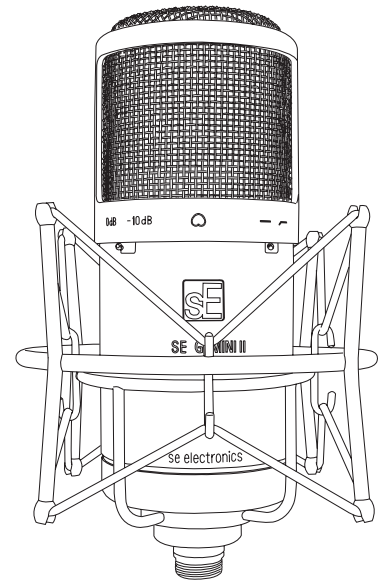




Gemini II – Technical Information

The Gemini II dual valve microphone is sE Electronics ultimate design. A no holds barred piece of microphone history. The dual valve design means pure valve warmth from the 12AX7 input valve coupled with a 12AU7 valve on the output stage in place of the traditional transformer. The result is an incredibly large detailed and intimate sound reminiscent of the classic valve microphones from decades ago, but with all of the top end you'd normally associate with the best solid state mics on the market.



Technical Specifications

Acoustical operating principle:	Pressure gradient transducer	Signal-to-noise ratio, A-weighted1) (rel. 94 dB SPL):	78dB
Directional pattern:	Cardioid	Typical SPL (tube characteristic)2) : K < 0,5 %: 120 dB, K < 5 %:	133 dB
Frequency range:	20 Hz ... 20 kHz	Maximum output voltage :	9dBu
Sensitivity at 1 kHz into 1 kohm:	25mV/Pa	Dynamic range of the microphone amplifier (A-weighted) for < 0,5% THD (for < 5% THD) :	102 (118) dB
Rated impedance:	50 ohms	Powering :	Power supply unit(PSU)
Rated load impedance:	1 kohms	Matching connectors:	Microphone 8PIN, Power supply XLR3F
Equivalent noise level, CCIR1) :	28dB	Weight::	1240g
Equivalent noise level, A-weighted1):	16dB-A	Diameter:	80 mm
Signal-to-noise ratio, CCIR1) (rel. 94 dB SPL):	66 dB	Length:	223 mm

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

