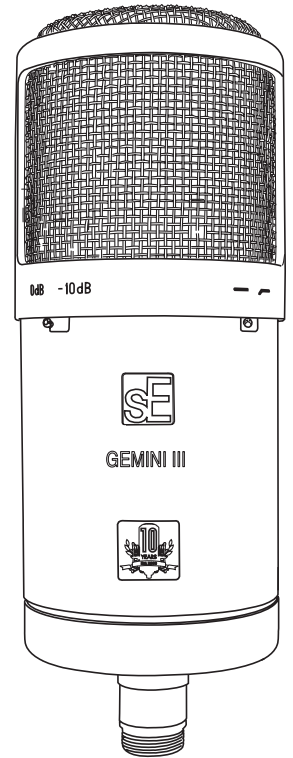




## Gemini III – Technical Information

The Gemini III is an extremely limited edition, multi polar pattern, special release of the Gemini II. Still using the same electronics and dual tube design unique to our Gemini II, the G3 has a dual Gemini capsule giving it Omni, Figure of 8 and Cardioid patterns, switchable from its hand crafted PSU. It's finished in black rubberised paint, bears sE's 10th anniversary metal badge and a hand engraved serial number plate.

Only 333 pieces of the Gemini III will ever be made and shipped in 2010 to celebrate the 10th anniversary of sE Electronics



### Technical Specifications

Acoustical operating principle	Pressure gradient transducer	Typical SPL (tube characteristic) <sup>3)</sup>	K < 0,5 %: 118dB, K < 5 %: 134 dB
Directional pattern:	omni, wide angle cardioid, cardioid, hypercardioid, figure of 8 plus one intermediate position.	Maximum output voltage:	9dBu
Frequency range:	20 Hz ... 20 kHz	Dynamic range of the microphone amplifier (A-weighted):	101(117)dB
Sensitivity at 1 kHz into 1 kohm:	21/22/ 21mV/Pa1)	Powering :	Power supply unit (PSU)
Rated impedance:	50 ohms	Matching connectors:	Microphone 8PIN, Power supply XLR3F
Rated load impedance:	1 kohms	Weight:	1250g
Equivalent noise level, CCIR1) :	27 /28/28 dB1)	Diameter:	80mm
Equivalent noise level, A-weighted1):	16/17/16 dB-A1)	Length:	225mm
Signal-to-noise ratio, CCIR1) (rel. 94 dB SPL):	65/66/ 64dB1)		
Signal-to-noise ratio, A-weighted1) (rel. 94 dB SPL):	76/77/76 dB1)		

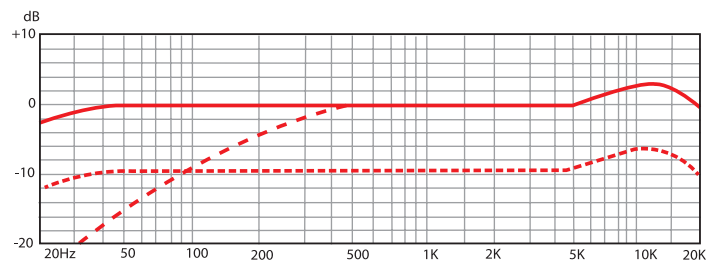
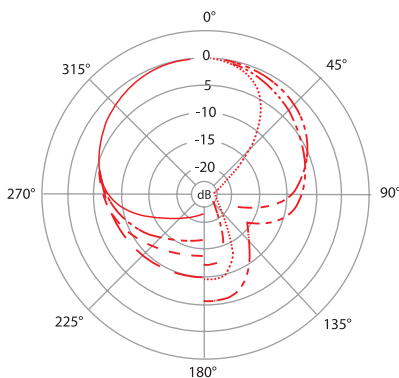
1) According to IEC 60268-1; CCIR-weighting according to CCIR 468-3, quasi peak; A-weighting according to IEC 61672-1, RMS

2) Measured as equivalent el. input signal

### Polar pattern and Frequency Chart

#### Cardioid

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



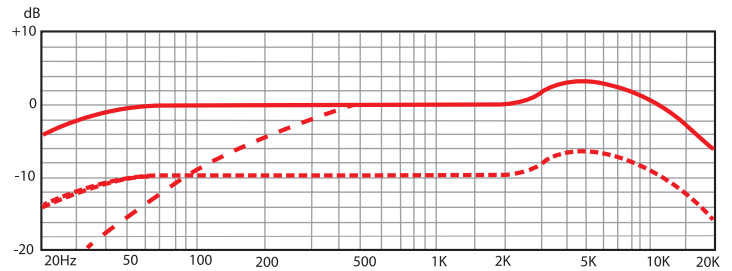
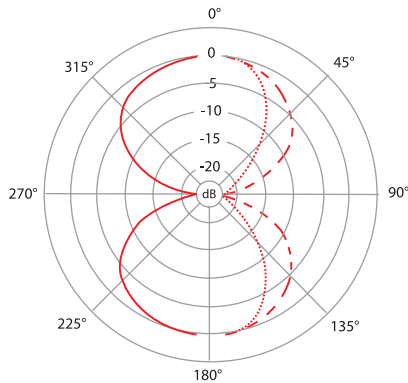


# Gemini III – Technical Information continued

## Polar pattern and Frequency Chart

Figure of 8

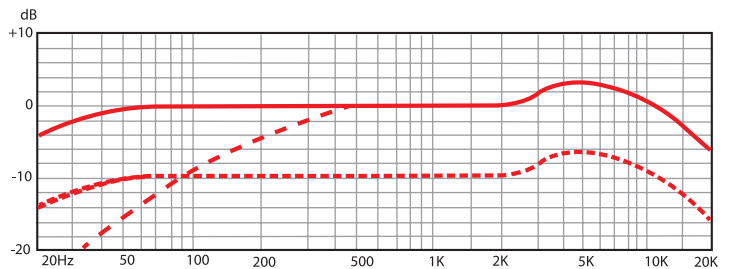
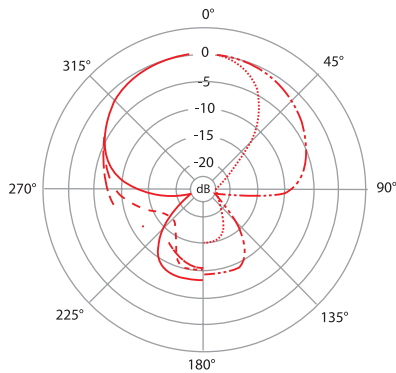
- 125Hz } ————
- 250Hz } ————
- 500Hz } ————
- 1KHz } ————
- 2KHz } - - - - -
- 4KHz } - - - - -
- 8KHz } - - - - -
- 16KHz } ·······



## Polar pattern and Frequency Chart

Supercardioid

- 125Hz } - - - - -
- 250Hz } - - - - -
- 500Hz } ————
- 1KHz } ————
- 2KHz } - - - - -
- 4KHz } - - - - -
- 8KHz } - - - - -
- 16KHz } ·······



## Polar pattern and Frequency Chart

Omni

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

