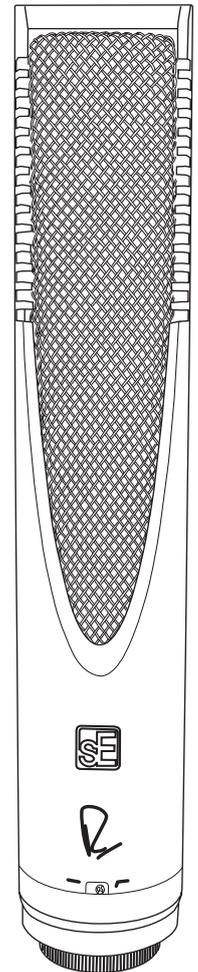




RNR1 – Technical Information

Rupert Neve’s new custom circuit design now allows high frequencies to be captured and output from the capsule for the first time ever in pristine detail. Standard performance of the RNR1 is an unprecedented 20Hz to 25KHz – three times the frequency range of even the best available competitor ribbon mics on the market today!

More than this, Mr Neve’s hand-wound custom input and output transformers create huge amounts of headroom and effectively lower the noise levels by using gain stages to amplify the signal. The slight dip in the frequency response from 16-25KHz in the RNR1 can therefore be effectively flattened if required, producing an almost perfectly flat response, way beyond what human ears can perceive. This is crucial in making the RNR1 by far the best performing ribbon mic in the world today.



Technical Specifications

Acoustical operating principle	Pressure Gradient with Active Electronics	Rated Load Impedance:	1K-Ohm
Directional pattern:	Figure-8	Maximum SPL:	>135dB
Generating Element:	2.5-micron aluminum ribbon	Current consumption (P48, IEC 61938) :	3.5mA
Magnets:	Rare Earth Neodymium	Matching connectors:	XLR3F
Frequency range:	20 -25,000 Hz	Weight:	845g
Sensitivity at 1 kHz:	25mV/Pa	Diameter:	47mm
Self-Noise:	< 15 dB	Length:	265mm
Output Impedance:	200 Ohms, balanced		

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

Figure of 8

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

