

Rode NTG5KIT

Rode NTG5 Shotgun Condenser Microphone Kit

Model: NTG5KIT

INTRODUCTION

The Rode NTG5 is a short, ultra-lightweight shotgun microphone designed for demanding recording applications. Its revolutionary acoustic design, featuring circular ports instead of traditional linear slots, provides unmatched transparency and a natural, uncoloured sound. With a tightly controlled frequency response, smooth off-axis response, and very low self-noise (just 10dBA), the NTG5 delivers spectacular audio quality suitable for location recording and filmmaking. Weighing only 76g and measuring just over 20cm, it is ideal for extended use on long shoots. The microphone incorporates RF-bias circuitry for reliable performance in adverse environments, offering excellent resistance to high humidity, severe cold, damp, and dust.

WHAT'S IN THE BOX

The Rode NTG5 Shotgun Condenser Microphone Kit includes the following components:

- NTG5 Broadcast Shotgun Microphone
- PG2-R Pistol Grip Shock Mount
- WS10 Windshield (furry)
- ZP1 Small Pouch Bag
- RM5 Microphone Clip
- PG2-R Pro Cable
- Foam Windshield



Image: All components included in the Rode NTG5 Shotgun Condenser Microphone Kit.

SETUP

1. Attaching the Microphone to the PG2-R Pistol Grip Shock Mount

1. Carefully insert the NTG5 microphone into the red Rycote Lyre mounts on the PG2-R pistol grip. Ensure the microphone is securely seated within the mounts.
2. Connect the PG2-R Pro Cable to the XLR 3-Pin Male connector at the base of the NTG5 microphone.
3. If using, slide either the Foam Windshield or the WS10 Furry Windshield over the microphone capsule. The Foam Windshield is suitable for light wind conditions, while the WS10 is designed for higher wind environments.



Image: Rode NTG5 microphone assembled with the PG2-R pistol grip and foam windshield.

2. Connecting to a Recording Device

The NTG5 requires 48V phantom power for operation. Connect the XLR cable from the PG2-R pistol grip to an audio interface, field recorder, or camera input that provides phantom power.

- Ensure your recording device is capable of supplying 48V phantom power.
- Connect the XLR cable from the PG2-R to the XLR input of your recording device.
- Activate phantom power on your recording device.



Image: Rode NTG5 microphone in use on a boom pole for indoor recording.

OPERATING INSTRUCTIONS

1. Polar Pattern and Directionality

The NTG5 features a highly directional supercardioid polar pattern. This means it is most sensitive to sounds coming directly from the front and rejects sounds from the sides and rear. This characteristic is ideal for isolating desired audio sources and minimizing background noise.

- Point the microphone directly at your sound source for optimal capture.
- Utilize its off-axis rejection to minimize unwanted ambient noise.

2. Phantom Power

The NTG5 requires 48V phantom power. Ensure your recording device or mixer provides this power for the microphone to function correctly. The microphone's low current draw helps conserve battery power on portable recording devices.

3. Wind Protection

Use the appropriate windshield for your recording environment:

- **Foam Windshield:** For indoor use or light breeze conditions.
- **WS10 Furry Windshield:** For outdoor use or high wind environments to significantly reduce wind noise.



Image: Rode NTG5 microphone with furry windshield in an outdoor recording scenario.

4. Features and Specifications Overview

Video: An official overview of the Rode NTG5's features and specifications by Retail Solutions, LLC.

FEATURES

- **Revolutionary Acoustic Design:** Delivers a natural, uncoloured sound with circular acoustic ports.
- **Extremely Lightweight:** Weighs just 76g and is only 203mm long, making it comfortable for long shoots.
- **Tailored Frequency Response:** Optimized for human voice reproduction and clear audio capture.
- **Very Low Self-Noise:** Just 10dBA, ensuring quiet, clean, and natural recordings.
- **Highly Directional Supercardioid Polar Pattern:** Isolates desired sound sources and minimizes off-axis noise.
- **RF-Bias Technology & Conformal Coating:** Ensures superior performance and reliability in adverse environmental conditions, impervious to moisture and humidity.
- **Robust Construction:** Seamless and durable design using aerospace-grade aluminum.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the microphone body. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Store the microphone in the provided ZP1 pouch when not in use to protect it from dust and physical damage.
- **Environmental Protection:** While the NTG5 is resistant to moisture and humidity, prolonged exposure to extreme conditions should be avoided. Always use the appropriate windshield in windy or damp environments.
- **Cable Care:** Handle XLR cables carefully to prevent damage to connectors and wiring.

TROUBLESHOOTING

- **No Sound Output:**
 - Ensure 48V phantom power is enabled on your recording device.
 - Check all cable connections for proper seating and integrity.
 - Verify the input gain on your recording device is set appropriately.
- **Excessive Noise/Hum:**
 - Ensure the XLR cable is not running parallel to power cables, which can cause interference.
 - Check for faulty cables or connectors.
 - Confirm phantom power is stable and correctly supplied.
- **Wind Noise:**
 - Always use the appropriate windshield (Foam for light wind, WS10 for high wind).
 - Position the microphone to minimize direct exposure to wind.
- **Muffled Sound:**
 - Ensure the microphone capsule is not obstructed by the windshield or other objects.
 - Check microphone placement relative to the sound source.

