

# NTG-2

# Features and Specifications

## NTG-2

#### **Directional Condenser Microphone**

The new RODE 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

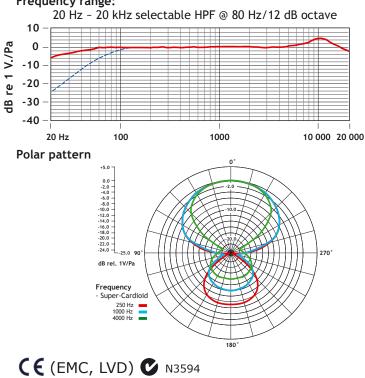
- Broadcast sound guality.
- Rugged metal construction.
- Condenser microphone transducer.
- Weighing 161 grams approx. (5.17 oz.).
- Low noise circuitry.
- Low handling noise.
- Supplied with stand mount and zip pouch.
- Designed & manufactured in Australia.
- Full 2 year guarantee.

# Specifications

Acoustic principle: Line plus Gradient. **Directional pattern:** 

Super-Cardioid.

Frequency range:



# 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 k $\Omega$ . 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  $\Omega$  - phantom power, 350  $\Omega$  - 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 k $\Omega$ : -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:** Ø22 mm (7/8") 278 mm (10-15/16") ୦ ଏଦା

v1 - 22/12/04 Specifications subject to change without notice.