion.
- **Excessive Background Noise:**
 - Ensure you are recording in a quiet environment.
 - Check for sources of electrical interference (e.g., power cables, fluorescent lights).

- Verify that the microphone is correctly positioned to minimize off-axis noise.

SPECIFICATIONS

Microphone Form Factor	Large Diaphragm
Polar Pattern	Unidirectional (Cardioid)
Audio Sensitivity	4 Decibels (dBA self-noise)
Signal-to-Noise Ratio	78 dB
Connectivity Technology	XLR
Power Source	Corded Electric (48V Phantom Power)
Material	Metal
Item Weight	11 ounces (313 Grams)
Product Dimensions	2.05 x 2.05 x 7.44 inches
Model Name	NT1 Signature
Manufacturer	RØDE

CLASSIC STUDIO SOUND



Image: A detailed close-up of the RØDE NT1 Signature Series microphone's HF6 1-inch true condenser capsule, highlighting its design.

WARRANTY AND SUPPORT

The RØDE NT1 Signature Series microphone is backed by a **10-year warranty**, reflecting its high-quality construction and durability.

For technical support, warranty claims, or additional product information, please visit the official RØDE website or contact their customer service directly. Ensure you register your product to activate your warranty.

You can also visit the [Rode Store on Amazon](#) for more products and information.

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