

NTG-1

Directional Condenser Microphone

The new RØDE NTG-1 is a lightweight condenser shotgun microphone, which has been specifically designed for professional applications within the film, video, television, voice-over and ENG industries.

The NTG-1 provides an electronically balanced output stage and operates on 48 V to the P48 standard.

The NTG-1 offers wide bandwidth and a controlled polar response coupled with low noise SMT electronics. The NTG-1 is extremely lightweight making it ideal for mounting directly to video cameras (with optional accessories) or a Boom pole.

The NTG-1 comes complete with mount and windshield. The supplied windscreen effectively suppresses wind noise when recording outdoors in moderate conditions.

Optional accessories are available for more demanding applications.



Features

- Broadcast sound quality.
- Low noise circuitry.
- Condenser transducer.
- Rugged metal construction.
- Low weight: 105 grams approx. (3 oz.).
- Low handling noise.
- Supplied with stand mount, zip pouch and windshield.
- Designed & manufactured in Australia.
- Full 2 year guarantee.

Specifications

Acoustic principle:

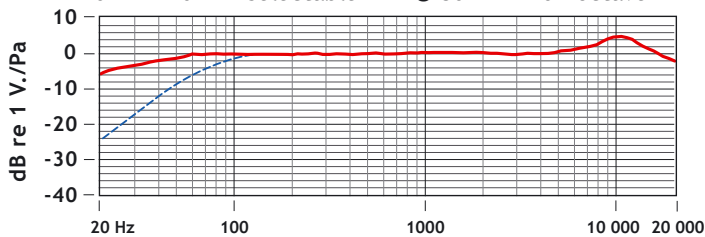
Line plus Gradient.

Directional pattern:

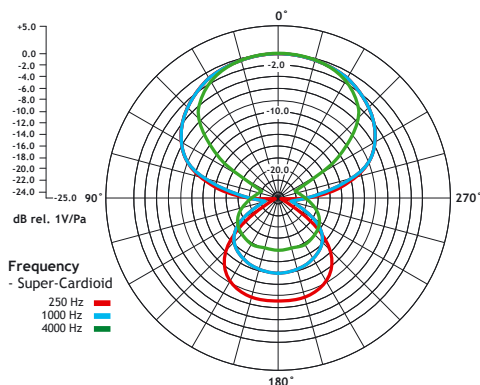
Super-Cardioid.

Frequency range:

20 Hz ~ 20 kHz selectable HPF @ 80 Hz/12 dB octave



Polar pattern



Operation

Power

The NTG-1 is designed to operate from standard P48 phantom power. The NTG-1 will operate between 44 V to 52 V applied with positive polarity to pin 2 and pin 3 via the output XLR connector.

Output Impedance

The NTG-1 will operate satisfactorily into a load impedance as low as 1 kΩ. If a load below this is used, the output signal level will be reduced.

The NTG-1's output is balanced between pin 2 (hot), pin 3 (cold) and pin 1 is ground.

Output impedance:

50 Ω

Signal/Noise ratio DIN/IEC 651:

76 dB (1 kHz rel. 1 Pa; per IEC651, IEC268-15)

Equivalent noise:

18 dB SPL (per IEC651, IEC268-15)

Maximum SPL:

139 dB (@ 1% THD into 1 kΩ)

Sensitivity at 1 kHz into 1 kΩ:

-36 dB re 1 Volt/Pascal (15 mV @ 94 dB SPL) +/- 2 dB (at 1 kHz in free field into open circuit)

Dynamic range - Amplifier DIN/IEC 651:

121 dB (per IEC651, IEC268-15)

Power (Supply voltage):

P48 Phantom, 44 V to 52 V

Current consumption:

3.5 mA

Output Connection:

3 pin XLR, balanced output between pin 2 (+), pin 3 (-) and pin 1 (ground)

Weight approx.:

105 g approx. (3.37 oz.)

Dimensions:

