

# d:dicate™ 4018F Supercardioid Microphone

For podium/table/hanging/floor stand applications



## Key features

- Extremely low noise and natural voice
- Highly directional for high isolation
- Most controlled supercardioid shape
- Uniform, frequency independent directionality
- Ultimate podium or floor mic
- Modular flexibility

## Configurations

The d:dicate™ 4018F Supercardioid Microphone is available in many variants.

Color: black  
Connector: XLR

Lengths: The mic is supplied in standard lengths\* ranging from 20 cm (8 in) to 122 cm (48 in):

- 20 cm (8 in) all gooseneck
- 32 cm (13 in) top gooseneck only
- 47 cm (18 in) top and bottom gooseneck
- 77 cm (30 in) top gooseneck only
- 122 cm (48 in) top gooseneck only

\* Lengths above include XLR connector and MMC4018 capsule. Custom variants in terms of lengths and gooseneck options are available on request.

## Specifications

### 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 (12 in) distance

40 Hz - 18 kHz

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

12 mV/Pa; -38.4 dB re. 1 V/Pa

### Equivalent noise level, A-weighted

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

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

Typ. 23 dB

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

Typ. 78 dB(A)

### Total harmonic distortion (THD)

< 1% up to 137 dB SPL peak

### Dynamic range

Typ. 121 dB

### Max. SPL, peak before clipping

142 dB

### Output impedance

100  $\Omega$

### Cable drive capability

Up to 100 m (328 ft)

### Output balance principle

Impedance balancing

### Common mode rejection ratio (CMRR)

> 40 dB

### Power supply (for full performance)

48 V phantom power  $\pm 4$  V

### Current consumption

3.5 mA

### Connector

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

### Color

Matte black

### Polarity

+V at pin 2 for positive sound pressure

### Temperature range

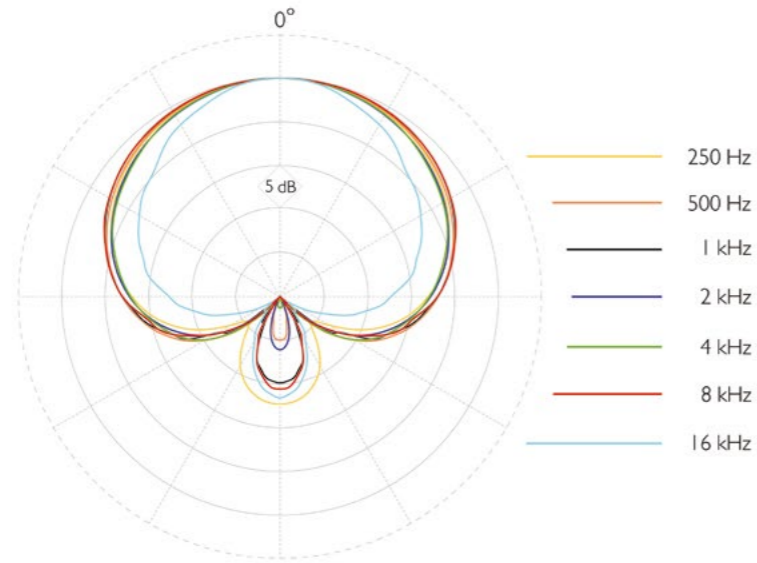
-40°C to 45°C (-40°C to 113°C)

