



2017 Shotgun Microphone

TABLE OF CONTENTS

Specifications - 2017	1
-----------------------	---

Specifications - 2017

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

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

Typical directional characteristics of a 2017