



d:facto™ 4018 Vocal Microphone

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Specifications - d:facto 4018V

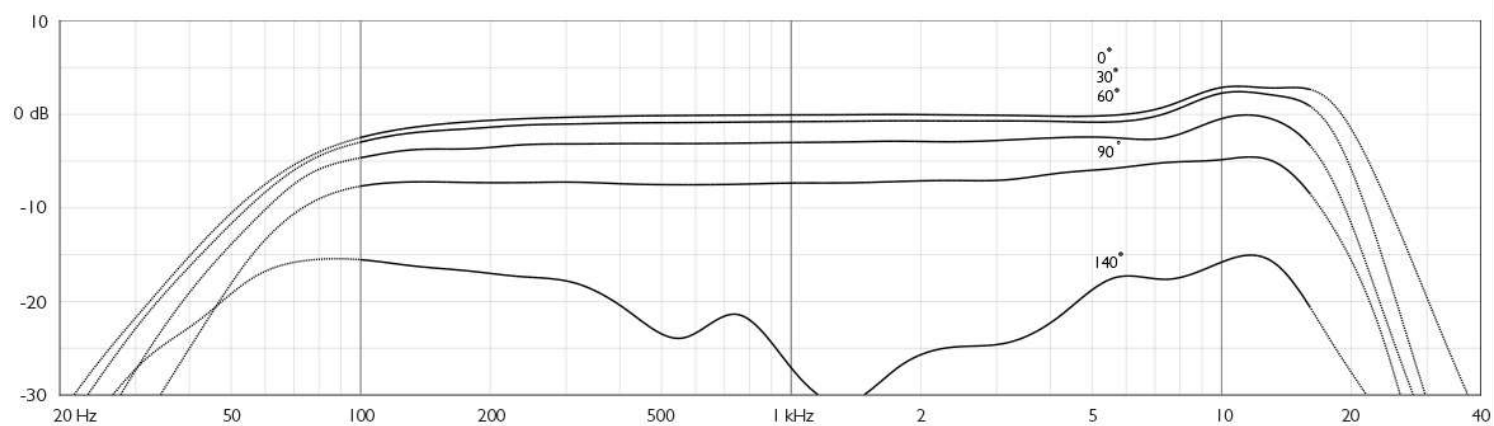
Directional pattern	Supercardioid
Principle of operation	Pressure gradient
Cartridge type	Pre-polarized condenser
Frequency response	20 Hz - 20 kHz

Effective frequency range ± 2 dB, at 12 40 Hz - 16 kHz with 3 dB soft boost at 12 kHz
cm (4.7 in)

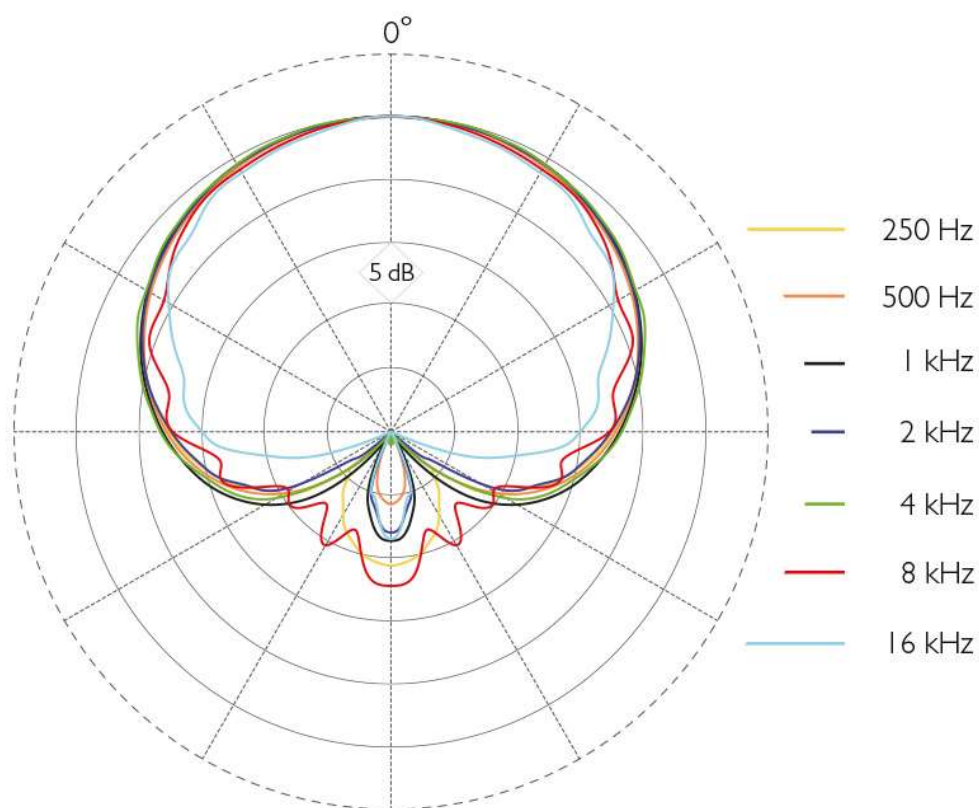
Sensitivity, nominal, ± 2 dB at 1 kHz	5 mV/Pa; -46 dB re. 1 V/Pa 2 mV/Pa; -54 dB re. 1 V/Pa with Adapter for wireless
Equivalent noise level, A-weighted	Typ. 19 dB(A) re. 20 μ Pa (max. 21 dB(A))
Distortion, THD < 1%	136 dB SPL RMS, 139 dB SPL peak
Dynamic range	Typ. 120 dB
Max. SPL, THD 10%	160 dB SPL peak
Rated output impedance	100 Ω
Minimum load impedance	1 k Ω
Cable drive capability	100 m (328 ft)
Output balance principle	Impedance balancing with Active Drive
Common mode rejection ratio (CMRR)	> 50 dB at 1 kHz
Power supply (for full performance)	P48 (Phantom Power)
Current consumption	Max 2.0 mA
Connector	XLR-3M. Pin 1: shield, Pin 2: signal + phase, Pin 3: - phase
Color	Matte black
Weight	309 g (10.9 oz)
Microphone diameter	52 mm (2.05 in)
Capsule diameter	19 mm (0.75 in)
Microphone length	205 mm (8.1 in)
Maximum output voltage, RMS	8 V
Polarity	+V at pin 2 for positive sound pressure

Temperature range -40°C to 45°C (-40°F to 113°F)

Relative humidity (RH) Up to 90%



Typical on and off-axis response of a d:facto™ 4018V measured at 12 cm (4.7 in)



Typical directional characteristics of a d:facto™ 4018V



Specifications - d:facto 4018VL

Directional pattern	Supercardioid
Principle of operation	Pressure gradient
Cartridge type	Pre-polarized condenser
Frequency response	20 Hz - 20 kHz
Effective frequency range ± 2 dB, at 12 cm (4.7 in)	40 Hz - 16 kHz
Sensitivity, nominal, ± 2 dB at 1 kHz	5 mV/Pa; -46 dB re. 1 V/Pa 2 mV/Pa; -54 dB re. 1 V/Pa with Adapter for wireless
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