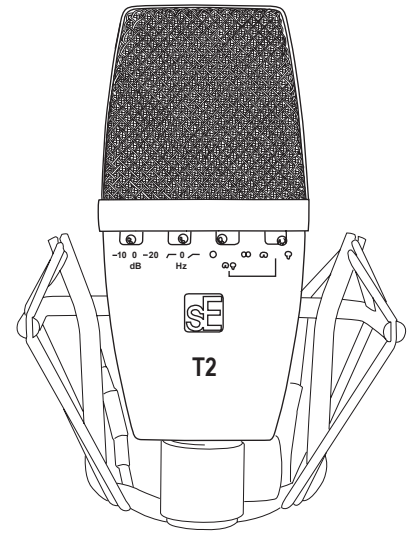


T2 – Technical Information

This mic is the ultimate combination of high-detail solid state performance and versatility. Based on the chassis and feature spec of the acclaimed 4400a, but with the highly specialised capsule of the original Titan, it delivers full, and perfectly balanced, mid and low frequencies, while its Titanium capsule produces un-hyped but ultra-detailed High Frequency (HF) response.

It is thus ideally suited for percussive recordings, including of course drums and percussion, but also things like picked guitar, the hammer action on piano, kick drum, slap bass etc.

More, it is the ideal broadcast mic for spoken word; since the intelligibility of any speech recording comes with good definition of HF (the percussive elements of speech such as 'p' and 't' sounds), it is especially important for any mic used to deliver great HF response. However, simply hyping the HF with an EQ can cause the sound to be sibilant and harsh sounding, and invariably adds noise. The T2 however delivers a perfectly balanced HF response due to the extremely fast HF transient response of its Titanium sputtered capsule, thus giving exceptional intelligibility without the hype and noise.



The T2 - Perfect for percussion and percussive instruments, perfect for spoken word.

