VideoMic

Features and Specifications

VideoMic

Directional Condenser Microphone

The **RØDE VideoMic** is a professional grade shotgun microphone. Based on the latest 'Film industry' technology, the **VideoMic** is designed specifically for use with high quality Digital Video Cameras.

The microphone exhibits low noise and an unusually wide bandwidth for its size. It is ultra lightweight, yet rugged due to it's ABS construction. The **VideoMic** is powered by a standard 9 V battery and offers a Low Battery LED status indicator and a switchable high pass filter to reduce unwanted low frequency rumble.

The **VideoMic** attaches to any Camcorder that has the standard hot-shoe fitting and utilizes a stereo mini jack for audio output.

Features

- Studio recording quality.
- Rugged fibre-reinforced ABS construction.
- 9 V battery operation.
- Custom designed integral wind shield.
- Condenser Microphone.
- Low noise circuitry.
- Low handling noise.
- Integral hot shoe mount.
- Designed & manufactured in Australia.
- Full 2 year guarantee.

Operation

Power
The **VideoMic** is designed to operate from a 9 V battery (ANSI:1604A or IEC:6LR61). The battery is conveniently located within the support arm of the microphone.

A fully removable access cover and a 1-way insertion mechanism ensure ease of loading. The battery will provide more than 100 hrs. of continuous use due to a low consumption of only 5.0 mA.

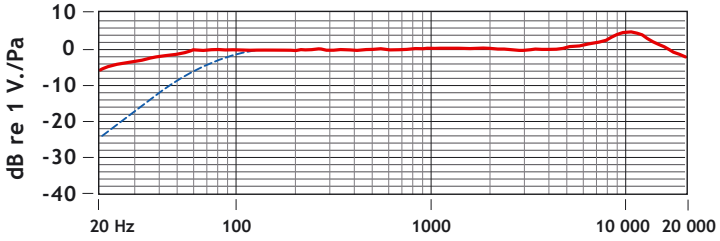
Output Impedance
The microphone will operate satisfactorily into a load impedance as low as 1 kΩ. If a load below this is used, the output signal level will be reduced.

Specifications

Acoustic Principle:
Line plus Gradient

Directional Pattern:
Super-Cardioid

Frequency range:
40 Hz ~ 20 000 Hz selectable HPF @ 80 Hz/12 dB/octave



Output Impedance:
200 Ω

Signal/Noise ratio DIN/IEC 651:
74 dB (1 kHz rel 1 Pa; per IEC651, IEC268-15)

Equivalent Noise:
20 dB SPL (per IEC651, IEC268-15)

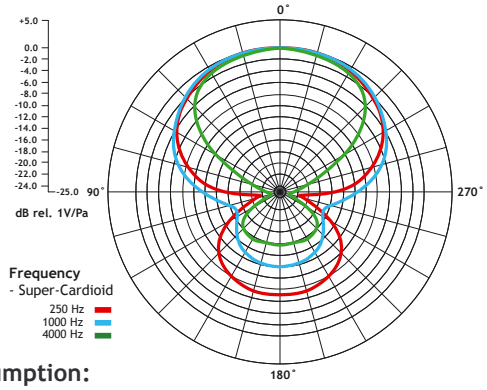
Maximum SPL:
134 dB (@ 1% THD into 1 kΩ)

Sensitivity at 1 kHz into 1 kΩ:
-3 dB re 1 Volt/Pascal (15 mV @ 94 dB SPL) +/- 2 dB
(at 1 kHz in free field into open circuit)

Dynamic Range - DIN/IEC 651:
114 dB (per IEC651, IEC268-15)

Power (Supply voltage):
9 V DC Alkaline Battery (ANSI:1604A or IEC:6LR61)

Polar Pattern



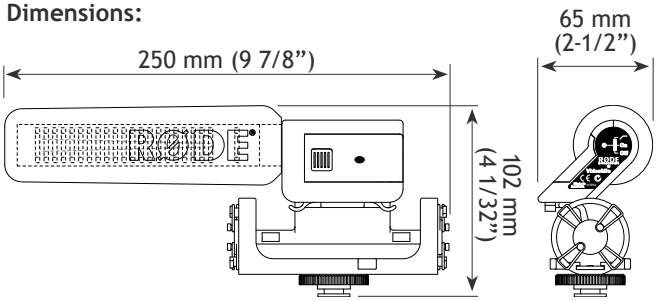
Current consumption:
5 mA

Battery Life:
>100 hours

Output Connection:
Stereo mini jack plug - Ø3.5 mm.

Weight - no battery:
176 grm. (6.21 oz.)

Dimensions:



CE (EMC, LVD) N3594

v1a - 18/01/05 Specifications subject to change without notice.