

d:dicate™ 4017ER Shotgun Microphone, Rear cable
d:dicate™ 4017ES Shotgun Microphone, Side cable

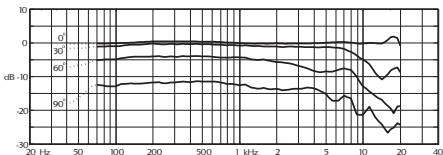
A combination of the MMC4017 Microphone Capsule and the MMP-E modular active cable, this mic is part of the modular d:dicate™ Recording Microphone series.

Suspension mount

Suspend the mic in the mount by securing the hook around the notch on the preamp. Subsequently twist the cable in the spiral-shaped end of the mount. This allows the Microphone to hang in its own cable and be adjusted to any direction by bending the boom.

With each d:dicate™ Microphone Capsule, comes a unique calibration chart that shows the exact frequency response of the purchased Capsule measured with a linear MMP-A Preamplifier.

Typical on- and off-axis frequency responses for a MMC4017 at 30 cm (1 ft):



d p a microphones.com / 4017E

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™ 4017ER-4017ES 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, at 30 cm

40 Hz - 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))

Max. SPL, peak before clipping

142 dB

Output impedance

100 Ω

Minimum load impedance

2 k Ω

Cable drive capability

100 m (328 ft)

Output balance principle

Signal balanced

Common Mode Rejection Ratio (CMRR)

> 40 dB

Power supply

48 V Phantom power (± 4 V)

Current consumption

3.5 mAe

Connector

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

Weight

109 g (3.8 oz)

Polarity

+V at Pin 2 for positive sound pressure

Operating temperature range

-40 to 45°C (-40 to 113°F)

Relative humidity

Up to 90%