

NTG-2

Directional Condenser Microphone

The new RØDE NTG-2 is a lightweight condenser shotgun microphone, which has been specifically designed for professional applications within the film, video, television and production industries.

The NTG-2 provides a balanced low impedance output stage and operates either from an internal 1.5 V battery (AA) or 48 V to the P48 standard.

A wide bandwidth and controlled polar response coupled with low noise SMT electronics, makes the NTG-2 the perfect choice for film, video engineering and voice-over work. The NTG-2 is extremely lightweight making it ideal for mounting directly to video cameras or on boom poles. The NTG-2 comes complete with mount and windshield. The windscreen effectively suppresses wind noise when recording outdoors in moderate conditions.



Features

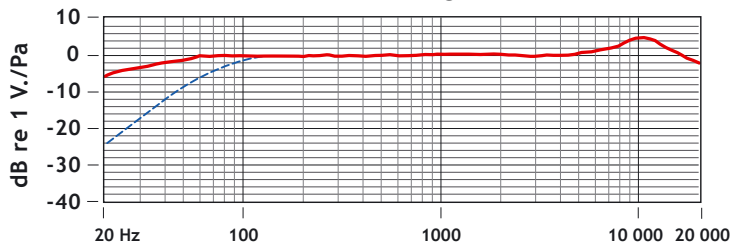
- Broadcast sound quality.
- Rugged metal construction.
- Condenser microphone transducer.
- Weighing 161 grams approx. (5.17 oz.).
- Low noise circuitry.
- Low handling noise.
- Supplied with stand mount and zip pouch.
- Designed & manufactured in Australia.
- Full 2 year guarantee.

Specifications

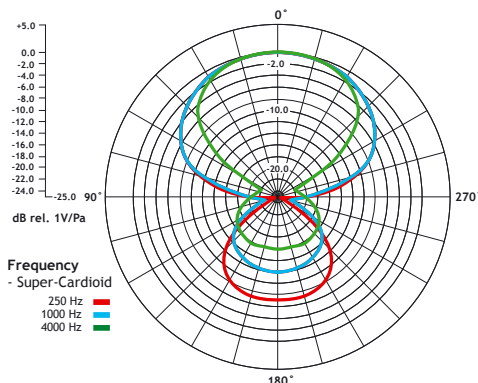
Acoustic principle:
Line plus Gradient.

Directional pattern:
Super-Cardioid.

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



Polar pattern



Operation

Power

The NTG-2 is designed to operate from standard P48 phantom power or a 1.5 V Alkaline Battery. The NTG-2 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-2 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-2's output is balanced between pin 2 (hot) and pin 3 (cold). Pin 1 is ground.

Output impedance:

250 Ω - phantom power, 350 Ω - battery power

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:

131 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

113 dB (per IEC651, IEC268-15)

Power (Supply voltage):

1.5 V Alkaline Battery or P48 Phantom

Current consumption:

2.0 mA

Battery Life:

>400 hours with fresh alkaline battery.

Output Connection:

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

Weight approx.:

161 g approx. (5 oz.)

Dimensions:

