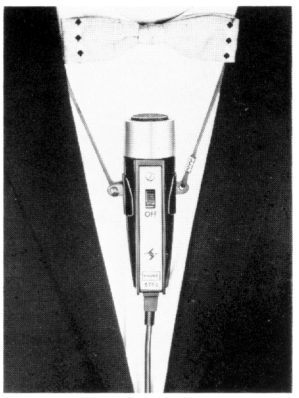
SHURE®

MODEL 575SB
OMNIDIRECTIONAL DYNAMIC MICROPHONE

MODEL 575SB IN STAND ADAPTER



MODEL 575SB USED AS A LAVALIER MICROPHONE

MODEL 575SB MOUNTED IN WALL HANGER

"VERSADYNE" OMNIDIRECTIONAL DYNAMIC MICROPHONE

GENERAL

The Shure Model 575SB is a moving coil (dynamic) microphone with a wide frequency response range and omnidirectional pickup characteristics that make it excellent for both music and voice reproduction. The microphone is ruggedly built to withstand rough usage and wide variations in temperature and humidity. The small size and light weight of the 575SB make it suitable for a wide variety of applications: wall or panel mounted, on a desk or floor stand, for lavalier or hand-held use.

The microphone is equipped with a built-in slide-to-talk On-Off switch and an attached 2.1m (7 ft) single-conductor shielded cable.

The microphone is provided with a stand adapter and with a lavalier assembly that can also be used as a wall-mount after the cord has been removed.

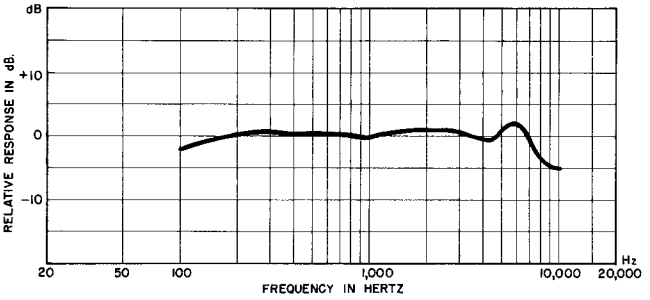
Microphone Features:

- Excellent, smooth reproduction of voice and music
- Omnidirectional pickup pattern
- Versatility—for use in the hand or on a stand, or lavalier- or wall-mounted
- Rugged construction, high quality, low cost

SPECIFICATIONS

Type
Dynamic

Frequency Response
40 to 15,000 Hz (See Figure 1)



TYPICAL FREQUENCY RESPONSE
FIGURE 1

Polar Pattern
Omnidirectional

Impedance
Microphone rating impedance is 150 ohms (200 ohms actual) for connection to microphone inputs rated at 19 to 300 ohms

Output Level (at 1,000 Hz)
Open Circuit Voltage* ..... −81.5 dB (0.84 mV)
Power Level** ..... −61.0 dB
*0 dB = 1 volt per microbar
**0 dB = 1 milliwatt per 10 microbars

SHURE® MODEL 575SB OMNIDIRECTIONAL DYNAMIC MICROPHONE

222 HARTREY AVENUE, EVANSTON, ILLINOIS 60202-3696

27A2058 (II)

Printed in U.S.A.

Switch
Built-in On-Off switch

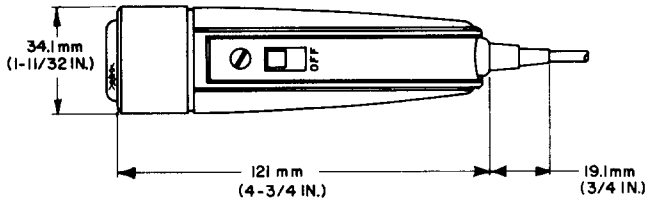
Cable
2.1m (7 ft) single-conductor shielded, attached

Stand Adapter
Permits easy removal for handheld use, suitable for mounting on stand with 5/8"-27 thread

Lavalier Assembly
Holds microphone securely, allows instant removal, can be converted to wall-mount by removal of cord

Case
Black ARMO-DUR® with satin anodized cap and stainless steel grille

Dimensions
See Figure 2



OVERALL DIMENSIONS
FIGURE 2

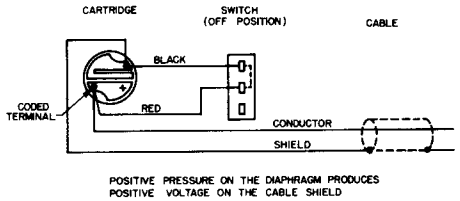
Net Weight
142 grams (5 oz)

Packaged Weight
482 grams (1 lb, 1 oz)

PHASING

To test two microphones for proper phasing, connect them to an amplifier and talk or sing into them while holding them three or four inches apart. The sound from the speakers should be the same when talking into either microphone or directly between them if they are in phase with each other. If the sound drops drastically, or if a dead spot is found when talking between the two microphones, the microphones are out of phase. All microphones should be tested in this manner to insure that they are in phase with each other.

To change the phase of a microphone, the microphone cartridge leads must be interchanged (see Figure 3). This should be performed by your dealer, the Shure Factory Service Department, or other qualified service personnel.



INTERNAL CONNECTIONS
FIGURE 3

FURNISHED ACCESSORY

Stand Adapter 65A280A
Lavalier Assembly 94A278

OPTIONAL ACCESSORIES

Desk Stand S37A, S39A

REPLACEMENT PARTS

Cartridge R50
Cable 70B1006
On-Off Switch 94C344

ARCHITECTS' SPECIFICATIONS

The microphone shall be the Shure Model 575SB or equivalent. The microphone shall be a moving coil (dynamic) type with a frequency response of 40 to 15,000 Hz. The unit shall have an omnidirectional polar characteristic.

The microphone shall be low impedance with a rated impedance of 150 ohms for connection to microphone inputs rated at 19 to 300 ohms.

The microphone output shall be −61.0 dB where 0 dB = 1 milliwatt per 10 microbars.

The microphone shall be equipped with a built-in On-Off switch and a nondetachable 2.1m (7 ft) single-conductor shielded cable.

The microphone shall be provided with a stand adapter suitable for mounting on a stand with a 5/8"-27 thread. The microphone shall also be provided with a lavalier assembly.

The overall dimensions of the microphone shall be 121 mm (4-3/4 in.) in length and 34.1 mm (1-11/32 in.) in diameter.