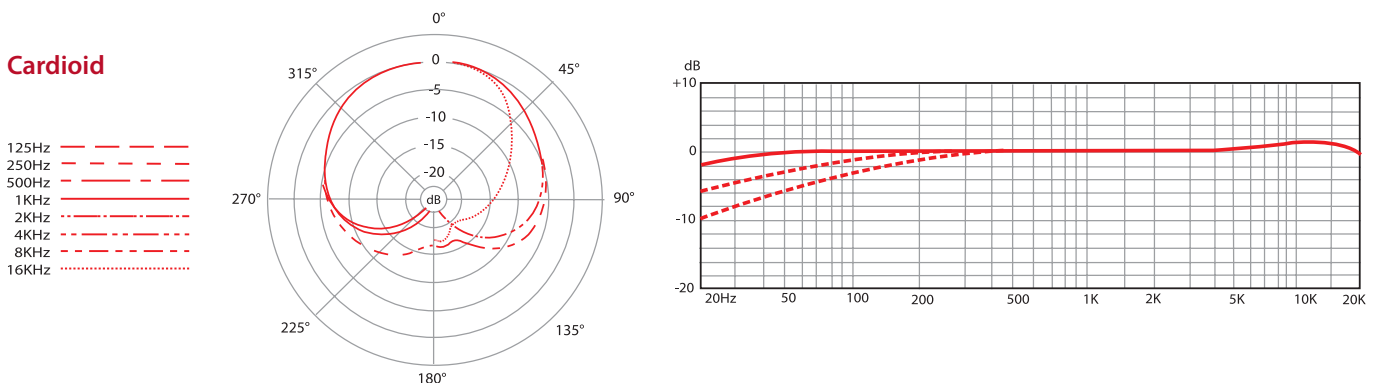
Technical Specifications

| | | | | | |
|--|--|--|-------------------|---|---------------------------|
| Acoustical operating principle | Pressure gradient transducer | Equivalent noise level, A-weighted ²⁾ : | 16/16/16 dB-A1) | Dynamic range of the microphone amplifier (A-weighted): | 106 dB |
| Directional pattern: | Omnidirectional, Cardioid, Figure-8 plus | Signal-to-noise ratio, CCIR ²⁾ (rel. 94 dB SPL): | 69/68/69 dB1) | Supply voltage (P48, IEC 61938) : | 48 V ± 4 V |
| Frequency range: | 20 Hz ... 20 kHz | Signal-to-noise ratio, A-weighted ²⁾ (rel. 94 dB SPL) : | 78/78/78 dB2) | Current consumption (P48, IEC 61938) : | 5 mA |
| Sensitivity at 1 kHz into 1 kohm: | 24/25/24 mV/Pa1) | Maximum SPL for THD 0.5% ³⁾ : | 122 dB (cardioid) | Matching connectors: | XLR3F |
| Rated impedance: | 200 ohms | Maximum SPL for THD 0.5% with preattenuation ³⁾ : | 132dB | Weight: | 280g |
| Rated load impedance: | 1 kohms | Maximum SPL for THD 0.5% with preattenuation ³⁾ : | 132dB | Dimensions: | 57mm L X 29mm W X 143mm H |
| Equivalent noise level, CCIR ²⁾ : | 25/26/25 dB1) | Maximum output voltage: | 1000mV | | |

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

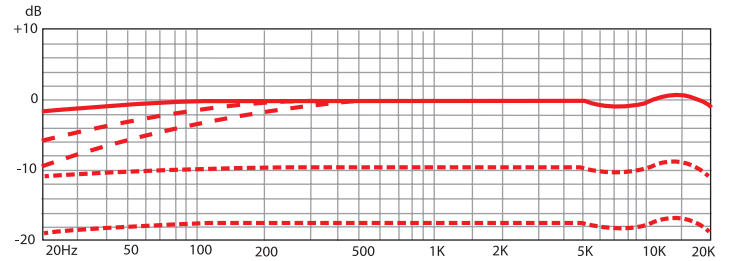
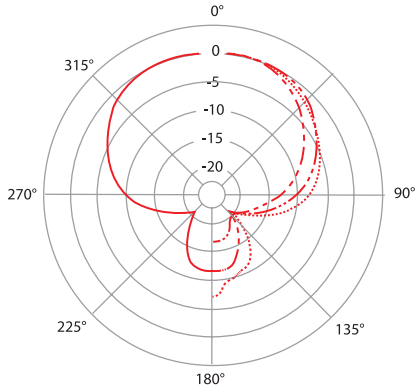




Polar pattern and Frequency Chart

Figure of 8

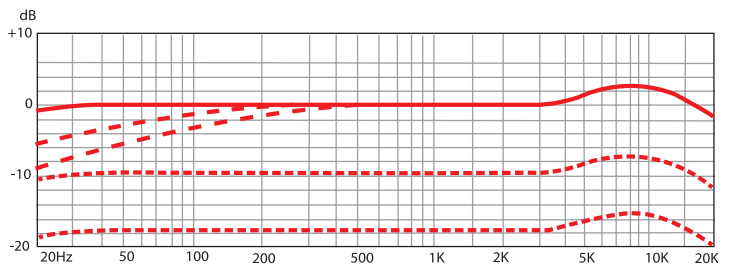
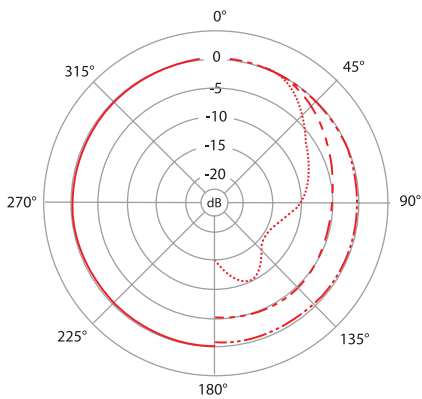
- 125Hz - - - - -
- 250Hz - - - - -
- 500Hz - - - - -
- 1KHz - - - - -
- 2KHz - - - - -
- 4KHz - - - - -
- 8KHz - - - - -
- 16KHz - - - - -



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 - - - - -

