



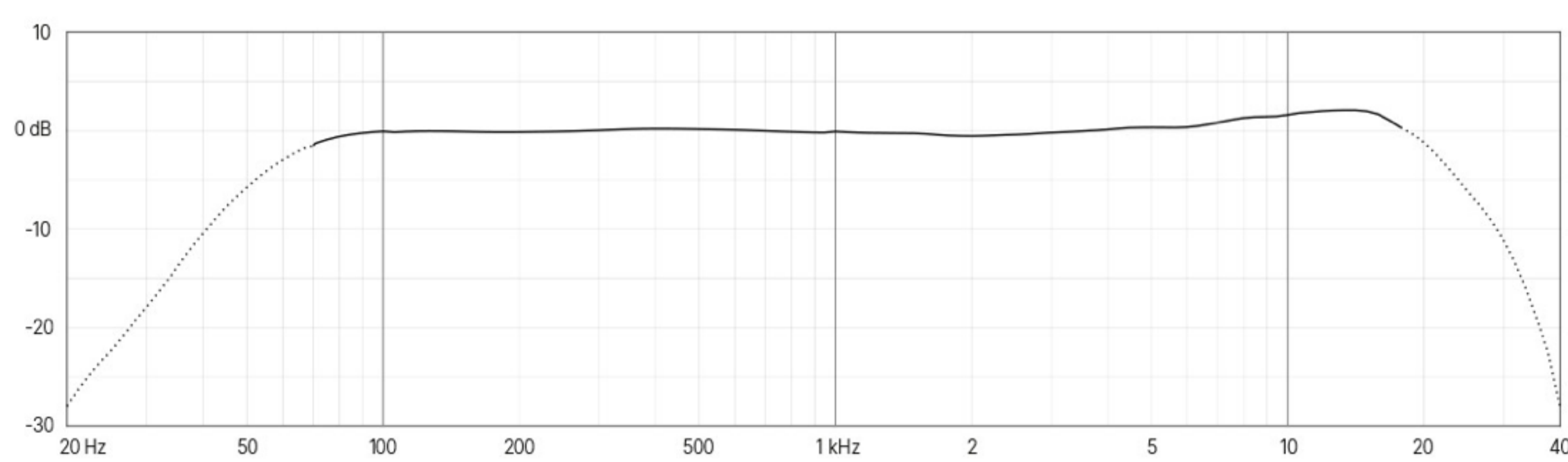
# 2017 Shotgun Microphone

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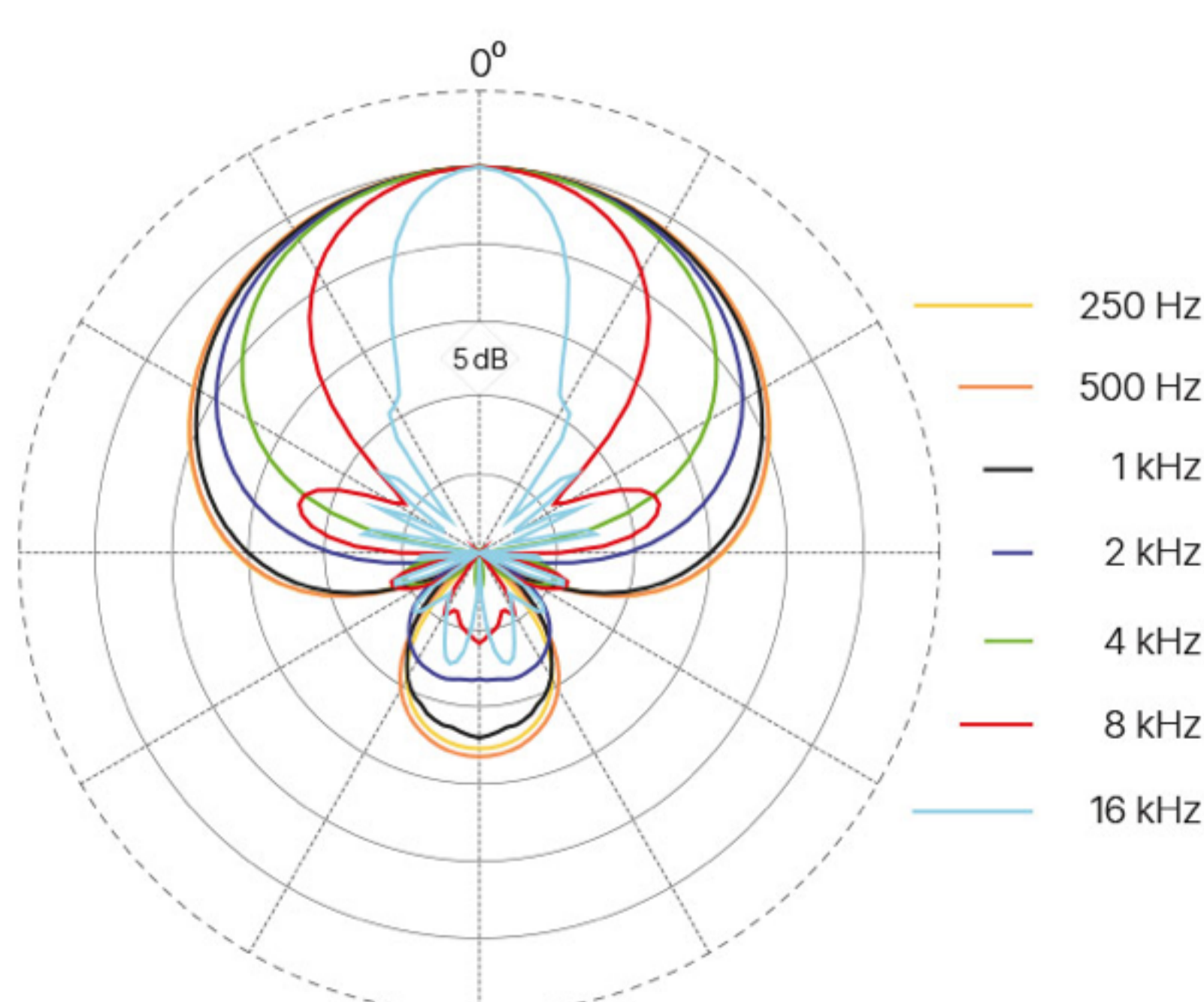
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## Specifications - 2017

<b>Directional pattern</b>	Supercardioid at 1 kHz
<b>Principle of operation</b>	Pressure gradient
<b>Cartridge type</b>	Pre-polarized condenser
<b>Frequency response</b>	20 Hz - 20 kHz
<b>Effective frequency range, ±2 dB, at 60 cm (23.6 in)</b>	70 Hz to 18 kHz with typ. 2 dB soft boost at 15 kHz
<b>Sensitivity, nominal, ±2 dB at 1 kHz</b>	25 mV/Pa (± 2 dB)
<b>Equivalent noise level, A-weighted</b>	Typ. 13 dB(A) re. 20 µPa (max. 15 dB(A))
<b>Distortion, THD &lt; 1%</b>	140 dB SPL (143 dB SPL peak)
<b>Dynamic range</b>	Typ. 130 dB
<b>Max. SPL, THD 10%</b>	145 dB SPL (148 dB SPL peak)
<b>Rated output impedance</b>	60 Ω
<b>Minimum load impedance</b>	2 kΩ
<b>Cable drive capability</b>	100 m (328 ft)
<b>Output balance principle</b>	Impedance balancing with Active Drive
<b>Common mode rejection ratio (CMRR)</b>	> 60 dB
<b>Power supply (for full performance)</b>	P48 (Phantom Power)
<b>Current consumption</b>	1.8 mA
<b>Connector</b>	XLR-3M. Pin 1: shield, Pin 2: signal + phase, Pin 3: - phase
<b>Color</b>	Black
<b>Weight</b>	115 g
<b>Microphone diameter</b>	19 mm (0.75 in)
<b>Capsule diameter</b>	17 mm (0.67 in)
<b>Microphone length</b>	184 mm (7.2 in)
<b>Maximum output voltage, RMS</b>	8.7 V (21 dBu)
<b>Polarity</b>	+V at pin 2 for positive sound pressure
<b>Temperature range</b>	-40°C to 45°C
<b>Relative humidity (RH)</b>	Up to 90 %
<b>Capsule capacitance</b>	315 g



Typical on-axis response of a 2017 measured at 60 cm (23.6 in)



Typical directional characteristics of a 2017