

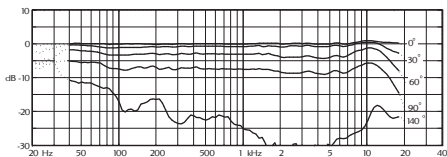
## d:dicat<sup>TM</sup> MMC4018 Supercardioid Microphone Capsule

Combine this Microphone Capsule with any Preamplifier from the d:dicat<sup>TM</sup> Recording Microphones series. At any time and with no tools necessary it is possible to transform the basic MMC4018 Capsule into a new configuration by combining it with another d:dicat<sup>TM</sup> Microphone Preamplifier.

### Performance

The supplied calibration chart shows the individual frequency response of the MMC4018 Capsule, measured with a linear MMP-A Preamplifier.

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



**dpa**microphones.com / MMC4018

#### 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> MMC4018 Supercardioid Microphone Capsule is covered by a five-year limited warranty.

#### CE marking

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

# MMC4018

All specifications measured with the MMP-A Preamplifier

## **Directional pattern**

Supercardioid

## **Principle of operation**

Pressure gradient

## **Cartridge type**

Pre-polarized condenser

## **Frequency range**

20 Hz - 20 kHz

## **Frequency range, $\pm 2$ dB, at 30 cm**

40 Hz - 18 kHz

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

12 mV/Pa

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

Typ. 16 dB(A) re. 20  $\mu$ Pa (max. 19 dB(A))

## **S/N ratio (A-weighted), re. 1 kHz at 1 Pa (94 dB SPL)**

Typ. 78 dB(A)

## **Weight**

18 g (0.6 oz)

## **Diameter**

19 mm (0.75 in)

## **Capsule size**

19 mm (0.75 in)

## **Length**

23 mm (0.9 in)

## **Temperature range**

-40 to 45 °C (-40 to 113 °F)

## **Relative Humidity (RH)**

Up to 90%