



Shure Brothers Incorporated
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Model VP64 User Guide



GENERAL

The Shure Model VP64 is a high output omnidirectional handheld dynamic microphone designed for professional audio and video production. It combines exceptional performance and comfortable feel with a handsome on-camera appearance.

The VP64 is ideal for closeup use and can be used outside as well as indoors. Its omnidirectional pickup pattern provides uniform pickup on or off axis, eliminating the need for critical microphone positioning. The VP64 also features a tailored frequency response with an upper midrange presence rise that adds crispness and clarity to speech. A low frequency rolloff minimizes "boominess" and background noise. The circuitry includes a neodymium magnet for higher output and increased signal-to-noise ratio.

The cartridge is shock mounted for ruggedness and to minimize handling noise pickup. Wind noise and "pop" are reduced by the the supplied windscreen.

Features

- *High-efficiency circuitry uses neodymium magnet for increased output and maximized signal-to-noise ratio*
- *Frequency response tailored for optimum speech clarity and crispness*
- *Omnidirectional polar pattern eliminates need for critical microphone positioning*
- *Shock mounted cartridge for low handling noise*
- *Supplied windscreen permits outdoor or indoor use with minimum pop and wind pickup*
- *Comfortable feel*
- *Handsome appearance; ideal for on-camera applications*
- *Legendary Shure ruggedness*

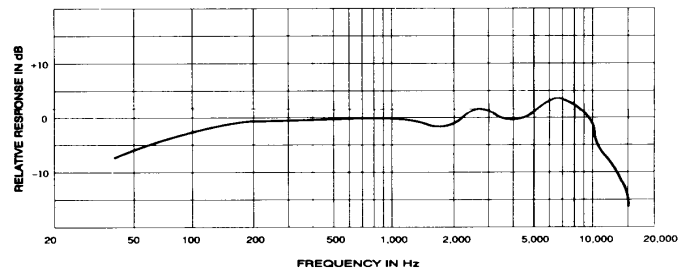
SPECIFICATIONS

Type

Dynamic

Frequency Response

50 to 12,000 Hz (see Figure 1)



TYPICAL FREQUENCY RESPONSE

FIGURE 1

Polar Pattern

Omnidirectional, symmetrical about axis

Impedance

Low (330 Ω actual)

Output Level (at 1,000 Hz)

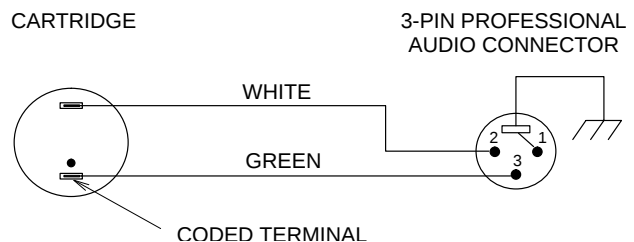
Open Circuit Voltage -71.0 dB (0.28 mV)

Power Level -52.0 dB

0 dB = 1 mW/10 μ bar

Phasing

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



INTERNAL CONNECTIONS

FIGURE 2

Cartridge Shock Mount

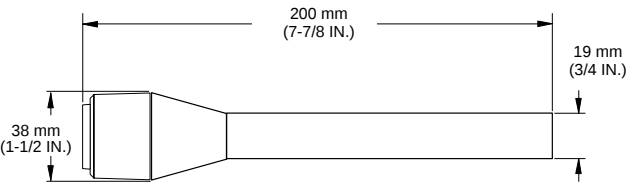
Internal rubber vibration isolator

Case

Durable black painted machined aluminum with steel cartridge housing and steel mesh screen

Dimensions

See Figure 3



OVERALL DIMENSIONS
FIGURE 3

Net Weight

167 g (6 oz)

Certifications

Conforms to European Union directives, eligible to bear CE marking; meets European Union EMC Immunity Requirements (EN 50 082-1, 1992); RF radiated (IEC 801-3); ESD (IEC 801-2); EFT (IEC 801-4).

FURNISHED ACCESSORIES

- Swivel Adapter A57F
- Windscreen 49C55

OPTIONAL ACCESSORIES

- Cable (7.6 m [25 ft]) C25E
- Isolation Mount A53M, A53HM
- Microphone Bag 26A13

REPLACEMENT PARTS

- Cartridge R161
- Screen Assembly 90GH2600
- Closing Ring 31B1605
- Plug Element 90A1984

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.



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