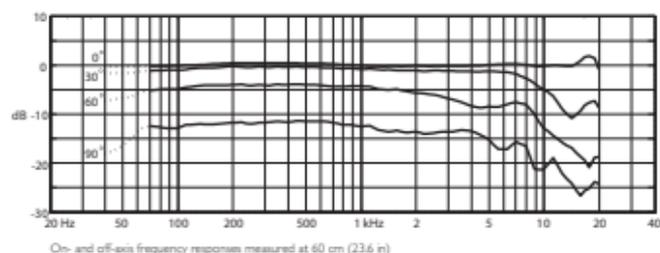


## d:dicat<sup>TM</sup> 4017C Shotgun Microphone

A combination of the MMC4017 Microphone Capsule and the MMP-C Preamplifier with filters, this mic is part of d:dicat<sup>TM</sup> Recording Microphone series.

### Performance

The supplied calibration chart shows the specially tailored individual frequency response of the MMC4017 Microphone Capsule, measured with a linear MMP-A Preamplifier.



Typical on- and off-axis frequency responses of MMC4017.

**d p a** microphones.com / 4017C

#### 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:dicat<sup>TM</sup> 4017C Shotgun 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, lobe-shaped

## **Principle of operation**

Pressure gradient, with interference tube

## **Cartridge type**

Pre-polarized condenser

## **Frequency range**

20 Hz - 20 kHz

## **Frequency range, $\pm 2$ dB**

70 Hz - 20 kHz at 60 cm (2 ft)

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

19 mV/Pa; -34.4 dB re. 1 V/Pa

## **Equivalent noise level, A-weighted**

Typ. 13 dB(A) re. 20  $\mu$ Pa (max. 15 dB(A))

## **Output impedance**

< 150  $\Omega$

## **Output balance principle**

Signal balanced

## **Common Mode Rejection Ratio (CMRR)**

> 40 dB

## **Power supply**

48 V Phantom power ( $\pm 4$  V)

## **Current consumption**

4.5 mA

## **Polarity**

+V at Pin 2 for positive sound pressure

## **Connector**

XLR-3M. Pin 1: shield, Pin 2: signal + phase, Pin 3: - phase

## **Weight**

68 g (2.4 oz)

## **Operating temperature range**

-40 to 45°C (-40 to 113°F)

## **Relative humidity**

Up to 90%