



7 Specifications

7.1 PERCEPTION 120

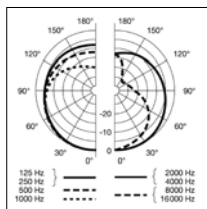
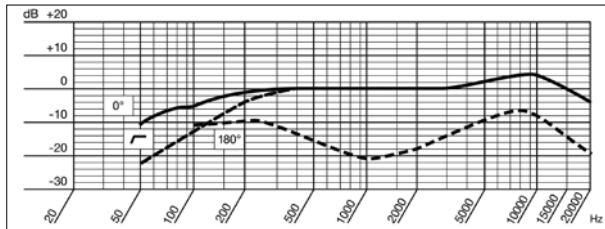
Type:	2/3-inch back electret condenser pressure-gradient microphone
Polar pattern:	cardioid
Open-circuit sensitivity:	18 mV/Pa (-35 dBV)
Frequency range:	20 Hz to 20 kHz (see frequency response trace)
Impedance:	≤ 200 ohms
Recommended load impedance:	≥ 1200 ohms
Equivalent noise level to CCIR 468-2:	32 dB
Equivalent noise level to IEC 60268-4 (A-weighted):	22 dB-A
Signal/noise ratio re 1 Pa (A-weighted):	72 dB
Max. SPL for 0.5% THD:	130 / 150 dB SPL (0 / -20 dB)
Environment:	temperature: -10°C to +60°C R.H.: 80% (+25°C)

Powering:	48 V $\pm$ 4 V phantom power to DIN 45 596 / IEC 268-15
Current consumption:	≤ 2 mA
Connector:	3-pin XLR (pin 2 hot)
Dimensions:	53 dia. x 165 mm high / 2 x 6.5 in.
Net weight:	525 g / 1.2 lbs.
Bass cut filter slope:	12 dB/octave, 300 Hz
Preattenuation pad:	-20 dB (switchable)



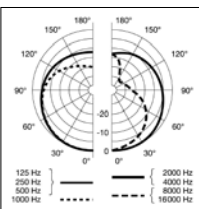
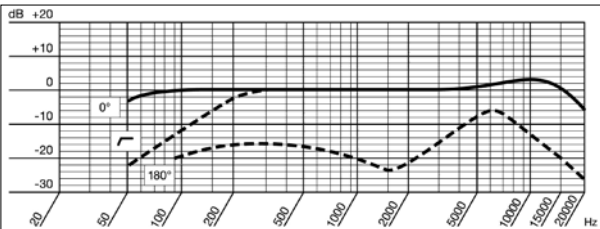
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PERCEPTION 120: Frequency Response



Polar Diagram

PERCEPTION 220: Frequency Response



Polar Diagram