### Relative humidity (RH)

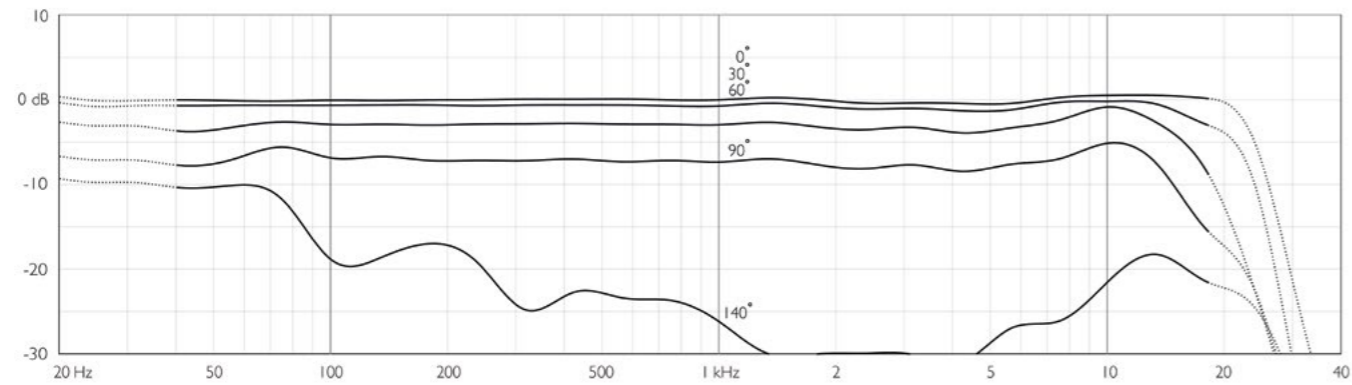
Up to 90%

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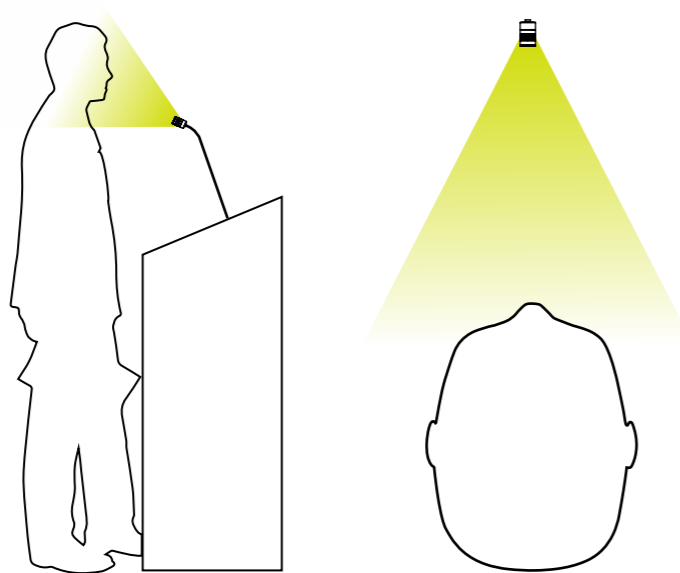


Typical directional characteristics of a dscreet™ 4018F Supercardioid Microphone



Typical on- and off-axis response of a d:dicate™ 4018F Supercardioid Microphone measured at 30 cm (12 in)

