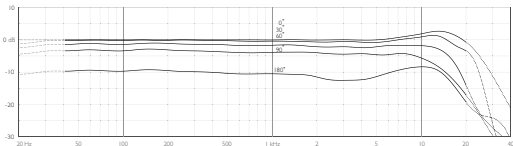


4015A Wide Cardioid Microphone

A combination of the MMC4015 microphone capsule and the MMP-A preamplifier, the 4015A wide cardioid mic is part of the modular DPA Pencil Mic Series.

Performance

The supplied calibration chart shows the specially tailored individual frequency response of the MMC4015 capsule, measured with a linear MMP-A preamp.



Typical on- and off-axis frequency responses of MMC4015 at 60 cm (2 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 the output by 20 dB.

dpamicrophones.com/4015A

Service & repair

If you are not satisfied with the characteristics exhibited by this product, please contact your nearest DPA Microphones representative for support.

Warranty

4015A is covered by a five-year limited warranty.

CE marking

This product conforms with all relevant directives approved by the European Commission.

Specifications

Directional pattern

Wide cardioid

Principle of operation

Pressure gradient

Capsule type

Pre-polarized condenser

Frequency response

20 Hz to 20 kHz

Effective frequency range, ± 2 dB, at 60 cm (23.6 in)

40 Hz to 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, filters etc.

0 / -20 dB

Rated output impedance

< 200 Ω

Output balance principle

Impedance balancing with Active Drive

Common Mode Rejection Ratio (CMRR)

> 60 dB

Power supply (for full performance)

P48 (Phantom Power)

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 °C to 45 °C (-40 °F to 113 °F)

Relative humidity

Up to 90%