

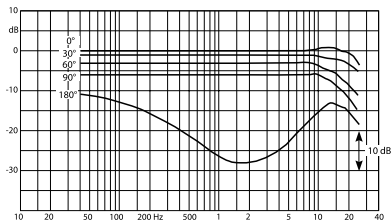
## d:dicate™ 4011A Cardioid Microphone

A combination of the MMC401 I 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 MMC401 I Microphone Capsule, measured with a linear MMP-A Preamplifier.

Typical on- and off-axis frequency responses of MMC401 I 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.



[dpamicrophones.com / 4011A](http://dpamicrophones.com/4011A)

#### Service & repair

If you are not satisfied with the characteristics exhibited by this product, please go to [www.dpamicrophones.com/service](http://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, $\pm 2$ dB

40 Hz - 20 kHz

## Sensitivity, nominal, $\pm 2$ dB at 1 kHz

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

## Equivalent noise level, A-weighted

Typ. 18 dB(A) re. 20  $\mu$ Pa (max. 20 dB)

## Switchable attenuator

0 dB / -20 dB

## Output impedance

< 200  $\Omega$

## Output balance principle

Impedance balancing with Active Drive

## Common Mode Rejection Ratio (CMRR)

> 60 dB

## Power supply

48 V Phantom power ( $\pm 4$  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%