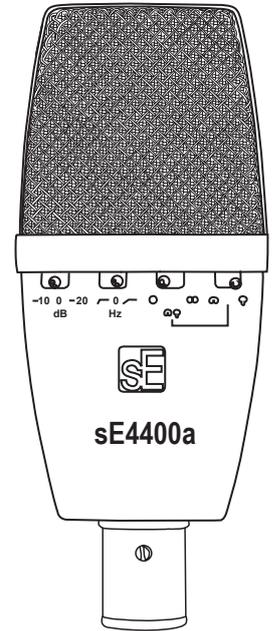




## sE4400a – Technical Information

The 4400a is the latest in a lineage of mics started 6 years ago with our sE2200a. Based on the same capsule tuning, but with a dual capsule to give multi polar pattern function, this mic is a rarity... a true all-rounder.

It has 4 polar patterns, Cardioid, Hypercardioid, Figure of 8 and Omni. 2 bass cuts at 60Hz and 120Hz; 2 pads at 10 and 20dB. The chassis is small... very small, but still manages to house a twin diaphragm 1" capsule and all the top grade electronics and switches. This flat, round edged chassis design allow the mic to be used flat onto a drumhead or guitar cab, or pushed through into the skin of a kick drum. It is also perfect for sung vocals and voice over work, because although it's the smallest mic of it's type, it still 'looks' big when used full face on. It is extremely thin at less than 3/4" and fits neatly in the palm of your hand.



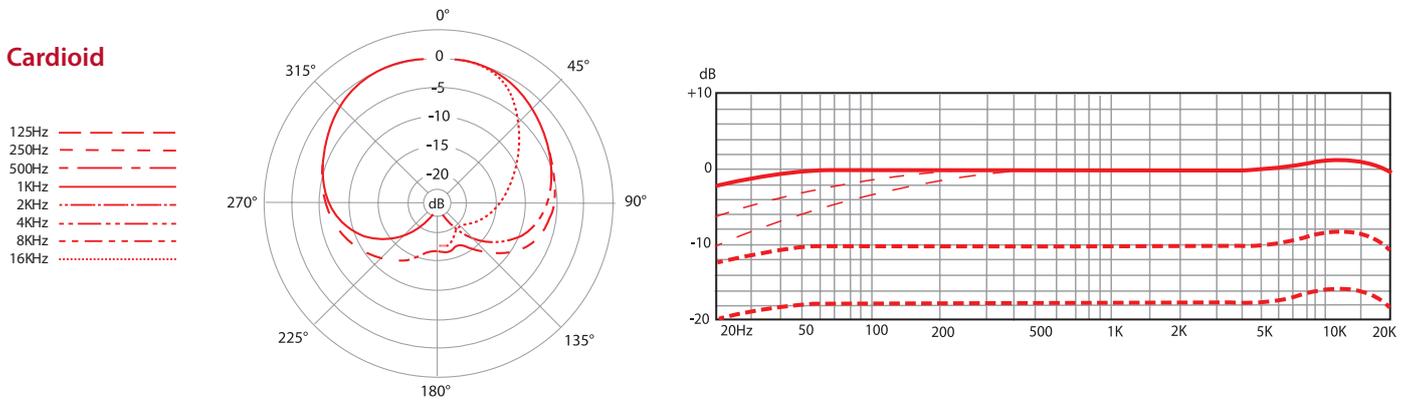
### Technical Specifications

Acoustical operating principle:	Pressure gradient transducer	Maximum SPL for THD 0.5% <sup>2</sup> :	78/78/78 dB1)
Directional pattern:	Omnidirectional, cardioid, figure-8 plus	Maximum SPL for THD 0.5% with preattenuation <sup>2</sup> :	122 dB (cardioid)
Frequency range:	20 Hz ... 20 kHz	Maximum output voltage:	1000mV
Sensitivity at 1 kHz into 1 kohm:	24/25/24 mV/Pa1)	Dynamic range of the microphone amplifier (A-weighted):	106 dB
Rated impedance:	200 ohms	Supply voltage (P48, IEC 61938) :	48 V ± 4 V
Rated load impedance:	1 kohms	Current consumption (P48, IEC 61938):	5 mA
Equivalent noise level, CCIR1) :	25/26/25 dB1)	Matching connectors:	XLR3F
Equivalent noise level, A-weighted <sup>1</sup> ):	16/16/16 dB-A1)	Weight:	280g
Signal-to-noise ratio, CCIR1) (rel. 94 dB SPL):	69/68/69 dB1)	Dimensions	57mm L X 29mm W X 143mm H

