



sE1a – Technical Information

Building on the incredibly popular sE1, the sE1a retains the same capsule but combines this with all new, super-quiet electronics, all housed in a superbly restyled chassis.

This end-fire small diaphragm condenser microphone really is astonishing value for money.

Great for drums, pianos, and acoustic stringed instruments the sE1a is a must have for any size studio.



Technical Specifications

Acoustical operating principle:	Pressure gradient transducer	Maximum SPL for THD 0.5% ² :	130 dB (cardioid)
Directional pattern:	Cardioid	Maximum output voltage:	1200 mV
Frequency range:	20 Hz ... 20 kHz	Dynamic range of the microphone amplifier (A-weighted):	113dB
Sensitivity at 1 kHz into 1 kohm:	18mV/Pa ¹)	Supply voltage (P48, IEC 61938) :	48 V ± 4 V
Rated impedance:	200 ohms	Current consumption (P48, IEC 61938):	3mA
Rated load impedance:	1 kohms	Matching connectors:	XLR3F
Equivalent noise level, CCIR1) :	28dB	Weight:	190g
Equivalent noise level, A-weighted ¹):	17dB-A	Diameter:	25mm
Signal-to-noise ratio, CCIR1) (rel. 94 dB SPL):	66 dB	Length:	163mm
Signal-to-noise ratio, A-weighted ¹) (rel. 94 dB SPL):	77dB		

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 - - - - -

