



### 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

Conforms to European Union directives, eligible to bear CE marking; meets European Union EMC Immunity Requirements (EN 50 082–1, 1992).

### 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.

## MICROPHONES DYNAMIQUES UNIDIRECTIONNELS MODÈLES SM48 ET SM48S

### CARACTÉRISTIQUES

#### Type

Dynamique

#### Réponse en fréquence

55 à 14.000 Hz (voir la figure 1)

#### Dispersion

Carioïde (unidirectionnel) symétrique circulairement sur axe, uniforme avec la fréquence (voir la figure 2)

#### Impédance

L'impédance nominale est 150 Ω. (effective 270 Ω) pour entrées microphones données pour 19 à 300 Ω.

#### Niveau de sortie (à 1 kHz)

En circuit ouvert (voltage):\* . . . . . -57,5 dBV/Pa (1,3 mV)

\*1 Pa = 94 dB SPL

#### Polarité

Une pression positive produit une tension positive sur la broche 2 par rapport a la broche 3 (voir la figure 1)

#### Dimensions hors tout

Voir la figure 4

#### Poids net

370 grammes

#### Variations

SM48

SM48S (avec interrupteur d'alimentation électrique)

#### Homologations

Conforme aux directives de l'Union européenne, éligible pour recevoir le sceau de la CE; conforme aux normes de compatibilité électromagnétique de l'Union européenne (EN 50082-1:1992).

### ACCESSOIRES FOURNIS

Adaptateur pivotant . . . . . A25D

Sac de rangement . . . . . 26A13

### ACCESSOIRES EN OPTION

Bonnet . . . . . A58WS

Pied de table . . . . . S37A

Pied a montage anti-vibrations . . . . . S39A

Câble (7.6 m) . . . . . C25F

### PIÈCES DE RECHANGE

Cartouche . . . . . R136

Prise . . . . . RK40P

Grille avec écran . . . . . RK248G

Interrupteur Marche/Arrêt (SM48S) . . . . . RK81S

Pour tout renseignement complémentaire, prière de prendre contact avec le service Entretien Shure au 1/800-516-2525. En dehors des États-Unis, prière de prendre contact avec le centre d'entretien agréé Shure local.

## DYNAMISCH RICHTMIKROFON MODELL SM48 UND SM48S

### TECHNISCHE DATEN

#### Wandlerprinzip

Dynamisch, Tauchspule

#### Frequenzgang

55...14.000 Hz (siehe Abbildung 1)

#### Richtcharakteristik

Nierenförmig, frequenz-unabhängig und symmetrisch zur Mikrofonachse (siehe Abbildung 2)

#### Impedanz

Die Nenn-impedanzen betragen 150 Ω. Vorgesehen für den Anschluss an niederohmige Mikrofoneingänge, die für Quellimpedanzen von 150 Ω bemessen sind.

#### Übertragungsfaktor (bei 1 kHz)

Feldleerlaufübertragungsfaktor: -57,5 dBV/Pa (1,3 mV)

\*1 Pa = 94 dB SPL

#### Polarität

Positiver Schalldruck ergibt positive Spannung am Anschlußstift 2, gemessen tum Anschlußstift 3 (siehe Abbildung 3)

#### Gesamtabmessungen

Siehe Abbildung 4

#### Nettogewicht

370 g

#### Schalter

SM48

SM48S (mit netz ein/aus-kopf)

#### Zulassung

Entsprechend den EU-Richtlinien mit Berechtigung für das CE-Label; erfüllt die Anforderungen der Europäischen Union hinsichtlich elektromagnetischer Störfelder (EN 50082-1:1992).

### MITOELIEFERTES ZUBEHÖR

Stativhalterung . . . . . A25D

Tragetasche . . . . . 26A13

### SONDERZUBEHÖR

Windschutz . . . . . A58WS

Tischständer . . . . . S37A

Schwingungsisolierter Tischständer . . . . . S39A

Kabel . . . . . C25F

### ERSATZTEILE

Kapsel . . . . . R136

Anschlusskupplung . . . . . RK40P

Einsprechkorb . . . . . RK248G

Ein-/Ausschalter (SM48S) . . . . . RK81S

Weitere Informationen hinsichtlich Service oder Ersatzteile erhalten Sie vom Shure-Zentral-Kundendienst unter der Nummer 1-800-516-2525. Außerhalb der Vereinigten Staaten von Amerika wenden Sie sich Bitte an das entsprechende autorisierte Service-Center Ihres Landes.

