


**RØDE**<sup>®</sup>  
MICROPHONES



**NTG-3**  
**Instruction Manual**



[www.rodemic.com](http://www.rodemic.com)

CE (EMC, LVD) 

# Introduction

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Thank you for your purchase of the **RØDE** NTG-3 precision broadcast-grade shotgun microphone.

The NTG-3 is one of **RØDE**'s most exciting microphones. It is the result of years of development by **RØDE** engineers, providing the professional broadcast and film industries with an affordable yet uncompromising microphone.

One of the key features of the NTG-3 is its ability to withstand adverse conditions. Using a technology known as RF bias the NTG-3 is almost completely resistant to moisture, making it the only option when recording in any demanding environments where condensation is an issue.

In addition to its very low weight and anti-glare finish, the NTG-3 also features incredibly low self-noise. I'm confident that you won't find a similar microphone that is this quiet.

When not in use you'll be able to store the NTG-3 in the weather resistant aluminium anti-roll storage cylinder (standard with purchase), providing additional protection when traveling and storing the NTG-3.

Please take the time to visit [www.rodemic.com](http://www.rodemic.com) and register your microphone for a full ten year warranty.

While there you can view studio/field tips and techniques, as well as browse the comprehensive range of accessories for the NTG-3 and other **RØDE** microphones.



Peter Freedman  
**RØDE** Microphones  
Sydney, Australia

# Specifications

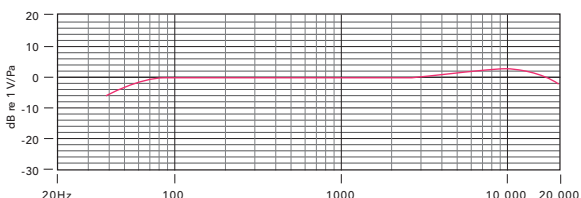
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<b>Acoustic Principle:</b>	Line Gradient
<b>Directional Pattern:</b>	Super-Cardioid
<b>Frequency Range:</b>	40Hz - 20kHz
<b>Output Impedance:</b>	25 $\Omega$
<b>Sensitivity:</b>	-30dB $\pm$ 2dB (31.6mV/Pa)
<b>Equivalent Noise:</b>	13 dBA
<b>Maximum Output:</b>	8.2dBu
<b>Dynamic Range:</b>	117dB SPL
<b>Maximum SPL:</b>	130dB @ 1kHz
<b>Signal/Noise:</b>	81 dB
<b>Power Requirement:</b>	P48 phantom (44-52V min 5mA)
<b>Output Connection:</b>	3-pin XLR
<b>Net Weight:</b>	163g
<b>Dimensions:</b>	19mm x 255mm

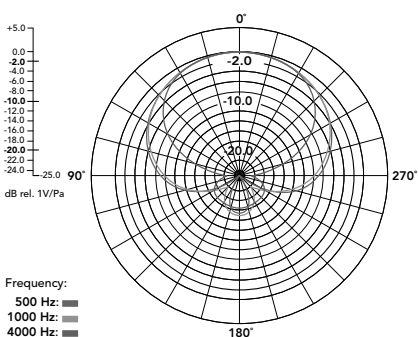
# Specifications

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## Frequency Response



## Polar Response



# Accessories

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RM5 - Stand mount



ZP2 - Zip pouch



WSNTG3 - Wind shield



RCNTG3 - Weather resistant aluminium storage cylinder

# Features

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- Designed to withstand adverse environmental conditions
- 50% less self-noise than the majority of shotgun mics
- True Condenser (external RF biased)
- Extremely low handling noise
- High level of immunity to radio frequency interference
- High sensitivity
- Superior broadcast sound quality
- Designed & manufactured in Australia
- Full 10 year guarantee\*

## Powering the NTG-3

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- The NTG-3 requires power to operate. This needs to be supplied via a P48V phantom power supply which is available from most professional video cameras or mixing consoles.
- If the camera or console does not provide phantom power, then an external phantom power supply is needed.

\*Online product registration required.

## Connecting the NTG-3

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- We strongly suggest the use of high quality XLR cables, using the shortest cable length possible to ensure minimal noise interference between the microphone output and the camera/recorder input.
- The NTG-3 features a custom designed XLR connector that is specially designed to reduce susceptibility to RF interference from devices such as cell phones.
- When mounting the microphone in a mic stand or shock/suspension mount you must ensure that you do not block any of the slots on the side of the microphone (as illustrated below).  
Obstructing these slots will affect the sound quality and the polar pattern (directional qualities).



## Using the NTG-3

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- The NTG-3 is designed for operation within demanding environments, where the traditional condenser microphone would fail. However all due care should be taken to protect the microphone body itself from high levels of moisture or dust. For maximum protection please store the NTG-3 in the supplied storage cylinder when not in use.

# Using the NTG-3

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- Shotgun microphones have a narrow 'pick-up' angle or polar response, and so can be used to great effect with cameras for news gathering, wedding videos, sporting events or in any situation where you want to focus on a particular area of sound source without having your audio overpowered by ambient noise.

The pick-up pattern of the NTG-3 has been tailored to be slightly wider and therefore more directionally forgiving than comparable shotgun microphones on the market. This makes boompole and handheld operation much easier.

- The NTG-3 is supplied with a foam windshield. This windshield should be used whenever recording outdoors, as even an unexpected slight breeze can cause unwanted sound interference.
- For maximum wind protection a more specialised wind shield is recommended, such as the **RØDE** DeadCat, WS7 deluxe windshield, or the **RØDE** Blimp suspension windshield system.
- The supplied weather resistant aluminium storage cylinder is designed to provide extreme environmental protection for your microphone when not in use, however it is not recommended that the cylinder be immersed in liquid. Damage to the microphone caused by water entering the storage cylinder is not covered by the microphone warranty.

# Warranty

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All **RØDE** microphones are warranted for one year from date of purchase. You can extend that to a full ten years if you register online at [www.rodemic.com](http://www.rodemic.com).

The warranty covers parts and labour that may be required to repair the microphone during the warranty period. The warranty excludes defects caused by normal wear and tear, modification, shipping damage, or failure to use the microphone as per the instruction guide.

If you experience any problem, or have any questions regarding your **RØDE** microphone, first contact the dealer who sold it to you. If the microphone requires a factory authorised service, return will be organised by that dealer.

We have an extensive distributor/dealer network, but if you have difficulty getting the advice or assistance you require, do not hesitate to contact us directly.

## **RØDE** Microphones

### **International**

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### **USA**

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Santa Barbara, CA 93140-4189  
Ph: 805 566 7777  
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### **Technical Support**

For information and technical support questions contact:  
[support@rodemic.com](mailto:support@rodemic.com)

In the Unites States and Puerto Rico, contact  
[usasupport@rodemic.com](mailto:usasupport@rodemic.com) or call 805 566 7777

In Australia, contact [ozsupport@rodemic.com](mailto:ozsupport@rodemic.com) or call (02) 9648 5855

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