



# TECHNICAL SPECIFICATIONS

## GOOSENECK MICROPHONE MODEL SDO-450

### FEATURES:

**DYNAMIC ELEMENT**

**OMNI-DIRECTIONAL PICKUP PATTERN**

**PUSH-TO-TALK SWITCH**

**7' (2.13m) CABLE WITH 4 CONDUCTORS**

**BLACK MICROPHONE HOUSING WITH CHROME GOOSENECK**



### DESCRIPTION:

A 19 inch gooseneck microphone designed for strenuous conditions found in the fast food industry, supermarkets and restaurants. The microphone features a chrome plated screen with a black housing and chrome gooseneck. A mounting flange is provided on the gooseneck tube. The omni-directional patter provides the user with added mobility.

### SPECIFICATIONS:

**ELEMENT**

Dynamic

**SWITCH**

DPDT sealed microswitch

**FREQUENCY RESPONSE**

50 Hz - 12 kHz

**CABLE**

7' 4 Conductor (2 shielded)

**PATTERN**

Omni-directional

**FINISH**

Chrome Plated Screen and Gooseneck, Black Cyclac Cap and Housing

**IMPEDANCE**

Balanced Low 600  $\Omega$  Nominal

**DIMENSIONS AND WEIGHT**

4.56" (11.6 cm) L x 1.3" (3.3 cm) D

**OUTPUT LEVEL**

-58 dB (Ref 0 dB = 1 mw/10 microbars)

Gooseneck: 17" (48.2 cm)

Weight: .4 lbs (.17 kg)

## ARCHITECTS' AND ENGINEERS' SPECIFICATIONS MODEL SDO-450 GOOSENECK MICROPHONE

The Dynamic Gooseneck Paging Microphone, Model SDO-450, shall consist of a dynamic microphone and 19" (48.26 cm) chrome gooseneck. The frequency response shall be 50 Hz to 12 kHz with an omni-directional pattern. The impedance of the microphone shall be 600  $\omega$ . The sensitivity of the microphone shall be -58 dB (Ref. 0 dB = 1 mw/10 microbars).

The microphone shall be operated by a push-to-talk switch and provide a contact closure for amplifier muting if required. The switch shall be a DPDT sealed microswitch. The cord shall be 7 feet (2.13 m) in length with four conductors and two shields.

The housing shall be molded cyclolac finished in black with a chrome screen and gooseneck.

The dimensions shall be: 4.56" (11.6 cm) L x 1.3" (3.3 cm) D; Gooseneck: 17" (48.2 cm). Weight shall be approximately .4 lbs (.17 kg).

### Limited Warranty

Clarity warrants its products to be free from defects in materials and workmanship under conditions of normal use and service for a period of one year from the date of shipment. The obligation under this warranty shall be limited to the replacement, repair or refund of any such defective device within the warranty period, provided that:

1. inspection by Clarity indicates the validity of the claim,
2. the defect is not the result of damage, misuse, or negligence after the original shipment,
3. the product has not been in any way repaired by others and that factory sealed units are unopened.  
(A service charge plus parts and labor will be applied to units defaced or physically damaged).
4. freight charges for the return of products to Clarity are prepaid.
5. all units "out of warranty" are subject to a service charge. The service charge will cover minor repairs  
(major repairs will be subject to additional charges for parts and labor).

**This warranty is in lieu of and excludes all other warranties expressed or implied, and in no event shall Clarity be liable for any anticipated profits, consequential damages, loss of time or other losses incurred by the buyer in connection with the purchase, operation or use of the product.**

This warranty specifically excludes damage incurred in shipment. In the event a product is received in damaged condition, the carrier should be notified immediately. Claims for such damage should be filed with the carrier involved in accordance with the F.O.B. point.