

# D-Mic 50 SL

## Directional Microphone, 50 cm



### Description

The removable gooseneck microphone is equipped with a screw lock connector for easy connection to the different delegate and interpreter units.

Its unidirectional response results in optimal performance even in environments with a lot of ambient noise. The gooseneck design also allows for a large freedom of movement.

Another important advantage is the very low susceptibility to interference from mobile phones.

Finally, the D-MIC SL microphones deliver a rich, natural sound. It enables longer and more comfortable meetings where participants experience less strain produced by traditional artificial and mechanical microphone sounds. The light ring is dark (opaque) when the microphone is switched off, it lights up red when active, and green when in request.

The D-MICxxSL is available in a 30, 40, 50 and 70 cm version, as well as in a fully flexible 40 cm version.



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

### Specifications

#### Mechanical

|                  |                           |
|------------------|---------------------------|
| Material         | Brass                     |
| Color            | Matt black, RAL 9011      |
| Size (mm)        | 505 (w) × 25 (h) × 25 (d) |
| Size packed (mm) | 575 (w) × 50 (h) × 50 (d) |
| Weight           | 110 g                     |
| Weight packed    | 200 g                     |

#### Electrical

|                        |                                                           |
|------------------------|-----------------------------------------------------------|
| Transducer principle   | Back electret (condenser)                                 |
| Operating principle    | Pressure gradient                                         |
| Polar pattern          | Unidirectional, cardioid                                  |
| Nominal conditions     | Bias resistor = 1k2<br>Vdd = 3.3 V DC<br>1 Pa = 94 dB SPL |
| Max SPL @ 1 kHz        | 110 dB SPL (1% THD+N)                                     |
| Signal to noise ratio  | > 67 dB(A)                                                |
| Free field sensitivity | (-40.5±2) dBV @ 1Pa, 1KHz                                 |
| Power supply           | 3.3 V DC, 0.5 mA                                          |
| Consumption            | 0.5 mA (without LED ring)<br>Max 25 mA (with LED ring)    |
| Connection             | Screw lock                                                |

