



7.2 PERCEPTION 220

Type:	1-inch large-diaphragm, true 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:	26 dB
Equivalent noise level to IEC 60268-4 (A-weighted):	16 dB-A
Signal/noise ratio re 1 Pa (A-weighted):	78 dB
Max. SPL for 0.5% THD:	135 / 155 dB SPL (0 / -20 dB)
Environment:	temperature: -10°C to +60°C R.H.: 80% (+25°C)

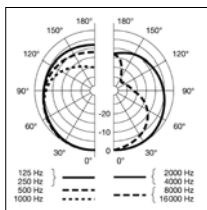
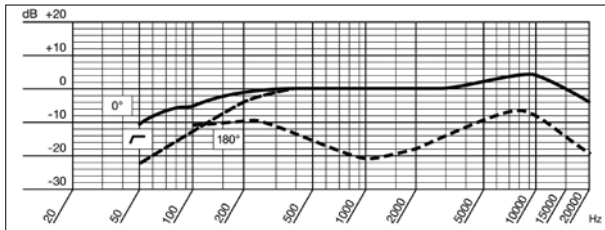
Powering:	48 V ±4 V phantom power to DIN 45 596 / IEC 268-15
Current consumption:	≤ 2 mA
Connector:	3-pin XLR (pin 2 hot)
Dimensions:	53 dia. x 165 mm high / 2 x 6.5 in.
Net weight:	525 g / 1.2 lbs.
Bass cut filter slope:	12 dB/octave, 300 Hz
Preattenuation pad:	-20 dB (switchable)

FCC Statement

The device complies with part 15 of the FCC rules. Operation is subject to the following two conditions:

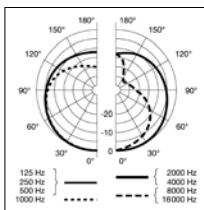
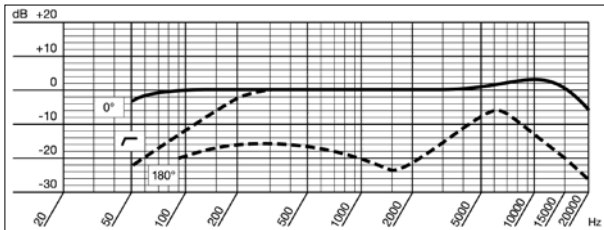
- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

PERCEPTION 120: Frequency Response



Polar Diagram

PERCEPTION 220: Frequency Response



Polar Diagram