SPECIFICATIONS


Specification	Value
Audio Sensitivity	10 Decibels
Impedance	25 Ohm
Microphone Form Factor	Shotgun
Item dimensions L x W x H	10 x 10 x 4 inches
Power Source	Corded Electric (48V Phantom Power)
Material	Plastic (Aerospace-grade aluminum body)

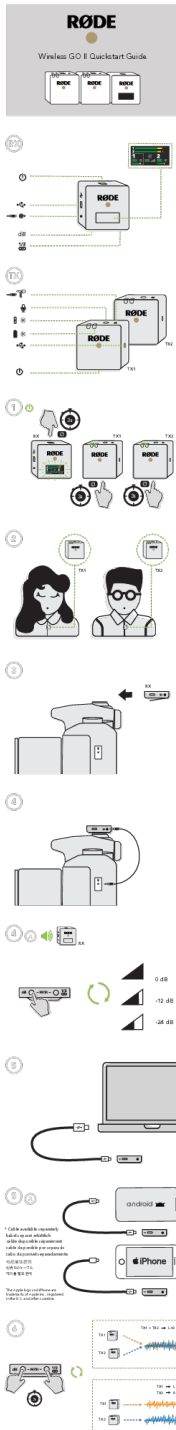
Signal-to-Noise Ratio	84 dB
Number of Channels	1
Manufacturer	RØDE Microphones
UPC	698813006571
Item Weight	0.016 ounces (76g)
Item model number	NTG5KIT
Polar Pattern	Super Cardioid
Connectivity Technology	XLR
Connector Type	XLR 3-Pin Male (on Mic)
Special Feature	Lightweight, RF-bias circuitry, Conformal coating
Color	Black

WARRANTY AND SUPPORT

Rode Microphones products are covered by a manufacturer's warranty. For specific warranty terms, registration, and support inquiries, please visit the official Rode Microphones website or contact their customer service directly. Keep your proof of purchase for warranty claims.

Related Documents - NTG5KIT

	<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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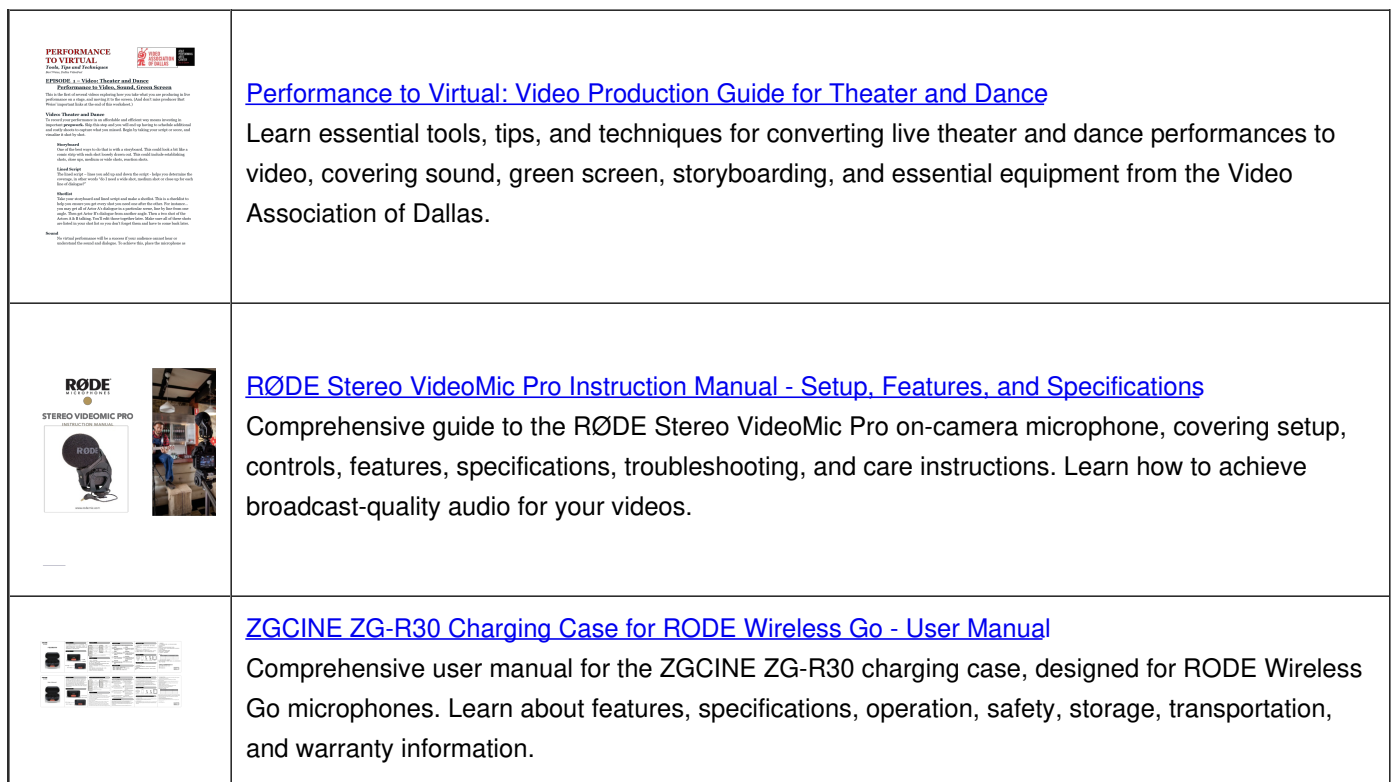
[Rode Wireless GO II Quickstart Guide](#)

A quickstart guide for the Rode Wireless GO II, covering setup, operation, and safety information.



[RØDECaster Video: All-in-One Production Console for Video and Audio](#)

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.



Documents - Rode – NTG5KIT