

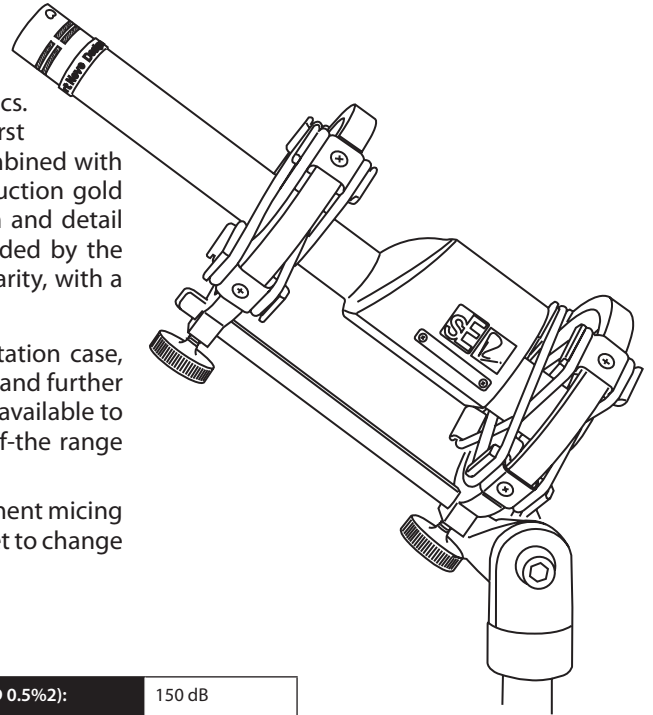


## sERN17 – Technical Information

The sERN17 is our latest addition to the new sE Rupert Neve range of mics. Using a custom designed, hand wound, transformer this is the world's first pencil mic with a large scale, ultra high performance, transformer. Combined with a newly developed 17mm capsule from sE, the world's smallest production gold sputtered Mylar capsule, the result is truly magnificent. The definition and detail from the capsule is incredible, made more so by the headroom afforded by the Rupert Neve transformer. The combined effect is one of exceptional clarity, with a wonderfully silky finish.

The mic ships with a Cardioid capsule, in a beautiful wooden presentation case, and with 5 canisters to hold the Cardioid capsule shipped with the mic, and further Supercardioid, Omni, Hypercardioid and Figure of 8 capsules which are available to purchase separately. The whole system is then packaged in our top-of-the range signature series flight-case with a custom shock mount.

The sERN17 is the ultimate in pencil mic perfection... ideal for all instrument micing applications. This amazing mic, like the sE Rupert Neve RNR1 ribbon, is set to change the way you record forever.



### Technical Specifications

Acoustical operating principle:	Pressure condensor	Maximum SPL for THD 0.5% <sup>2)</sup> :	150 dB
Directional pattern:	Cardioid	Maximum output voltage:	4V
Frequency range:	20 Hz – 20 kHz	Dynamic range of the microphone amplifier (A-weighted):	131 dB
Sensitivity at 1 kHz into 1 kohm:	-44.5±0.5dBV/Pa(6mV/Pa)	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) :	23 dB	Weight:	248 g
Equivalent noise level, A-weighted1):	18 dB	Diameter:	44 mm
Signal-to-noise ratio, CCIR1) (rel. 94 dB SPL):	69 dB	Length:	200 mm
Signal-to-noise ratio, A-weighted1) (rel. 94 dB SPL):	74 dB		

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

