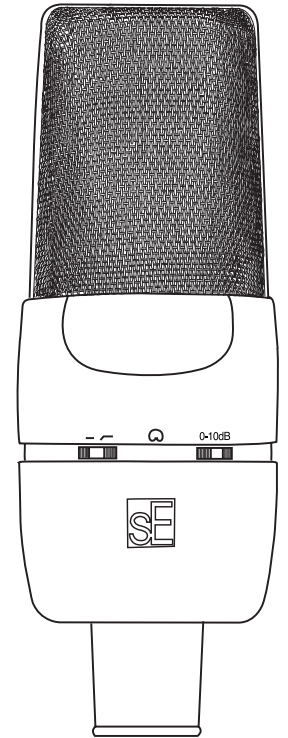




## sEX1 – Technical Information

The sEX1 is the latest addition to the entry level range of sE microphones, produced with one thing in mind... to outperform every other mic on the market in its price category and significantly over it.

It has a large, 1" hand made, diaphragm, 10dB pad, Bass cut and is finished in an expensive black rubber paint finish. The build and sonic performance are significantly better than key competitors, and the mic, which ships with a mic clip, can be accessorised with a shock mount and flight case if desired



### Technical Specifications

Acoustical operating principle:	Pressure gradient transducer	Maximum SPL for THD 0.5% <sup>2</sup> :	127 dB (cardioid)
Directional pattern:	Cardioid	Maximum SPL for THD 0.5% with preattenuation <sup>2</sup> :	137dB
Frequency range:	20 Hz ... 20 kHz	Maximum output voltage:	1200 mV
Sensitivity at 1 kHz into 1 kohm:	25 mV/Pa1)	Dynamic range of the microphone amplifier (A-weighted):	115dB
Rated impedance:	50 ohms	Supply voltage (P48, IEC 61938) :	48 V ± 4 V
Rated load impedance:	1 kohms	Current consumption (P48, IEC 61938):	3mA
Equivalent noise level, CCIR1) :	28dB	Matching connectors:	XLR3F
Equivalent noise level, A-weighted1):	16dB-A	Weight:	455g
Signal-to-noise ratio, CCIR1) (rel. 94 dB SPL):	66 dB	Diameter:	57mm
Signal-to-noise ratio, A-weighted1) (rel. 94 dB SPL):	78dB	Length:	168 mm

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

#### Cardioid

- 125Hz - - - - -
- 250Hz - - - - -
- 500Hz - - - - -
- 1kHz - - - - -
- 2kHz - ······
- 4kHz - - ······
- 8kHz - - ······
- 16kHz - ······