## MICROFONO DINAMICO UNIDIRECCIONAL MODELOS SM48 Y SM48S

### CARACTERISTICAS

#### Tipo

Dinámico

#### Respuesta a Frecuencias

55 a 14.000 Hz (vea la Figura 1)

#### Dispersión Polar

Cardioide (unidireccional), uniforme respecto a la frecuencia y simétrica respecto al eje (vea la Figura 2)

#### Impedancia

La impedancia especificada es de 150  $\Omega$  (270  $\Omega$  efectivos) para su conexión a entradas de micrófono especificadas entre 19 y 300  $\Omega$ .

#### Nivel de salida (a 1 kHz)

Tensión en circuito abierto\* . . . . -57,5 dBV/Pa (1,3 mV)

\*1 Pa = 94 dB SPL

#### Polaridad

La presión positiva produce un voltaje positivo en el pin 2 respecto al 3 (vea la Figura 3)

#### Dimensiones totales

Vea la Figura 4

#### Peso neto

370 g

#### Variaciones

SM48

SM48S (con interruptor de encendido)

#### Certificaciones

Cumple con las directivas de la Unión Europea, elegible para la marca CE; Cumple con los requisitos de inmunidad y normas de propiedades electromagnéticas (EMC) de la Unión Europea (EN 50082-1:1992).

### ACCESORIOS SUMINISTRADOS

Abrazadera . . . . . A25D

Bolsa de transporte . . . . . 26A13

### ACCESORIOS OPCIONALES

Pantalla antiviento . . . . . A58WS

Pié de sobremesa . . . . . S37A

Pié con aislador de vibraciones . . . . . S39A

Cable (7.6 m) . . . . . C25F

### REPUESTOS

Cápsula . . . . . R136

Enchufe . . . . . RK40P

Conjunto de protector y rejilla . . . . . RK248G

Interruptor (SM48S) . . . . . RK81S

Para información adicional acerca del servicio o de partes, llame al Departamento de Servicio Shure a 1-800-516-2525. Fuera de los EE.UU., llame al servicentro autorizado de productos Shure.

## MICROFONO DINAMICO UNIDIREZIONALE MODELLO SM48 Y SM48S

### CARATTERISTICA

#### Tipo

Dinamico

#### Risposta in frequenza

Da 55 a 14.000 Hz (vedi Figura 1)

#### Diagrammi Polare

Cardioide (unidirezionale), uniforme rispetto all'asse del microfono, uniforme con la frequenza (vedi Figura 2)

#### Impedenza

Valore nominale: 150  $\Omega$  (270  $\Omega$  effettivi) per il collegamento a ingressi microfonic con bassi valori nominali di impedenza (19-300  $\Omega$ ).

#### Livelli de uscita (a 1.000 Hz)

Tensione a circuito aperto\*: . . . -57,5 dBV/Pa (1,3 mV)

\*1 Pa = 94 dB SPL

#### Polarità

Una pressione positiva sul diaframma produce una tensione positiva al piedino 2 rispetto al piedino 3 (vedi Figura 3)

#### Dimensioni totali

Vedi Figura 4

#### Peso netto

370 g

#### Variazioni

SM48

SM48S (con interruttore di alimentazione ON/OFF)

#### Omologazioni

Conforme alle direttive della Comunità Europea, contrassegnabile con il marchio CE; questo prodotto è conforme ai requisiti sull'immunità relativi alla CEM (Compatibilità elettromagnetica) specificati dalla Comunità Europea [NIE (Norme europee 50082-1:1992)

