

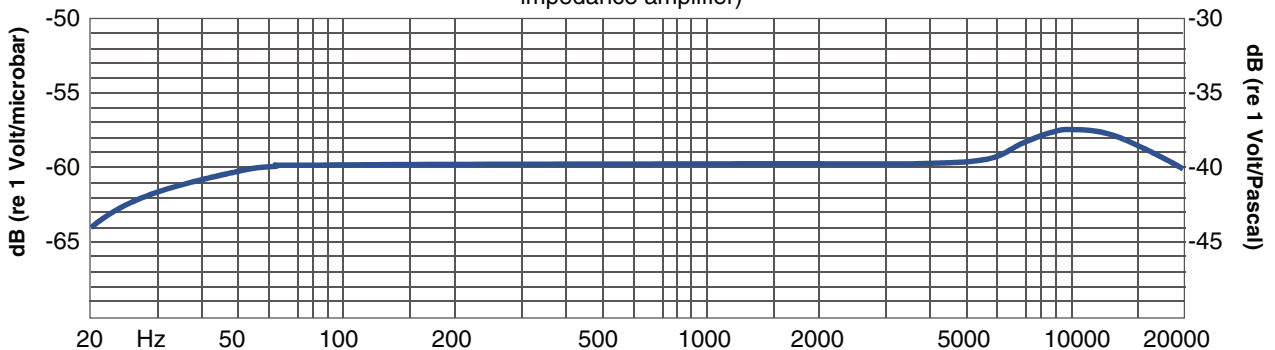
Electret Lavalier Microphone



- **Sensitivity:**
10mV per Pascal / 100mV @ 114 dB SPL
- **Impedance:** 3 k Ω (2-6 k Ω)
- **Polar Pattern:** Omnidirectional
- **Freq Range:** 20 - 20,000 Hz
- **Max Operating Voltage:** 10V
- **Standard Operating Voltage:** 2V
- **Current Consumption:** 30uA @ 1.3V
- **Signal/Noise Ratio:** More than 38dB

FREQUENCY RESPONSE

(Measured free field with standard preamplifier, 1.3V supply and high impedance amplifier)



The M152 is a high performance microphone with heavily suppressed mechanical noise for critical applications. A wide, flat frequency response is augmented by a 2 or 3 dB bump in the upper octaves to add a crisper sound. 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.