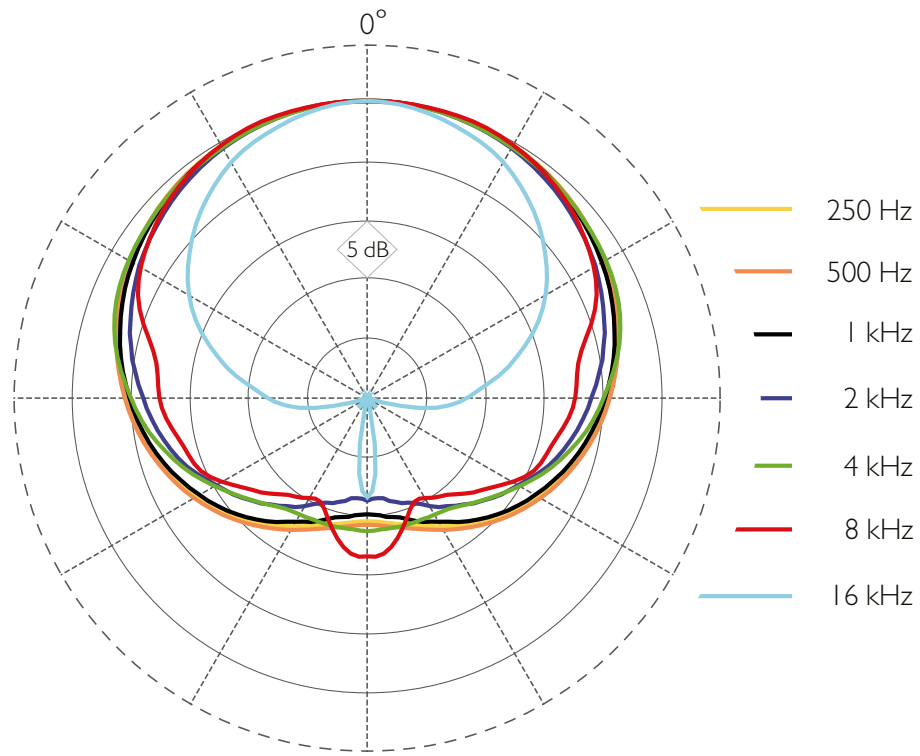


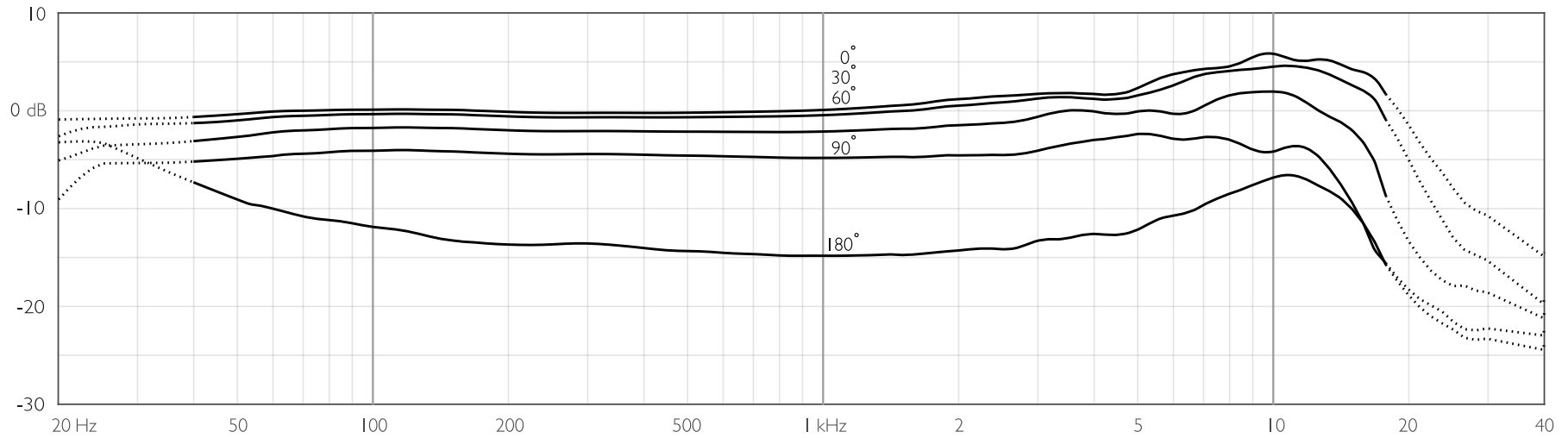


# 4055 specifications

<b>Directional pattern</b>	Open Cardioid
<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, <math>\pm 2</math> dB, at 20 cm (7.9 in)</b>	40 Hz - 18 kHz with a 6 dB soft boost at 10 kHz
<b>Sensitivity, nominal, <math>\pm 2</math> dB at 1 kHz</b>	2 mV/Pa; -54 dB re. 1 V/Pa
<b>Equivalent noise level, A-weighted</b>	Typ. 27 dB(A) re. 20 $\mu$ Pa (max. 29 dB(A))
<b>Equivalent noise level, ITU-R BS.468-4</b>	Typ. 39 dB (max. 41 dB)
<b>Distortion, THD &lt; 1%</b>	156dB SPL RMS, 159 dB SPL peak
<b>Dynamic range</b>	Typ. 132 dB
<b>Max. SPL, THD 10%</b>	164 dB SPL peak
<b>Rated output impedance</b>	380 $\Omega$
<b>Minimum load impedance</b>	2 k $\Omega$
<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>	> 55 dB
<b>Power supply (for full performance)</b>	P48 (Phantom Power)
<b>Current consumption</b>	2.0 mA
<b>Connector</b>	XLR-3M. Pin 1: shield, Pin 2: signal + phase, Pin 3: - phase
<b>Color</b>	Matte black
<b>Weight</b>	241 g (8.5 oz)
<b>Microphone diameter</b>	57 mm (2.24 in)
<b>Capsule diameter</b>	17 mm (0.67 in)
<b>Microphone length</b>	132 mm (5.19 in)
<b>Maximum output voltage, RMS</b>	9.75 V
<b>Polarity</b>	+V at pin 2 for positive sound pressure
<b>Temperature range</b>	-40°C to 45°C (-40°F to 113°F)
<b>Relative humidity (RH)</b>	Up to 90%



Typical directional characteristics of a 4055 Kick Drum Microphone



Typical on-and-off-axis frequency response of a 4055 Kick Drum Microphone measured at 20 cm (7.9 in)