

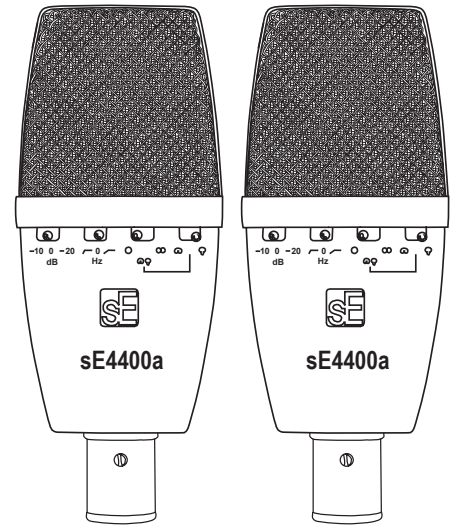


sE4400a Stereo Pair – Technical Information

A matched stereo pair of sE4400a mics with stereo bar and sE's new, flightcase.

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.



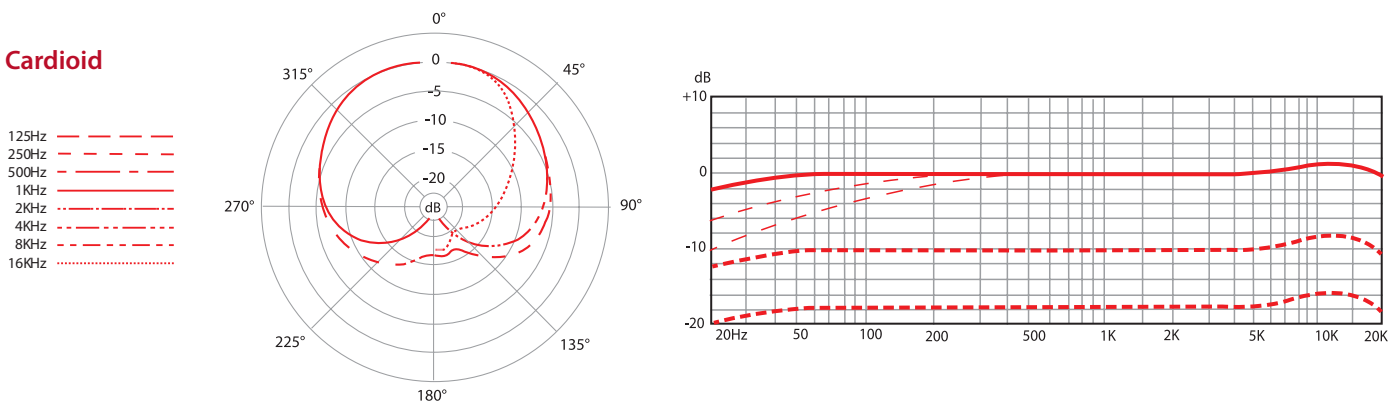
Technical Specifications

| | | | |
|--|--|--|---------------------------|
| Acoustical operating principle: | Pressure gradient transducer | Maximum SPL for THD 0.5% ²⁾ : | 78/78/78 dB ¹⁾ |
| Directional pattern: | Omnidirectional, cardioid, figure-8 plus | Maximum SPL for THD 0.5% with preattenuation ²⁾ : | 122 dB (cardioid) |
| Frequency range: | 20 Hz ... 20 kHz | Maximum output voltage: | 1000mV |
| Sensitivity at 1 kHz into 1 kohm: | 24/25/24 mV/Pa ¹⁾ | 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 dB ¹⁾ | Matching connectors: | XLR3F |
| Equivalent noise level, A-weighted ¹⁾ : | 16/16/16 dB-A ¹⁾ | Weight: | 280g |
| Signal-to-noise ratio, CCIR1) (rel. 94 dB SPL): | 69/68/69 dB ¹⁾ | 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



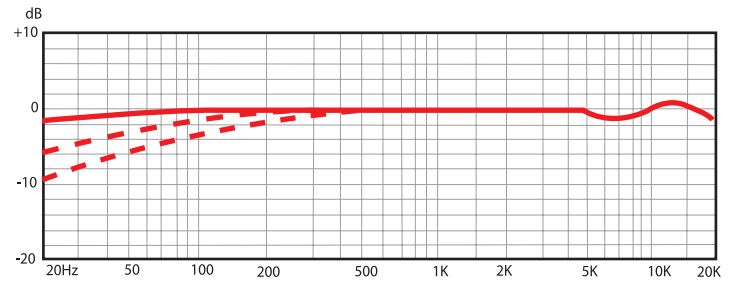
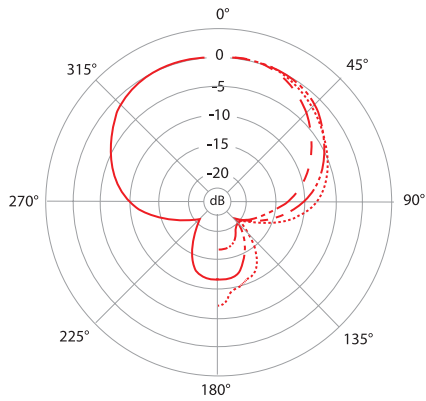


sE4400a – Technical Information

Polar pattern and Frequency Chart

Hypercardioid

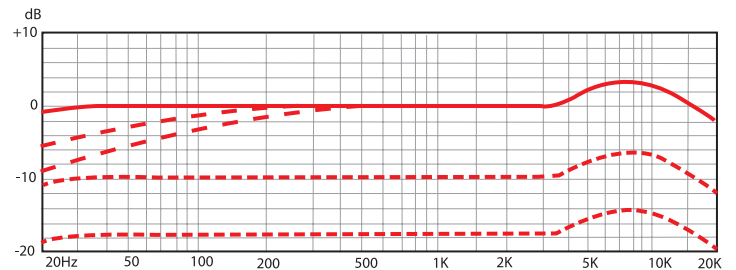
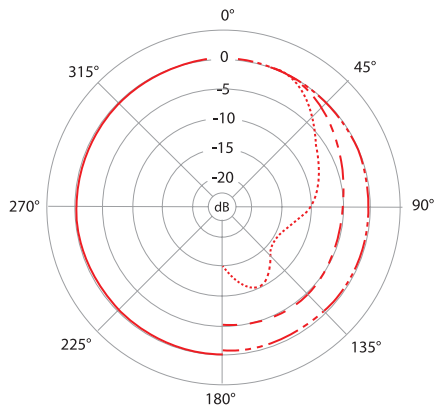
- 125Hz - - - - -
- 250Hz - - - - -
- 500Hz - - - - -
- 1KHz - - - - -
- 2KHz - - - - -
- 4KHz - - - - -
- 8KHz - - - - -
- 16KHz - - - - -



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 - - - - -