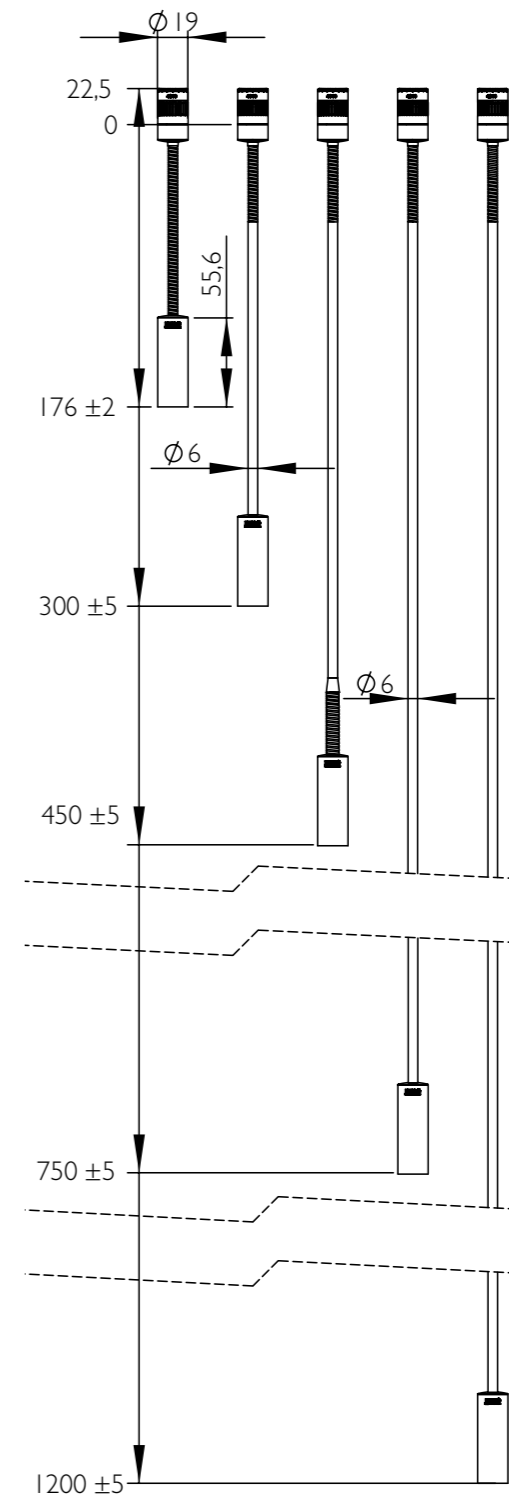
**Coverage area**



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**Dimensions drawing** (in mm)



**Accessories included**

- MMC4018 Supercardioid Microphone Capsule
- MMP-F Modular Active Boom
- UA0639 Clip for d:dicate™
- DUA0020 Foam Windscreen Ø19 mm (0.75 in), length 56 mm (2.2 in)

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## Optional accessories

For podium/table/hanging/floorstand applications



MMP-FGS Floor Stand with Modular Active Boom, Single



MMP-FGT Floor Stand with Modular Active Boom, Twin



MMC4018 Super Cardioid Microphone Capsule



MMC4011 Cardioid Microphone Capsule



MMC2011 Twin Diaphragm Cardioid Microphone Capsule



DUA0020 Foam Windscreen



DAO4010 Microphone Cable with Slim XLR Connector



KM29376 K&M Table Base



TSM4001 Table Shock Mount  
\*See drawing on page 5

- MMP-FGS/ FJS Floor Stand with Modular Active Boom, Single
- MMP-FGT Floor Stand with Modular Active Boom, 120 cm (47.2 in), Twin
- MMP-F Modular Active Boom , 18 cm (7 in), 30 cm (12 in), 45 cm (18 in), 75 cm (30 in) or 120 cm (47 in)
- MMC4011 Cardioid Microphone Capsule
- MMC2011 Twin Diaphragm Cardioid Microphone Capsule
- MMC4007 Omnidirectional Microphone Capsule, 12 mm (0.5 in)
- MMC2006 Twin Diaphragm Omnidirectional Capsule
- MMC4015 Wide Cardioid Microphone Capsule
- MMC4017 Shotgun Microphone Capsule
- DUA0020 Foam Windscreen Ø19 mm (0.75 in), Length 56 mm (2.2 in)
- DUA0028 Foam Windscreen Ø19 mm (0.75 in), Length 72 mm (2.8 in) (for MMC2011 only)
- DAO4010 Microphone Cable with Slim XLR Connector, 10 m (33 ft)
- DAO4020 Microphone Cable with Slim XLR Connector, 20 m (66 ft)
- SJS4001 Swivel Joint, Single
- SJT4001 Swivel Joint, Twin
- DUA0250 Floor Base, Ø250 mm (9.8 in)
- KM29375 K&M Table Base with switch
- KM29376 K&M Table Base
- TSM4001 Table Shock Mount

## TSM4001 Table Shock Mount

The Table Shock Mount is a fixed microphone mount that offers the best shock rejection available of any integrated podium/table mount. It is optimized for the weight and dimensions of our d:screet™ and d:dicate™ Microphones and mic boom poles.

Vertical softness absorbs handling vibration. Horizontal movements are controlled to prevent the podium boom from touching the mount.

The Table Shock Mount is designed to match the sleek Scandinavian look of our d:screet™ and d:dicate™ Microphones.

## Dimension drawings (in mm)

