

# Technical Specifications

## SDO-450 Dynamic Gooseneck Microphone

- Dynamic element
- Omni-directional pickup pattern
- Push-to-talk switch
- Chrome screen with a black housing
- 19in chrome gooseneck
- Heavy duty four-conductor shielded cable
- Mounting flange included
- Indoor use



Omni-directional

### Description:

The SDO-450 Dynamic Gooseneck Microphone is a flexible omni-directional 19in gooseneck microphone that includes a mounting flange and features a push-to-talk switch. The SDO-450 is ideal for restaurants, retail stores, bowling alleys, offices, transportation terminals and dispatch centers.

## SPECIFICATIONS

### ELEMENT

Dynamic

### IMPEDANCE

Balanced Low Z - 400 Ohms nominal

### FREQUENCY RESPONSE

50 Hz - 12 kHz

### PATTERN

Omni-directional

### SWITCH

DPDT sealed micro switch

### CABLE

4ft 4 Conductor (2 shielded)

### HOUSING AND FINISH

Molded cyclac finished in black with chrome gooseneck and screen

### DIMENSIONS AND WEIGHT

4.63in L x 1.75in D (11.76cm x 4.45cm)

**Gooseneck:** 19.00in L (48.26cm)

**Weight:** 1.30lbs (0.59kg)

**Shipping Weight:** 3.70lbs (1.68kg)

## ARCHITECTS AND ENGINEERS

The Gooseneck Paging Microphone, model SDO-450, shall consist of a dynamic microphone, a 19in (48.26cm) chrome gooseneck, a mounting flange and a 4ft attached cord.

The SDO-450 Gooseneck Microphone shall have a frequency response of 50 Hz to 12 kHz with an omni-directional pattern. The impedance of the SDO-450 shall be 400 Ohms nominal. The sensitivity shall be -58 dB (Ref. 0 dB = 1 mW/10 microbars).

The SDO-450 Gooseneck Microphone shall include a DPDT sealed micro switch that provides a push-to-talk operation and a contact closure for amplifier muting, if required.

The SDO-450 Gooseneck Microphone cord shall be an attached 4

foot (121.92cm) cable in length with four conductors and two shields.

The SDO-450 Gooseneck Microphone shall be constructed of molded cyclac finished in black with a chrome screen and gooseneck. The SDO-450 shall be suitable for indoor applications.

Maximum dimensions for the microphone shall be: 4.63in L x 1.75in D (11.76cm x 4.45cm). Maximum dimensions for the gooseneck shall be: 19.00in L (48.26cm). Weight shall be approximately: 1.30lbs (0.59kg).

Warranty information may be found on our website at [www.valcom.com/warranty](http://www.valcom.com/warranty).

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