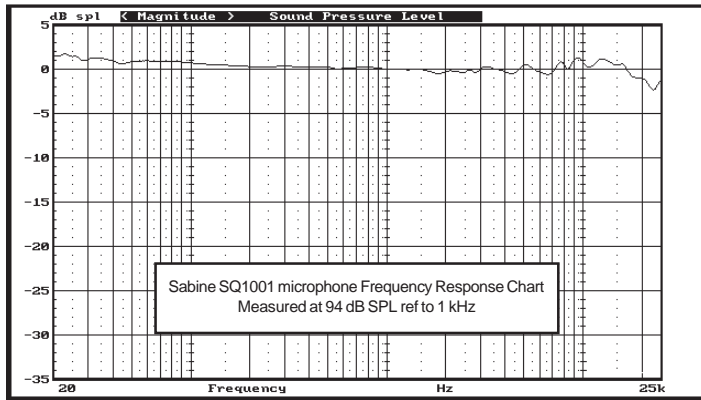


Features include:

- Uniform Free-Field, hemispherical response
- Virtually flat response from 20Hz - 19kHz
- Long lasting, durable housing construction and finish



The Sabine SQ1001 is a high quality, free-field condenser microphone designed for reference use in professional applications which require excellent performance and accuracy in recording, broadcast and live performance sound reinforcement - over a wide range of environmental conditions. Used in conjunction with the Sabine ADF4000 POWER-Q and the Sabine REAL-Q2 Adaptive Equalizer, the SQ1001 is the ideal reference microphone for continuous Real-Time Analysis.

The SQ1001 features is a pre-polarized electret on the backplate and bronze housing. The extended free field response makes it suitable for acoustic measurements in a variety of environments and for use with IEC 657 type 1 sound level meters. The SQ1001 requires phantom power (for use with IEC 268-15 voltages of 9-52Vdc), and uses an XLR3 connector. The SQ-1001 is rated to 128 dB SPL.

Microphone type:	Pre-polarized Condenser
Pickup Pattern	Omnidirectional
Open circuit Sensitivity	18 mV / Pa (1 Pa=94 dB SPL)
Frequency Response	20Hz - 19kHz, +1, -3 dB -5 dB at 20kHz
Dynamic Range	102 dB
Maximum SPL	128 dB
Noise level	17 dB A weighted / 26dB
Impedance	200 Ohms
Power Requirement	9 - 52 phantom
Housing	Machined Brass
Weight	5 oz.

OPERATION

Like all aspects of sound reproduction, the “ideal” is most often an “in the field” compromise of the environment within which you work.

See figure at lower left for proper microphone to speaker orientation. Microphone is ideally placed within the listener area with a vertical orientation (pointing straight up), permitting it to capture sound in a hemispherical zone from its point of placement.

