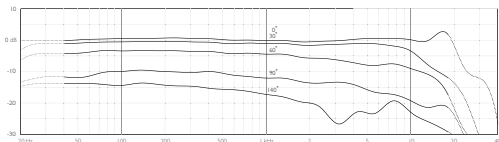


4017C Shotgun Microphone

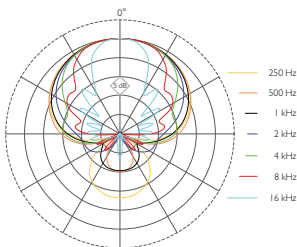
A combination of the MMC4017 microphone capsule and the MMP-C preamplifier, the 4017C Shotgun Microphone is part of the Pencil Microphone Series.

Performance

The supplied calibration chart shows the specially tailored individual frequency response of the MMC4017 capsule, measured with a linear MMP-C preamp.



Typical on- and off-axis frequency response of MMC4017



Typical directional characteristics of an MMC4017

dpamicrophones.com/4017

Service & repair

If you are not satisfied with the characteristics exhibited by this product, please contact your nearest DPA Microphones representative for support.

Warranty

4017C is covered by a five-year limited warranty.

CE marking

This product conforms with all relevant directives approved by the European Commission.

Specifications

Directional pattern

Supercardioid, lobe-shaped

Principle of operation

Pressure gradient, with interference tube

Capsule type

Pre-polarized condenser

Frequency response

20 Hz to 20 kHz

Effective frequency range, ± 2 dB, at 60 cm (23.6 in)

40 Hz to 18 kHz with typ. 3 dB soft boost at 15 kHz

Sensitivity, nominal, ± 2 dB at 1 kHz

19 mV/Pa, -34.4 dB re 1 V/Pa

Equivalent noise level, A-weighted

Typ. 13 dB(A) re. 20 μ Pa (max. 15 dB(A))

Rated output impedance

< 100 Ω

Output balance principle

Impedance balancing with Active Drive

Common Mode Rejection Ratio (CMRR)

> 50 dB

Power supply (for full performance)

P48 (Phantom power)

Current consumption

2.8 mA

Polarity

+V at Pin 2 for positive sound pressure

Connector

XLR-3M. Pin 1: Shield, Pin 2: signal + phase, Pin 3: signal - phase

Weight

40 g (2.5 oz)

Temperature range

-40 °C to 45 °C (-40 °F to 113 °F)

Relative humidity

Up to 90%