

d:dicate™ 4018ER Supercardioid Microphone, Rear cable
d:dicate™ 4018ES Supercardioid Microphone, Side cable

A combination of the MMC4018 Microphone Capsule and the MMP-E modular active cable, the 4018E is part of the modular d:dicate™ Recording Microphones series. At any time and with no tools necessary it is possible to transform the basic 4018E microphone into a new configuration by combining it with another d:dicate™ Microphone Capsule or Preamplifier.

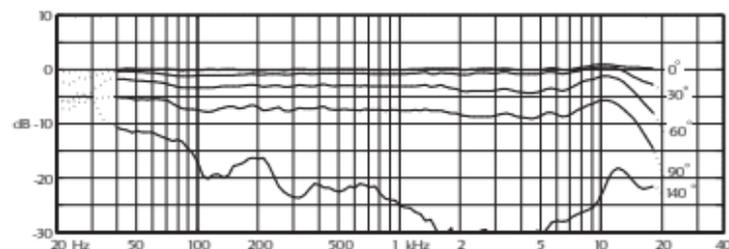
Suspension mount & windscreen

Suspend the mic in the mount by securing the hook around the notch on the Preamplifier. 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.

Mount the foam windscreen on the mic head whenever used outdoors or in air turbulent situations such as close miking voice in order to prevent wind or pop noise.

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 preamp.

Typical on- and off-axis frequency responses for a MMC4018 at 30 cm (1 ft):



dpamicrophones.com / 4018E

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™ 4018ER-4018ES Supercardioid 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

Principle of operation

Pressure gradient

Cartridge type

Pre-polarized condenser

Frequency range

20 Hz - 20 kHz

Frequency range, ± 2 dB, at 30 cm

40 Hz - 18 kHz

Sensitivity, nominal, ± 2 dB at 1 Hz

12 mV/Pa; -38.4 dB re. 1 V/Pa

Equivalent noise level, A-weighted

Typ. 16 dB(A) re. 20 μ Pa (max. 19 dB)

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

Impedance balancing

Common Mode Rejection Ratio (CMRR)

> 40 dB

Power supply

48 V Phantom power (± 4 V)

Current consumption

3.5 mA

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

Temperature range

-40 to 45 $^{\circ}$ C (-40 to 113 $^{\circ}$ F)

Relative Humidity (RH)

Up to 90%