

Rode NTG2

Rode NTG-2 Multi-Powered Shotgun Microphone User Manual

Model: NTG2

INTRODUCTION

The Rode NTG-2 is a versatile, multi-powered condenser shotgun microphone designed for professional audio capture in various environments. It offers exceptional sound quality, low noise, and a full frequency response, making it ideal for film, video, television, and broadcast production. Its highly directional polar pattern ensures focused audio pickup, minimizing unwanted background noise.

Key features include:

- Premium dual-powered design (P48 phantom power or AA battery).
- Low noise and full frequency response for clear audio.
- Highly directional super-cardioid polar pattern.
- Switchable 80Hz high-pass filter to reduce low-end rumble.
- Lightweight and durable metal construction.

WHAT'S IN THE BOX

Your Rode NTG-2 package includes the following components:

- Rode NTG-2 Multi-Powered Shotgun Microphone
- Microphone clip
- Windscreen
- Zip pouch for storage

SETUP

Setting up your NTG-2 microphone is straightforward. Follow these steps to get started:

1. Powering the Microphone

The NTG-2 offers dual power options:

- **P48 Phantom Power:** Connect the microphone to a device (e.g., camera, audio recorder, mixer) that provides 48V phantom power via an XLR cable. The microphone will automatically draw power from this

source.

- **AA Battery:** For situations where phantom power is unavailable, the NTG-2 can be powered by a single AA battery. Unscrew the bottom cap of the microphone, insert a fresh AA battery with the correct polarity, and re-secure the cap.





Figure 1: The Rode NTG-2 Multi-Powered Shotgun Microphone. This image shows the full length of the microphone, highlighting its sleek black design and the perforated body.

2. Connecting to Your Device

Connect the NTG-2 to your recording device using a standard XLR cable. Ensure the connection is secure to prevent signal loss.

3. High-Pass Filter Activation

The NTG-2 features a switchable 80Hz high-pass filter. This filter helps to reduce unwanted low-frequency noise, such as air conditioning hum, traffic rumble, or handling noise. Locate the small switch on the microphone body and slide it to the 'on' position to activate the filter when needed.



Figure 2: A close-up view of the Rode NTG-2 microphone body, clearly showing the switch for the 80Hz high-pass filter. This switch allows users to reduce low-frequency noise.

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Video 1: Product Overview. This video provides a brief visual overview of the Rode NTG-2 microphone, demonstrating its physical features and components.

OPERATING THE MICROPHONE

The Rode NTG-2 is a highly directional shotgun microphone, meaning it primarily picks up sound from directly in front of it. This characteristic is crucial for isolating desired audio sources and rejecting off-axis noise.

Optimal Placement

For best results, aim the microphone directly at your sound source. When used on a boom pole, position the microphone just out of frame, pointing towards the speaker's mouth. When mounted on a camera, ensure the microphone is pointed towards the subject.



Figure 3: The Rode NTG-2 microphone attached to a video camera, demonstrating a typical setup for on-camera audio recording. The microphone is positioned to capture sound from the direction the camera is facing.

Wind Noise Reduction

Always use the included foam windscreen when recording outdoors or in windy conditions to minimize wind noise. For more severe wind, consider using an additional "dead cat" or furry wind cover (sold separately).

Monitoring Audio

Always monitor your audio with headphones during recording to ensure optimal levels and to identify any unwanted noise or distortion. Adjust the input gain on your recording device as needed to achieve a strong, clean signal without clipping.

MAINTENANCE

To ensure the longevity and optimal performance of your Rode NTG-2 microphone, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe down the microphone body. Avoid using liquid cleaners or solvents, as these can damage the finish or internal components.
- **Storage:** When not in use, store the microphone in its provided zip pouch or a protective case to shield it from dust, moisture, and physical damage.
- **Battery Replacement:** If using AA battery power, replace the battery when the indicator light (if present) shows low power, or if you notice a decrease in audio quality or output level. Remove the battery if the microphone will not be used for an extended period to prevent leakage.
- **Handling:** Handle the microphone with care. Avoid dropping it or subjecting it to strong impacts, as this can damage the sensitive internal capsule.

TROUBLESHOOTING

If you encounter issues with your Rode NTG-2 microphone, consider the following common troubleshooting steps:

- **No Sound Output:**
 - Check all cable connections (XLR) to ensure they are secure.
 - Verify that phantom power is enabled on your recording device, or that a fresh AA battery is correctly installed in the microphone.
 - Ensure the input gain on your recording device is set appropriately.
- **Distorted or Unclear Sound:**
 - Check if the input gain on your recording device is too high, causing clipping. Reduce the gain if necessary.
 - Ensure the microphone is pointed directly at the sound source.
 - If recording outdoors, ensure the windscreen is properly installed to reduce wind noise.
- **Excessive Low-End Noise/Rumble:**
 - Activate the 80Hz high-pass filter switch on the microphone body.
 - Ensure the microphone is isolated from vibrations (e.g., using a shock mount, if available).

