

# Mike PLM401F

Gooseneck Microphone 40 cm / 16 inches



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## Description

Mike PLM401F is a brand-new removable gooseneck microphone of 40 cm that provides exceptional sound quality.

The gooseneck design allows for a large freedom of movement. Another important advantage is the very low susceptibility to interference from mobile phones.

It offers improved robustness and longevity thanks to a sturdy connection. Made to match the Confidea FLEX G4 habitat, Mike is easy to mount. Simply push to connect it, and effortlessly remove it from the station with a single push of the unlock button. This way Mike reduces set-up and dismantle time by 66%.



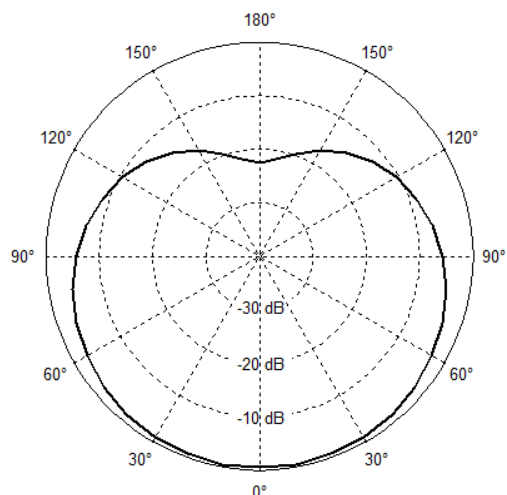
But there is more. When Mike speaks, everyone is all ears. The newly designed microphone provides a consistent and higher bandwidth, lower equivalent noise, and an excellent front-to-back ratio. A frequency response boost starting from 4 kHz ensures increased clarity and intelligibility.

The LED indicator on top is dark (opaque) when the microphone is switched off. The color of the LED is configurable red or green for the inactive, active and request state.

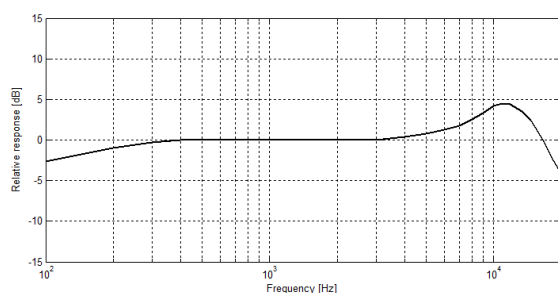
## Specifications

Mechanical	
Color	Black
Size (mm)	425 × 25 × 25
Size packed (mm)	480 × 43 × 50
Weight	105 g
Weight packed	177 g
Diameter of the stem	Flexible part: 8 mm Rigid part: 6.3 mm
Electrical	
Transducer type	Electret condenser
Operating principle	Pressure gradient
Polar pattern	Cardioid
Frequency response	125 to 15000 Hz
Sensitivity @ 1 kHz	-40 dBV/Pa
Maximum SPL @ 1 kHz	110 dB SPL
Signal-to-noise ratio referred to 1 Pa	74 dB (A)
Dynamic range	90 dB
Equivalent noise	20 dB SPL (A)
Environmental	
Operating temperature	0 to 45°C / 32 to 113°F
Storage temperature	-20 to 60°C / -4 to 140°F
Humidity	Between 5 and 95%, no condensation

## Polar Pattern



## Frequency Response



## Transport & Storage

To prevent any damage during transportation and storage, the microphones should always be handled in a horizontal position in their packaging.

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