

#### MMC2011, MMC2011 Twin Diaphragm Cardioid Microphone Capsule

Twin Diaphragm Capsule: cutting edge technology  
The overall distinctive sound image from the DPA miniatures is so well balanced that it meets the high demands of the DPA Reference Standard league.

In a 2011 capsule two opposite facing miniature capsules are custom re-built into a double diaphragm, one-capsule composition.

The use and control of interference tubes has become a DPA specialty and the 2011 is no exception. The capsules are loaded to the supreme Reference Standard preamps instead of the tiny miniature FET preamp from the 4060 miniature series, offering even more air and precision.  
Modular flexibility

The MMC2011 capsule is part of the flexible DPA Reference Standard series. The 2011A with the MMP-A preamplifier is the audiophile's choice with low distortion and total accurate and faithful sound, where the 2011C with the MMP-C compact preamplifier offers a subtle character alteration with a bit more "body" to the low end – in addition to its easier-to-position approach.

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For more information please visit:  
[www.dpamicrophones.com](http://www.dpamicrophones.com)

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## Directional pattern:

Cardioid

## Principle of operation:

Pressure gradient, with interference tube

## Cartridge type:

Pre-polarized condenser, Twin Diaphragm Capsule

## Frequency range:

20 Hz to 20 kHz

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

50 Hz to 17 kHz with 3 dB soft boost at 12 kHz

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

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

## Equivalent noise level, A-weighted:

Typ. 20 dB(A) re. 20  $\mu$ Pa (max. 23 dB(A))

## Equivalent noise level, ITU-R BS.468-4:

Typ. 33 dB (max. 36 dB)

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

Typ. 74 dB(A)

## Color:

Matte black

## Weight:

24 g (0.8 oz)

## Diameter:

19 mm (0.75 in)

## Length:

51 mm (2.0 in)

## Temperature range:

-40 °C to 45 °C (-40 °F to 113 °F)

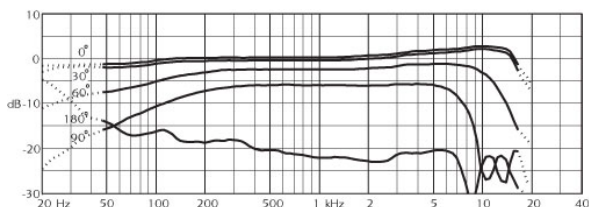
## Relative Humidity (RH):

Up to 90%

## Diagrams

### MMC2011, MMC2011 Twin Diaphragm Cardioid Microphone Capsule

#### Frequency response at five angles: DPA MMC2011 Twin Diaphragm Cardioid Microphone Capsule



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