

**Technical Specification**

**FEATURES:**

- DYNAMIC ELEMENT
- OMNI-DIRECTIONAL PICKUP PATTERN
- CYCOLAC HOUSING WITH DIE CAST BASE
- PUSH-TO-TALK BAR WITH LOCKING SWITCH OR LIFT-TO-TALK OPERATION
- HEAVY DUTY FOUR CONDUCTOR SHIELDED CABLE
- HIGH OR LOW IMPEDANCE SELECTION



**DESCRIPTION:**

Dynamic microphone provides modern styling and features in a rugged Cicolac housing for industrial/commercial public address, and paging applications. Long life DPDT leaf switch provides push-to-talk (with lock capability). A Lift-to-talk switch with a bypass slide switch is also provided. The SBS-400 has a slide switch for low or high impedance applications. Common uses include restaurants, police and fire dispatch, bowling alleys and office communications.

**Specifications:**

**ELEMENT**

Dynamic

**IMPEDANCE**

HiZ: 40k ohms  
LoZ: 400 ohms

**OUTPUT LEVEL**

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

**PATTERN**

Omni-Directional

**SWITCH**

DPDT leaf

**CABLE**

7' 4 Conductor (2 shielded)

**FREQUENCY RESPONSE**

50 Hz - 12 kHz

**HOUSE AND FINISH**

Molded cicolac in black with die cast base

**DIMENSIONS AND WEIGHT**

9.28" (23.57 cm) H x 4.35" (11.05 cm) W x 6" (15.2 cm) D  
Weight: 1.5 lbs (.67 kg)

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**ARCHITECTS' AND ENGINEERS**

The Desk Paging Microphone, Model SBS-400, shall consist of a dynamic microphone and desk stand. The frequency response shall be 50 Hz to 12 kHz with an omni-directional pattern. The impedance of the microphone shall be 400 ohm. The sensitivity of the microphone shall be -58 dB (Ref. 0 dB = 1 mw/10 microbars).

Long life DPDT leaf switch provides choice of push-to-talk (with lock capability) or lift-to-talk operation and provides a contact closure for amplifier muting if required. The push-to-talk slide bar switch shall also include a slide lock. . The lift-to-talk operation can be disabled with a slide switch located under the microphone base. The cord shall be 7' (213.36 cm) in length with four conductors and two shields.

The housing shall be molded cyclocac finished in black with a die cast base.

The dimensions of the microphone shall be: 9 3/8" (23.81 cm) H x 4 11/32" (11.03 cm) W x 5 27/32" (14.84 cm) D. The approximate weight shall be 23 ounces (0.37 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.