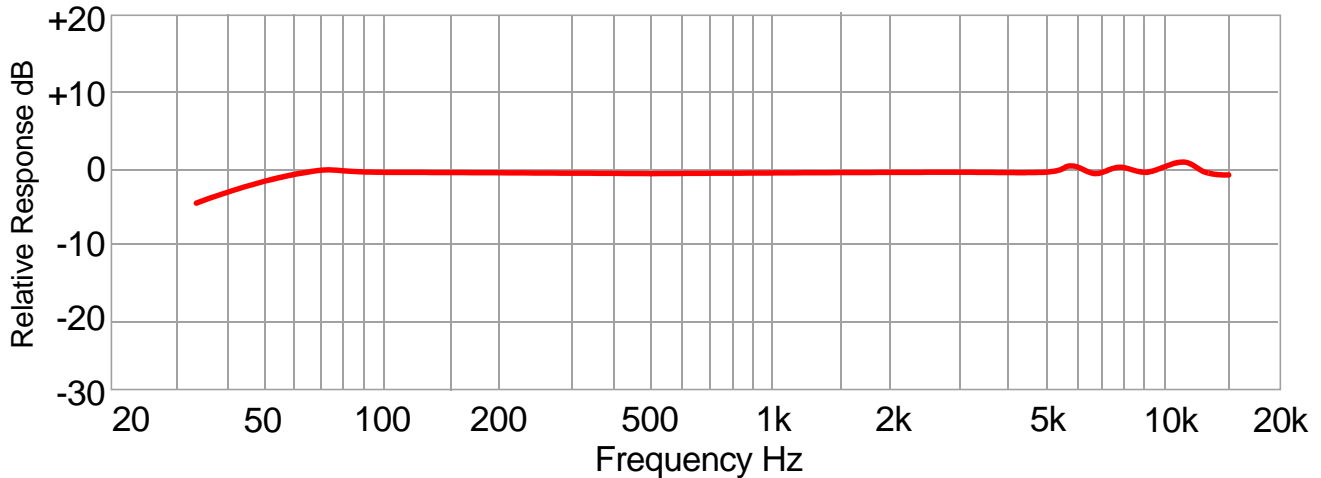


## M119 Electret Microphone

The M119 microphone exhibits a broad, flat frequency response well suited to tape recording or speech reinforcement applications. The omnidirectional pickup pattern makes the exact placement of the mic less critical than directional types. The mic capsule should be positioned in the center of the talker's chest, not to either side, as high up as is practical. In windy conditions, it can be placed underneath a collar or thin clothing to reduce wind noise, although this will dull the sound somewhat.

### Typical Frequency Response Curve



**Sensitivity:** -66dB  $\pm$ 3dB (0dB=1V/ $\mu$ BAR@1kHz)

**Impedance:** Low impedance

**Polar Pattern:** Omnidirectional

**Freq Range:** See below

**Max Operating Voltage:** 10V

**Standard Operating Voltage:** 2.0V

**Current Consumption:** 0.5 mA max

**Signal/Noise Ratio:** More than 38dB



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