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.

dpamicrophones.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 µPa (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%