



### MODELS SM48 AND SM48S UNIDIRECTIONAL DYNAMIC MICROPHONES

Shure Models SM48 and SM48S unidirectional dynamic microphones are designed for professional sound reinforcement, studio recording, and broadcasting applications. They maintain a true cardioid pattern throughout their frequency range, ensuring high gain before feedback and rejection of off-axis sound. The tailored frequency response is ideal for vocals. A presence rise brightens mid-range performance, and a low frequency rolloff controls proximity effect.

Both models include a shock mounted cartridge, a steel mesh grille, and an integral “pop” filter. The SM48S also includes a lockable On/Off switch.

Each microphone is supplied with an adjustable stand adapter and a zippered carrying/storage bag. Cables are available separately.

#### FEATURES

- *Cardioid pickup pattern rejects off-axis sound and provides superior gain before feedback*
- *Frequency response tailored for vocals, with brightened mid-range and bass rolloff to control proximity effect*
- *Shock-mounted cartridge for exceptional ruggedness and reduced handling noise*
- *Built-in “pop” filter that reduces explosive breath sounds and wind noise*
- *Supplied stand adapter and carrying/storage bag*
- *Lockable On/Off switch (SM48S only)*
- *Legendary Shure quality and ruggedness*

#### VARIATIONS

- SM48
- SM48S (with lockable On/Off switch)

#### SPECIFICATIONS

##### Type

Dynamic

##### Frequency Response

55 to 14,000 Hz (see Figure 1)

##### Polar Pattern

Cardioid (unidirectional) rotationally symmetrical about microphone axis, uniform with frequency (see Figure 2)

##### Impedance

Microphone rating impedance is 150 Ω (270 Ω actual) for connection to microphone inputs rated at 19 to 300 Ω

##### Output Level (at 1,000 Hz)

Open Circuit Voltage: \*.....-57.5 dBV/Pa (1.3 mV)

\*1 Pa = 94 dB SPL

##### Connector

XLR professional audio

##### Polarity

Positive pressure on diaphragm produces positive voltage on pin 2 with respect to pin 3. See Figure 3.

##### Dimensions

See Figure 4

##### Net Weight

370 grams (13.1 oz)

##### Packaged Weight

672 grams (1 lb, 8.5 oz)

#### CERTIFICATIONS

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
Carrying/Storage Bag.....	26A13

#### OPTIONAL ACCESSORIES

Windscreen .....	A58WS
Desk Stand.....	S37A, S39A
Isolation Mount .....	A55M, A55HM
Dual Mount.....	A26M
7.6 m Cable (25 ft) .....	C25F

#### REPLACEMENT PARTS

Cartridge .....	R136
Screen and Grille Assembly.....	RK248G
Plug Assembly .....	RK40P
On/Off Switch.....	RK81S

#### LOCKING THE ON/OFF SWITCH (SM48S ONLY)

To lock the On/Off switch in On position, remove the screw from the lockplate and rotate the lockplate 180°. Then reinstall the screw.

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

