
SM63 -- Handheld Microphone

General Description

Elegant, yet rugged, the high output SM63 series dynamic omnidirectional microphones are designed for professional applications where performance and appearance are critical. Their smooth, wide frequency response is tailored for optimum speech intelligibility, and includes a controlled low-frequency rolloff for reduced pickup of stand and wind noise. A built-in humbucking coil makes the microphones virtually immune to strong hum fields, such as those produced by studio lighting.

The three models differ only in length and color. The champagne-finished SM63 is designed for hand-held use on stage and in broadcast, recording, and television studios. The champagne-finished SM63L and the black-finished SM63LB are ideal for remote interviews, sports broadcasts, and other situations where longer microphones are desirable.

All three models use a patented Shure shock mount system to minimize handling noise. They also include a VERAFLEX™ grille that protects against damage from a drop of up to 2 meters (6 ft.), and is impervious to dents, rust, corrosion, and moisture. An integral pop filter effectively reduces breath noise. The SM63L and SM63LB include a two-stage windscreen accessory designed for outdoor use. All models are supplied with a stand adapter and zippered storage bag. Cables are available separately.

Features

- Uniform omni-directional pick-up pattern
- Tailored frequency response specifically shaped for optimum speech intelligibility
- High output, low impedance
- Built-in shock mount for reduced pick-up of handling noise and stand vibration
- Humbucking coil for virtual immunity to strong electromagnetic fields
- Windscreen minimizes adverse outdoor wind conditions for use outdoors
- Furnished with zippered storage bag and break-resistant stand adapter
- Exceptionally durable VERAFLEX™ grille that resists damage from drops, and is immune to rust, corrosion and moisture
- Sleek appearance looks attractive on stage, screen and television
- Excellent balance and feel for hand held use
- Shure quality, ruggedness, and reliability

Specifications

Type

Dynamic (moving coil)

Frequency Response

80 to 20,000 Hz

Polar Pattern

Omnidirectional

Output ImpedanceEIA rated at 150 Ω 298 Ω actual**Sensitivity**

(@ 1 kHz, open circuit voltage)

-56.5 dBV/Pa ^[1] (1.5 mV)**Hum Pickup**

typical, at 60 Hz

21 dB equivalent SPL in a 1millioersted field

Polarity

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

Net Weight

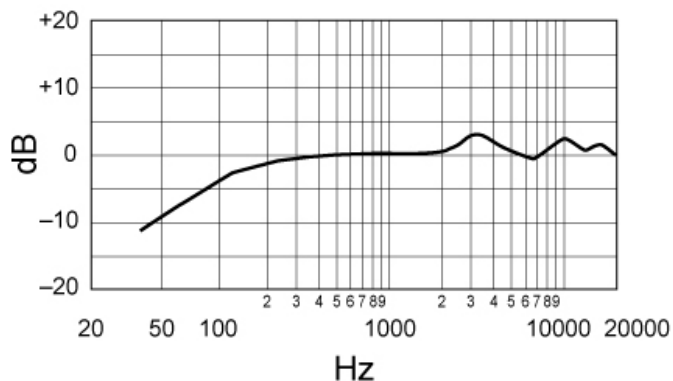
| | |
|---------------|-----------------|
| SM63 | 99 g (3.5 oz.) |
| SM63L, SM63LB | 124 g (4.3 oz.) |

Connector

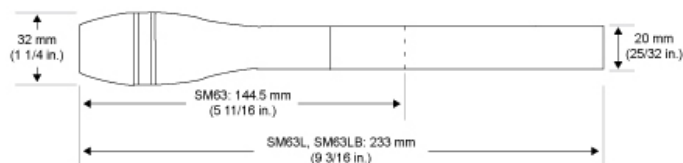
Three-pin professional audio (XLR), male

Housing

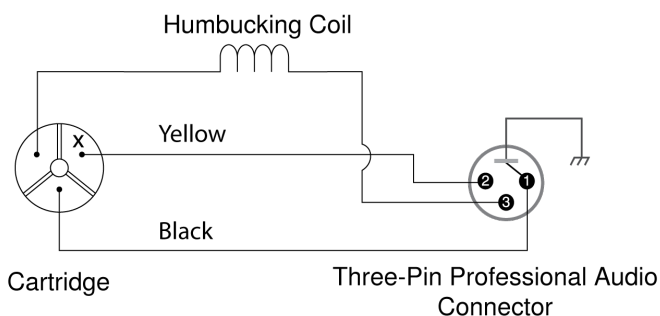
Champagne finish aluminum with VERAFLX™ grille



Typical Frequency Response



Overall Dimensions



Wiring Diagram

Accessories

Furnished Accessories

| | |
|---|---------|
| Microphone Clip for AMS26, BETA181, KSM137, KSM141, MX412, MX418, MX412S, MX418S, MX412SE, MX418SE, SM62, SM63, SM63L, SM63LB, SM81, VP64, VP64A, VP64AL and standard microphone stands | A57F |
| Carrying/Storage Bag | 95A2313 |

Optional Accessories

| | |
|--|---------|
| Windscreen (Brown) | RK229WS |
| Windscreen (Black) | 49A130 |
| Desk Stand | S37A |
| Isolation Mount/Swivel Adapter for KSM109, KSM137, KSM141, SM63, SM81, SM94 and VP64 | A53M |
| 25 foot (7.5m) Triple-Flex® Microphone XLR Cable with Switchcraft connectors | C25E |
| 25 foot (7.5m) Triple-Flex Microphone XLR Cable with chrome connectors | C25F |

Replacement Parts

| | |
|--------------------------------------|--------|
| Cartridge for SM63, SM63L and SM63LB | R191 |
| Replacement Grille (SM63) | RK366G |
| Replacement Grille (SM63L) | RK367G |
| Replacement Grille (SM63LB) | RK368G |
| Plug Element | RK152P |

Certifications

This product meets the Essential Requirements of all relevant European directives and is eligible for CE marking.

The CE Declaration of Conformity can be obtained from: www.shure.com/europe/compliance

Authorized European representative:

Shure Europe GmbH

Headquarters Europe, Middle East & Africa

Department: EMEA Approval

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