### ACCESSORI IN DOTAZIONE

Adattore regolabile . . . . . A25D

Borsa . . . . . 26A13

### ACCESSORI OPTIONAL

Schema antivento . . . . . A58WS

Base da tavolo . . . . . S37A

Adattore antivibrazioni . . . . . S39A

Cavo (7.6 m) . . . . . C25F

### RECAMBI

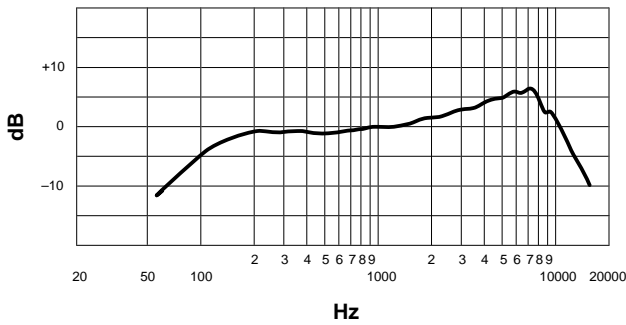
Cartuccia . . . . . R136

Connettore . . . . . RK40P

Gruppo griglia e schema . . . . . RK248G

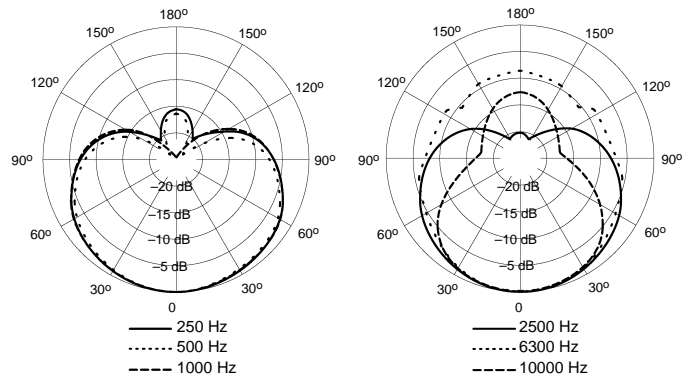
Interruttore (SM48S) . . . . . RK81S

Per ulteriori informazioni sui ricambi o per assistenza, chiamare l'assistenza clienti della Shure al numero verde 1-880-516-2525 (solo negli stati Uniti). Fuori dagli Stati Uniti rivolgersi al rivenditore o ad un centro di assistenza autorizzato.



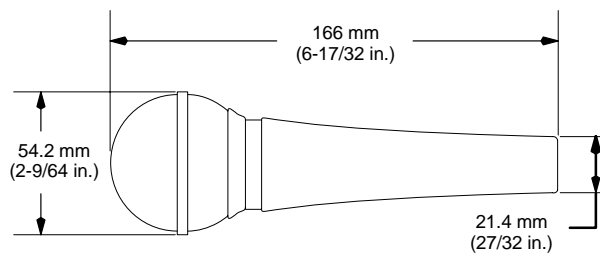
TYPICAL FREQUENCY RESPONSE  
 COURBE DE REPOSE TYPIQUE  
 TYPISCHES FREQUENZVERHALTEN  
 RESPUESTA DE FRECUENCIA TIPICA  
 TIPICA RISPOSTA IN FREQUENZA

FIGURE 1 – ABBILDUNG 1 – FIGURA 1



TYPICAL POLAR PATTERNS  
 COURBE DE DIRECTIVITE TYPQUES  
 TYPISCHE POLARCHARAKTERISTIK  
 PATRONES DE CAPTACION POLAR TIPICOS  
 TIPICI DIAGRAMMI POLARI

FIGURE 2 – ABBILDUNG 2 – FIGURA 2



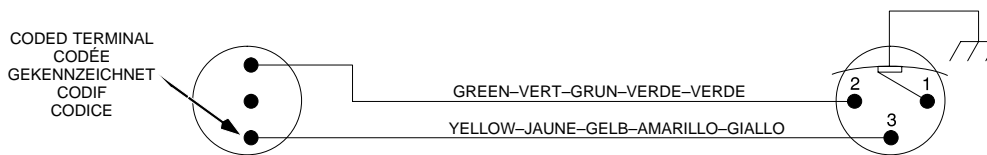
OVERALL DIMENSIONS – DIMENSIONS HORS TOUT  
 GESAMTABMESSUNGEN – DIMENSIONES TOTALES – DIMENSIONI TOTALI

FIGURE 3 – ABBILDUNG 3 – FIGURA 3

CARTRIDGE – CARTOUCHE – KAPSEL  
 CÁPSULA – CARTUCCIA

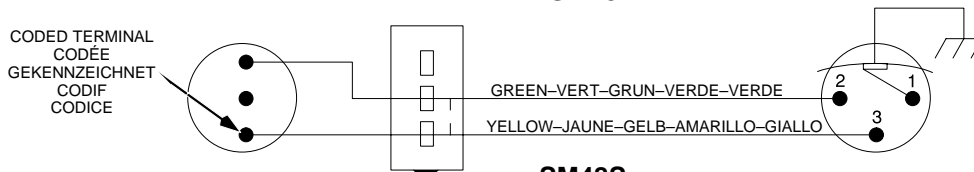
CONNECTOR – PRISE – ANSCHLUßKUPPLUNG  
 ENCHUFE – CONNETTORE

CODED TERMINAL  
 CODÉE  
 GEKENNZEICHNET  
 CODIF  
 CODICE



SM48

CODED TERMINAL  
 CODÉE  
 GEKENNZEICHNET  
 CODIF  
 CODICE



SM48S

INTERNAL CONNECTIONS – CONNEXIONES INTERNES  
 INTERNE SCHALTUNGEN – CONEXIONES INTERNAS  
 COLLEGIAMENTI INTERNI

FIGURE 4 – ABBILDUNG 4 – FIGURA 4

**SHURE®**

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