

GENERAL RULES FOR MICROPHONE USE

1. Aim the microphone toward the desired sound source and away from unwanted sources.
2. Locate the microphone as close as practical to the desired sound source.
3. Work close to the microphone for extra bass response.
4. Use only one microphone per sound source.
5. Locate multiple microphones at least three times as far from other microphones as from the sound source.
6. Use as few microphones as practical.
7. Place microphones away from sound reflecting surfaces.
8. Add a windscreen when using the microphone outdoors, for closeup speech, or vocals.
9. Avoid excessive handling to minimize mechanical noise.

SPECIFICATIONS

Type

Dynamic

Frequency Response

40 to 15,000 Hz (see Figure 2)

TYPICAL FREQUENCY RESPONSE
FIGURE 2

Polar Pattern

Unidirectional (cardioid), rotationally symmetrical about microphone axis, uniform with frequency (see Figure 3)

TYPICAL POLAR PATTERNS
FIGURE 3

Sensitivity (at 1,000 Hz)

Open Circuit Voltage: -54.5 dBV/Pa* (1.9 mV)

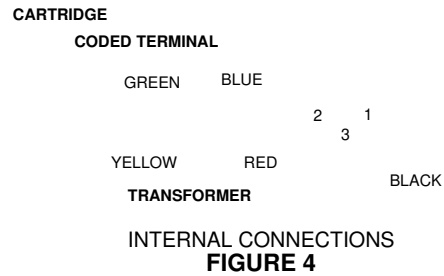
*(1 Pa = 94 dB SPL)

Impedance

Rated impedance is 150Ω (310Ω actual) for connection to microphone inputs rated low impedance.

Polarity

Positive pressure on diaphragm produces positive voltage on pin 2 with respect to pin 3 (see Figure 4).



Connector

Three-pin professional audio connector (male XLR type)

Case

Dark gray, enamel-painted, die-cast steel with a polycarbonate grille and a stainless steel screen.

157 mm
(6³/₁₆ in.)

32 mm
(1¹/₄ in.)

23 mm
(29³/₃₂ in.)

DIMENSIONS
FIGURE 5

Swivel Adapter

Positive-action, break-resistant, adjustable through 180°, with standard 5/8 in.-27 thread

Net Weight (without cable)

284 grams (10 oz)

Certification

Eligible to bear CE Marking. Conforms to European EMC Directive 89/336/EEC. Meets applicable tests and performance criteria in European Standard EN55103 (1996) parts 1 and 2, for residential (E1) and light industrial (E2) environments.

FURNISHED ACCESSORIES

- Swivel Adapter A25D.....
- Storage Bag 26A13.....

OPTIONAL ACCESSORIES

- Windscreen A2WS.....
- Desk Stand S37A, S39A.....
- Isolation Mount A55M.....
- Dual Mount A25M, A26M.....
- Cable (7.6 m [25 ft]) C25E, C25F.....

REPLACEMENT PARTS

- Cartridge R57.....
- Screen and Grille Assembly RPM210.....

For additional service or parts information, please contact Shure's Service department at 1-800-516-2525. Outside the United States, please contact your authorized Shure Service Center.

