



VR2 – Technical Information

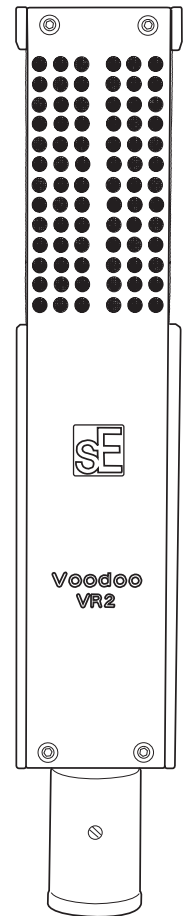
The Voodoo Ribbons from sE are new for 2010 and mark a new era for Ribbon mic technology – until now the only Ribbon mic in the world to perform across 20Hz-20KHz was our own Rupert Neve collaboration, the RNR1, critically acclaimed as the best Ribbon mic in the world. This was achieved using state of the art transformers and a Rupert Neve designed circuit board to reveal HF usually absent.

The Voodoo mics however achieve full frequency response using a new mechanical device (patent pending), designed by Siwei Zou, the company CEO. This extraordinary technical achievement allows the traditional Ribbon capsule to develop and capture frequencies from 20Hz to 20KHz like no other Ribbon on the planet.

The sound is revolutionary; where the RNR1 is simply a stunning mic in its own class entirely, the Voodoo range brings traditional ribbon sound to the project and commercial studio, but extends it to perform as well as most condensers do. The result is superbly detailed and wonderfully open and natural sounding recordings of acoustic instruments and guitar cabs.

The VR2 is an 'active' version of the VR1, which is the more traditional 'passive' Ribbon design.

These mics' unique ability to perform, coupled with searingly good looks, is sure to make the VR1 and VR2 classics of their time.



Technical Specifications

Acoustical operating principle	Pressure Gradient with Active Electronics	Output Impedance:	200 Ohms, balanced
Directional pattern:	Figure-8	Rated Load Impedance:	1K-Ohm
Generating Element:	2.5-micron aluminum ribbon	Maximum SPL:	>135dB
Magnets:	Rare Earth Neodymium	Current consumption (P48, IEC 61938) :	2mA
Frequency range:	30 -18,000 Hz +/- 3dB	Matching connectors:	XLR3F
Sensitivity at 1 kHz:	10mV/Pa	Weight:	325g
Self-Noise:	< 20 dB	Dimensions:	33mm L X 17mm W X 183mm 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

Figure of 8

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

