



## 2017 Shotgun Microphone



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## TABLE OF CONTENTS

**Specifications - 2017**

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**1**

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<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, <math>\pm 2</math> 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, <math>\pm 2</math> dB at 1 kHz</b>	25 mV/Pa ( $\pm 2$ dB )
<b>Equivalent noise level, A-weighted</b>	Typ. 13 dB(A) re. 20 $\mu$ Pa (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 $\Omega$
<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) &gt; 60 dB</b>	
<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)

**Capsule diameter** 17 mm (0.67 in)

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**Microphone length** 184 mm (7.2 in)

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**Maximum output voltage, RMS** 8.7 V (21 dBu)

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**Polarity** +V at pin 2 for positive sound pressure

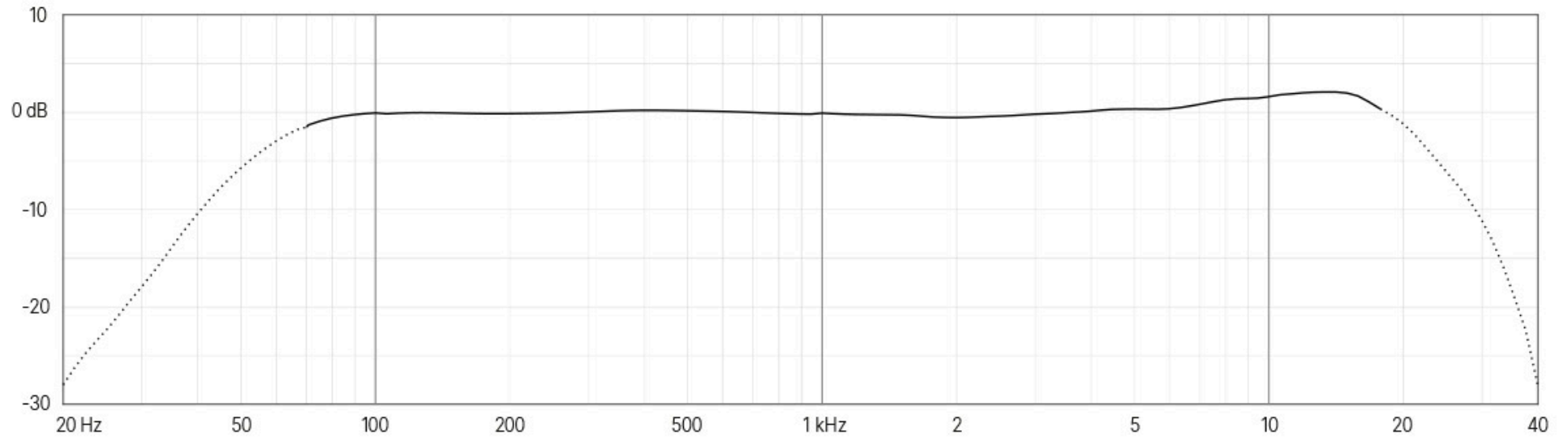
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**Temperature range** -40°C to 45°C

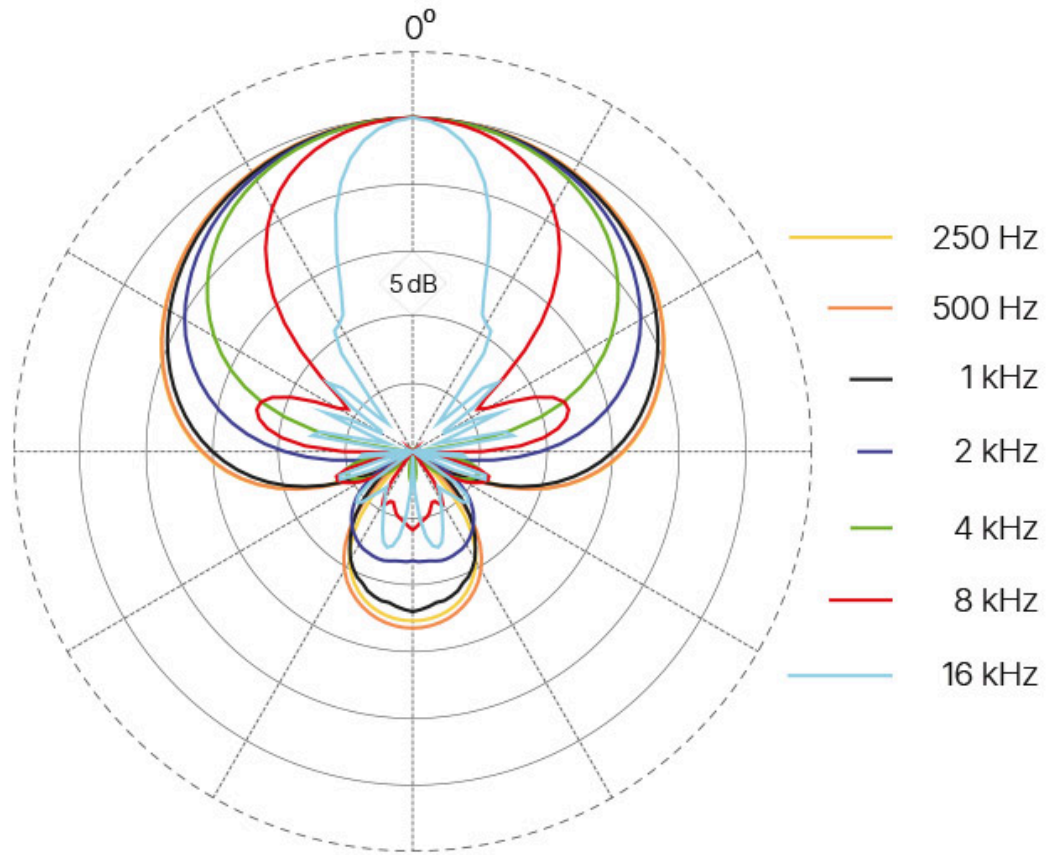
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**Relative humidity (RH)** Up to 90 %

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



Typical directional characteristics of a 2017