

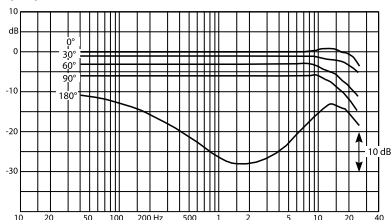
d:dicate™ 4011A Cardioid Microphone

A combination of the MMC4011 Microphone Capsule and the MMP-A Preamplifier, this mic is part of d:dicate™ Recording Microphone series.

Performance

The supplied calibration chart shows the specially tailored individual frequency response of the MMC4011 Microphone Capsule, measured with a linear MMP-A Preamplifier.

Typical on- and off-axis frequency responses of MMC4011 at 30 cm (1 ft) distance:



Attenuation pad

The MMP-A Preamplifier has a 20 dB attenuation push-switch at the XLR connector. Use a pencil or the like to activate the attenuator and lower output by 20 dB.



d p a microphones.com / 4011A

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™ 4011A Cardioid 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

Cardioid

Principle of operation

Pressure gradient

Cartridge type

Pre-polarized condenser

Frequency range

20 Hz - 20 kHz

Frequency range, ± 2 dB

40 Hz - 20 kHz

Sensitivity, nominal, ± 2 dB at 1 kHz

10 mV/Pa; -40 dB re. 1 V/Pa

Equivalent noise level, A-weighted

Typ. 18 dB(A) re. 20 μ Pa (max. 20 dB)

Switchable attenuator

0 dB / -20 dB

Output impedance

< 200 Ω

Output balance principle

Impedance balancing with Active Drive

Common Mode Rejection Ratio (CMRR)

> 60 dB

Power supply

48 V Phantom power (± 4 V)

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: - phase

Weight

158 g (5.6 oz)

Operating temperature range

-40 to 45°C (-40 to 113°F)

Relative humidity

Up to 90%