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



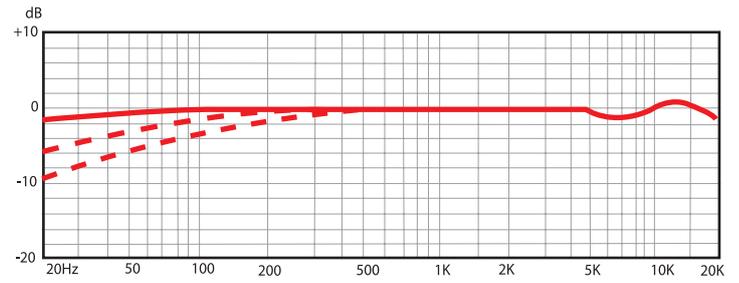
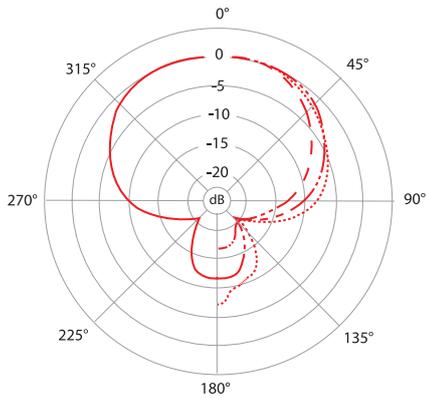


## sE4400a – Technical Information

### Polar pattern and Frequency Chart

#### Hypercardioid

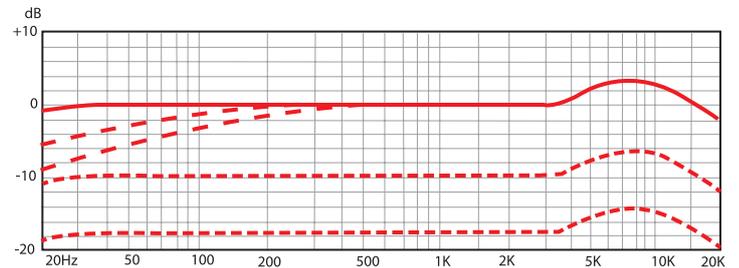
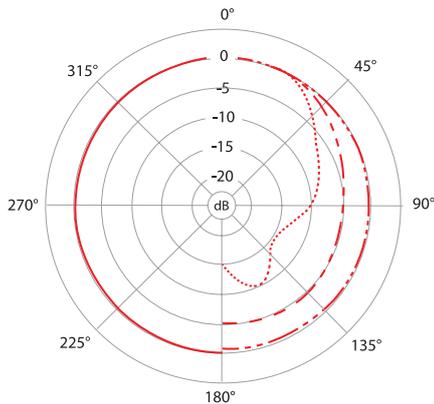
- 125Hz - - - - -
- 250Hz - - - - -
- 500Hz - - - - -
- 1KHz - - - - -
- 2KHz - - - - -
- 4KHz - - - - -
- 8KHz - - - - -
- 16KHz - - - - -



### Polar pattern and Frequency Chart

#### Omni

- 125Hz - - - - -
- 250Hz - - - - -
- 500Hz - - - - -
- 1KHz - - - - -
- 2KHz - - - - -
- 4KHz - - - - -
- 8KHz - - - - -
- 16KHz - - - - -



### Polar pattern and Frequency Chart

#### Figure of 8

- 125Hz - - - - -
- 250Hz - - - - -
- 500Hz - - - - -
- 1KHz - - - - -
- 2KHz - - - - -
- 4KHz - - - - -
- 8KHz - - - - -
- 16KHz - - - - -

