

# MXC416 & MXC420 Gooseneck Microphone

## Overview

The MXC416 and MXC420 are gooseneck microphones for use with the Microflex® Complete (MXC) digital conference system and the Microflex® Complete Wireless (MXCW) conference system. The gooseneck design is highly flexible, allowing precise positioning by each speaker. The microphone is available with single or dual flexible sections and can be used with all MXC / MXCW conference and interpreter units. The microphone includes a cartridge with a cardioid polar pattern and the frequency response is tailored to improve speech intelligibility and reduce feedback. The microphone is also compatible with Microflex cartridges with other polar patterns. A snap-fit foam windscreen that reduces plosives or wind noise is included. The microphone features CommShield® Technology which provides improved immunity to RF noise caused by mobile phones, tablets, or similar devices nearby. A two-color LED ring illuminates when the conference unit is active or in request-to-speak mode. This clearly identifies the speaker to other members of the meeting, even under bright lighting. The microphone is detachable with a 10-pin modular connector. When used with compatible conference units, the microphone can be locked with a hex key to prevent unauthorized removal.

The MXC416 and MXC420 gooseneck microphones are available in two different lengths:

- MXC416: 40 cm (16 inches)
- MXC420: 50 cm (20 inches)

## Features

- Flexible gooseneck (single or dual bend)
- Includes Microflex cardioid capsule
- Compatible with Microflex cartridges in other polar patterns
- CommShield® Technology for improved immunity to RF noise
- Two-color illuminated light ring on microphone capsule
- Snap-fit foam windscreen (included)
- 10-pin modular connector
- High close-talk SPL level
- Low self-noise

## Specifications (subject to change)

### ELECTRICAL

Frequency response	50 to 17000 Hz
Polar pattern	Cardioid
Maximum SPL (1 kHz at 1% THD, 1 kΩ load)	121 dB
Signal-To-Noise Ratio Ref. (94 dB SPL at 1 kHz)	66 dB

### INTERCONNECTION

Conference unit connection	10-pin modular plug
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### MECHANICAL

Color	Black
Temperature range	5° to 40° C

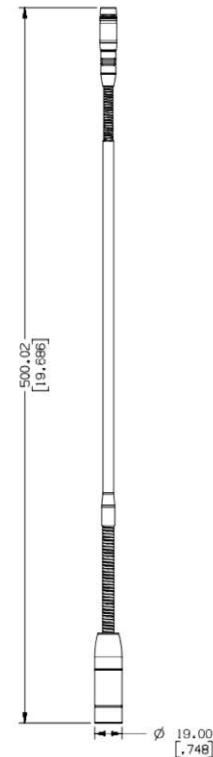
Data subject to change without notice in interest of product improvements.

## Available Models

MXC416/C	Length 40 cm, single bend
MXC416DF/C	Length 40 cm, dual bend
MXC420/C	Length 50 cm, single bend
MXC420DF/C	Length 50 cm, dual bend



MXC  
Gooseneck Microphones



MXC420DF/C  
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