

d:dicateTM 4018F Supercardioid Microphone For podium/table/hanging/floor stand applications



Specifications

Directional pattern

Supercardioid

Principle of operation

Pressure gradient

Cartridge type

Pre-polarized condenser

Frequency range

20 Hz - 20 kHz

Frequency range, ±2 dB, at 30 cm (12 in) distance

40 Hz - 18 kHz

Sensitivity, nominal, ±2 dB at I kHz

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

Equivalent noise level, A-weighted

Typ. 16 dB(A) re. 20 μPa (max. 19 dB(A))

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

Typ. 23 dB

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

Typ. 78 dB(A)

Total harmonic distortion (THD)

< 1% up to 137 dB SPL peak

Typ. 121 dB

Dynamic range

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

Max. SPL, peak before clipping

142 dB

Output impedance

100 Ω

Cable drive capability

Up to 100 m (328 ft)

Output balance principle

Impedance balancing

Common mode rejection ratio (CMRR)

Power supply (for full performance)

48 V phantom power ±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)

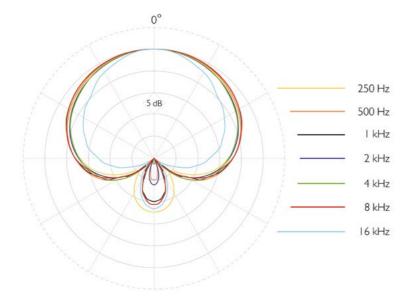
Relative humidity (RH)

Up to 90%

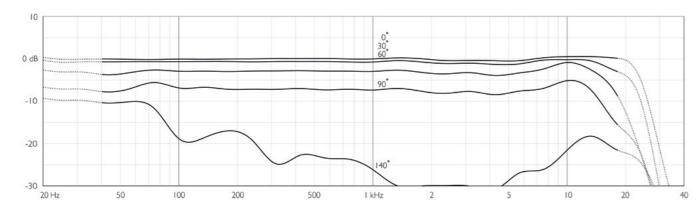
^{*} Lengths above include XLR connector and MMC4018 capsule. Custom variants in terms of lengths and gooseneck options are available on request.

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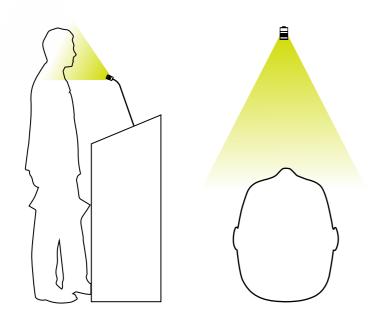


Typical directional characteristics of a d:screet™ 4018F Supercardioid Microphone



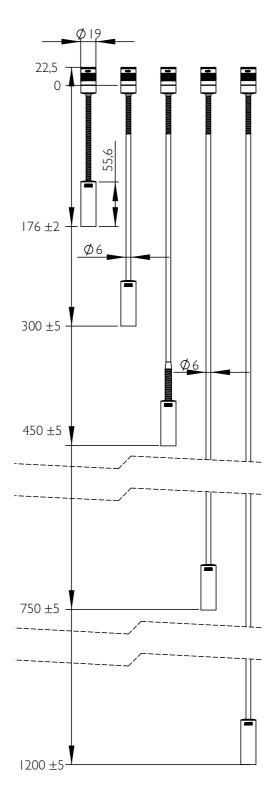
Typical on- and off-axis response of a d:dicate™ 4018F Supercardioid Microphone measured at 30 cm (12 in)

Coverage area



d:dicateTM 4018F Supercardioid Microphone For podium/table/hanging/floor stand applications

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/ 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.

