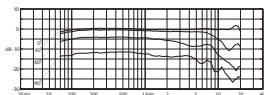


d:dicate™ 4017B Shotgun Microphone

A combination of the MMC4017 Microphone Capsule and the MMP-B Preamplifier with filters, this mic is part of d:dicate™ Recording Microphone series.

Performance

The supplied calibration chart shows the specially tailored individual frequency response of the MMC4017 Microphone Capsule, measured with a linear MMP-B Preamplifier.



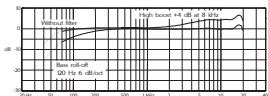
Typical on- and off-axis frequency responses of d:dicate™ 4017B Shotgun (MMC4017+MMP-B).

Filters

d:dicate™ 4017B Shotgun features a permanent third-order 50 Hz low cut and two switchable filters which are controlled at the swichtable rings. No tools are needed to activate the filters, use fingers only.

High boost: a 4 dB boost at 8 kHz.

Low cut: a first order (6 dB/oct) bass roll-off below 120 Hz.



Frequency responses of switching on 4017B.

d p a microphones.com / 4017B

Service & repair

If you are not satisfied with the characteristics exhibited by this product, please go to www.dpamicrophones.com/service for instructions.

Warranty

The d:dicate™ 4017B Shotgun Microphone is covered by a five-year limited warranty.

CE marking

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

Specifications

Directional pattern

Supercardioid, lobe-shaped

Principle of operation

Pressure gradient, with interference tube

Cartridge type

Pre-polarized condenser

Frequency range

20 Hz - 20 kHz

Frequency range, ± 2 dB

70 Hz - 20 kHz at 60 cm (2 ft)

Sensitivity, nominal, ± 2 dB at 1 kHz

19 mV/Pa; -34.4 dB re. 1 V/Pa

Equivalent noise level, A-weighted

Typ. 14 dB(A) re. 20 μ Pa (max. 15 dB(A))

Switchable filters

High boost, low cut

Output impedance

< 150 Ω

Output balance principle

Signal balanced

Common Mode Rejection Ratio (CMRR)

> 40 dB

Power supply

48 V Phantom power (± 4 V)

Current consumption

4.5 mA

Polarity

+V at Pin 2 for positive sound pressure

Connector

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

Weight

68 g (2.4 oz)

Operating temperature range

-40 to 45°C (-40 to 113°F)

Relative humidity

Up to 90%