

## GM416/GM420/GM425 Gooseneck Microphone



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### Description

GM series gooseneck microphones are compatible with Shure DCS6000 and DDS5900 conference units and feature Shure Microflex® capsules for high quality audio capture in meeting and conference spaces where communication is critical. Available in three lengths, each gooseneck microphone provides highly precise and flexible placement, with an integrated top LED light ring to indicate microphone activity. All variations also feature Shure CommShield® RF immunity, ensuring dependable, reliable performance regardless of venue.

### Features

- Wide dynamic range and frequency response for accurate speech capture
- Cardioid polar pattern.
- Interchangeable Microflex cartridges provide the right polar pattern for every application
- Balanced, transformerless output With CommShield RF immunity to protect against electromagnetic hum and RF interference
- Snap-fit foam windscreen
- Available in 40 cm (15.7"), 50 cm (19.6") and 63 cm (24.8") lengths
- Compatible with all the DIS units featuring 3-pin socket for microphone connection including DC5980P, DC 6990P, DM 6680P and IS6132P

# Specifications

## Electrical

|                              |   |
|------------------------------|---|
| <b>Microphone Type</b>       | Electret Cardioid                             |
| <b>Frequency Response</b>    | 50 Hz – 17 kHz                                |
| <b>Sensitivity</b>           | -46 dB ± 3dB<br>(0 dB = 1 V/1 Pa, 1 kHz)      |
| <b>Maximum SPL</b>           | 110 dB SPL (3% THD)                           |
| <b>Signal to Noise Ratio</b> | >60 dBA                                       |
| <b>Front/Back Ratio</b>      | >25 dB (1 kHz)                                |
| <b>Power Requirements</b>    | 2-5 Volts DC Supplied from<br>Conference Unit |
| <b>Power Consumption</b>     | 10 mA (typical)                               |

## Connectors

|                       |            |
|-----------------------|------------|
| <b>Connector Type</b> | 3 pin male |
|-----------------------|------------|

## Mechanical

|               |                |
|---------------|----------------|
| <b>Weight</b> | GM416/C: 133 g |
|               | GM420/C: 143 g |
|               | GM425/C: 157 g |
| <b>Length</b> | GM416/C: 40 cm |
|               | GM420/C: 50 cm |
|               | GM425/C: 63 cm |

Note: specifications subject to change

## Certifications

The DCS 6000 system conforms to standard IEC 60914.

# How To Order

|   |                |
|---|----------------|
| Gooseneck microphone, 40 cm. Black with LED.                    | <b>GM416/C</b> |
| Gooseneck microphone, 50 cm. Black with LED.                    | <b>GM420/C</b> |
| Gooseneck microphone, 63 cm. Black with LED.                    | <b>GM425/C</b> |
| Windscreen for GM4xx gooseneck microphones.<br>Pack of 4 pieces | <b>RK513WS</b> |



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