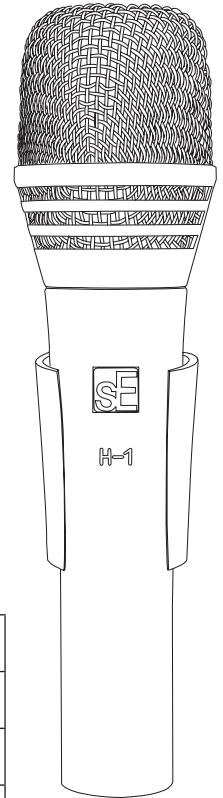


H1 – Technical Information

The H1 condenser is based on the sE1a capsule, re-voiced and tuned specifically to roll off a little more high frequency and take a higher SPL to make it ideally suited to meet both the need for live/touring applications, and project studio recording.

It has a specialised internal shock mount which gives it ultra low handling noise, equivalent to that of a dynamic mic, while maintaining the sonic performance of a high quality condenser, so live performances sound like studio takes!

The H1 is a true all rounder with great studio recording capability and a live sound that will astound you.



Technical Specifications

Acoustical operating principle	Electrodynamic pressure gradient	Maximum SPL for THD 0.5% ² :	134 dB (cardioid)
Directional pattern:	Cardioid	Maximum output voltage:	500 mV
Frequency range:	20 Hz ... 20 kHz	Dynamic range of the microphone amplifier (A-weighted):	116dB
Sensitivity at 1 kHz into 1 kohm:	4.5 mV/Pa ¹)	Supply voltage (P48, IEC 61938) :	48 V ± 4 V
Rated impedance:	50 ohms	Current consumption (P48, IEC 61938): :	3mA
Rated load impedance:	1 kohms	Matching connectors: :	XLR3F
Equivalent noise level, CCIR1) :	28dB	Weight::	345g
Equivalent noise level, A-weighted ¹)	18dB-A	Diameter:	48mm
Signal-to-noise ratio, CCIR1) (rel. 94 dB SPL):	66dB	Length:	183mm
Signal-to-noise ratio, A-weighted ¹) (rel. 94 dB SPL):	76dB		

1) According to IEC 60268-1; CCIR-weighting according to CCIR 468-3, quasi peak; A-weighting according to IEC 61672-1, RMS

2) Measured as equivalent el. input signal

Polar pattern and Frequency Chart