

SHURE®

MODEL 571 MINIATURE DYNAMIC MICROPHONE



GENERAL

The Shure Model 571 is a studio quality microphone especially adapted for applications in which very small size and excellent voice characteristics are essential.

Microphone Features:

- Smooth voice response
- Small size, lightweight
- Ruggedness and dependability
- Steel case for magnetic shielding

An adaptation of the popular Model 570 Lavalier Microphone, the small size and smooth response of the Model 571 are ideally suited for inconspicuous stand or hand-held use, concealment in a studio or shooting location, hanging over a stage, and a variety of other broadcast, motion picture and theatrical applications.

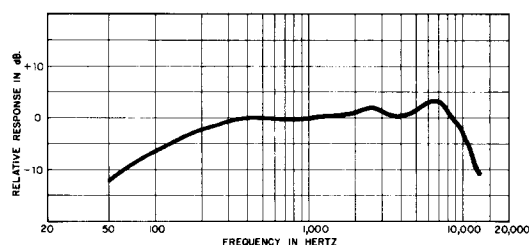
The A57D stand adapter, furnished with the microphone, provides a convenient means for attaching the microphone to any fixture with $\frac{5}{8}$ "-27 threads.

The Model 571 may be used for lavalier applications, if desired, by use of the accessory A57L "Flex Grip" lavalier assembly.

SPECIFICATIONS

Type
Dynamic

Frequency Response 50 to 10,000 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)

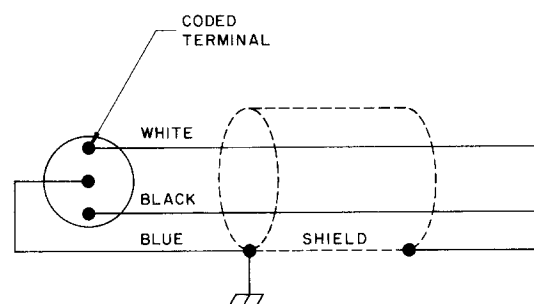
Open Circuit Voltage* -80 dB (0.1 mV)
Power Level** -58.5 dB

*0 dB = 1 volt per microbar

**0 dB = 1 milliwatt per 10 microbars

Phase

Positive pressure on the diaphragm produces positive voltage on the BLACK cable lead (see Figure 2.)



INTERNAL CONNECTIONS
FIGURE 2

Cable

Attached 9.1m (30 ft) two-conductor shielded

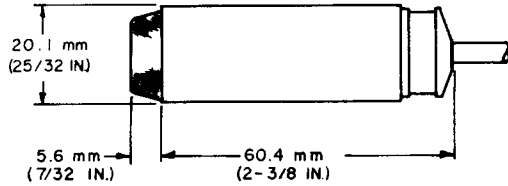
Case

Nonreflecting gray finish with stainless steel grille

SHURE®
MODEL 571
MINIATURE DYNAMIC MICROPHONE

Dimensions

See Figure 3



OVERALL DIMENSIONS
FIGURE 3

Net Weight (less cable)

58 grams (2 oz)

Packaged Weight

680 grams (1½ pounds)

ARCHITECTS' SPECIFICATIONS

The microphone shall be a moving coil (dynamic) type with a frequency response of 50 to 10,000 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 -58.5 dB where 0 dB = 1 milliwatt per 10 microbars.

The microphone shall be provided with a swivel adapter adjustable through 90° from vertical to horizontal, and suitable for mounting on a stand having a 5/8"-27 thread. The microphone shall be suitable for use as a lavalier model with an accessory Shure lavalier assembly.

The microphone shall also be provided with a non-detachable 9.1m (30 ft) two-conductor shielded cable.

The overall dimensions of the microphone shall be 66 mm (2½ in.) in length and 20.1 mm (25/32 in.) in diameter.

The microphone shall be the Shure Model 571 or equivalent.

FURNISHED ACCESSORY

Swivel AdapterA57D

OPTIONAL ACCESSORIES

Lavalier AssemblyA57L

Desk StandS37A, S39A

REPLACEMENT PARTS

Cartridge and Grille Assembly90F995

Cable Assembly70A287

Screen and Grille AssemblyRK91G