If problems persist, consult the official Rode support resources or contact their customer service.

SPECIFICATIONS

Feature	Detail
Microphone Form Factor	Microphone Only
Dimensions (L x W x H)	0.88 x 0.88 x 11 inches
Item Weight	5.8 ounces
Power Source	Battery (1 AA required) and phantom power compatible
Material	Metal
Signal-to-Noise Ratio	76 dB
Frequency Response	20Hz-20kHz


Noise Level	94 dB
Connectivity Technology	XLR
Polar Pattern	Super Cardioid
Manufacturer	RØDE Microphones
Country of Origin	China

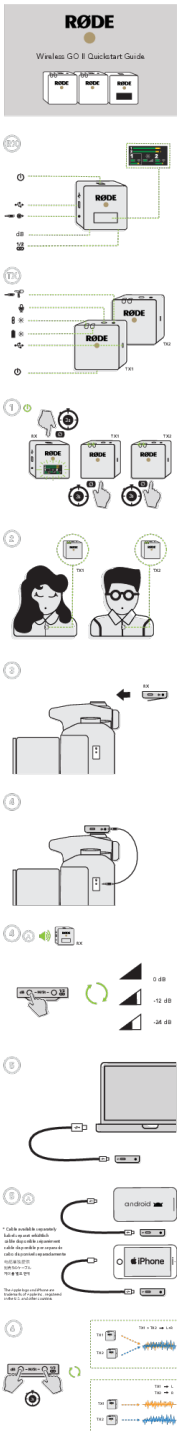

WARRANTY AND SUPPORT




Rode offers a generous 10-year warranty upon registration of your NTG-2 microphone. For detailed warranty information, product registration, and technical support, please visit the official Rode website.

You can also refer to the official User Manual (PDF) for additional information:[Download PDF Manual](#)

Related Documents - NTG2

	<p>RODE NTH-100 Professional Over-Ear Headphones User Manual</p> <p>Discover the RODE NTH-100 professional over-ear headphones, engineered for exceptional audio performance, superior comfort, and durability for content creators. Learn about key features, design, and specifications.</p>
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 <p>The image shows the RØDE Wireless GO II Quickstart Guide. It includes a title page with the RØDE logo and 'Wireless GO II Quickstart Guide'. The guide is divided into sections: 1. Getting Started (connecting the transmitter and receiver), 2. Pairing (connecting the transmitter and receiver), 3. Mounting (attaching the transmitter to a camera), 4. Audio Levels (adjusting the volume), 5. Monitoring (checking the audio levels on the receiver), 6. Troubleshooting (common issues and solutions), and 7. Safety (important safety information). The guide is illustrated with diagrams and photos of the RØDE Wireless GO II system.</p>	<p>Rode Wireless GO II Quickstart Guide</p> <p>A quickstart guide for the Rode Wireless GO II, covering setup, operation, and safety information.</p>
 <p>The image shows the RØDEcaster Video, an all-in-one production console. It features a large, black, rectangular unit with a control panel on the left side, including buttons and a small display. The unit is connected to a laptop and a camera. The RØDE logo is visible in the bottom right corner.</p>	<p>RØDEcaster Video: All-in-One Production Console for Video and Audio</p> <p>Discover the RØDEcaster Video, a revolutionary all-in-one console for seamless video and audio production, live streaming, and podcasting. Featuring advanced switching, professional audio mixing, and powerful processing.</p>

	<p>Performance to Virtual: Video Production Guide for Theater and Dance</p> <p>Learn essential tools, tips, and techniques for converting live theater and dance performances to video, covering sound, green screen, storyboarding, and essential equipment from the Video Association of Dallas.</p>
	<p>RØDE Stereo VideoMic Pro Instruction Manual - Setup, Features, and Specifications</p> <p>Comprehensive guide to the RØDE Stereo VideoMic Pro on-camera microphone, covering setup, controls, features, specifications, troubleshooting, and care instructions. Learn how to achieve broadcast-quality audio for your videos.</p>
	<p>ZGCINE ZG-R30 Charging Case for RODE Wireless Go - User Manual</p> <p>Comprehensive user manual for the ZGCINE ZG-R30 charging case, designed for RODE Wireless Go microphones. Learn about features, specifications, operation, safety, storage, transportation, and warranty information.</p>