



Shure Brothers Incorporated  
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 Evanston IL 60202-3696 U.S.A.

## 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 windscreens.

### 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

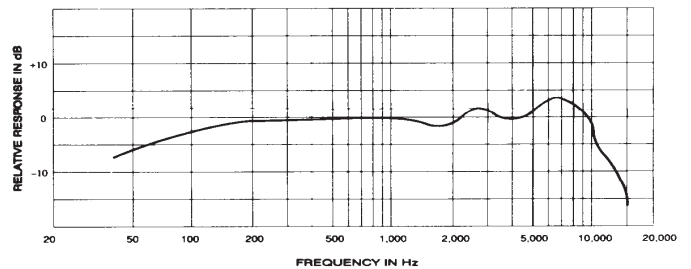
### SPECIFICATIONS

#### 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  $\Omega$  actual)

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

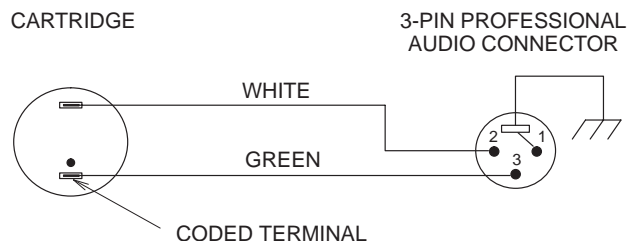
Open Circuit Voltage . . . . . -71.0 dB (0.28 mV)

Power Level . . . . . -52.0 dB

0 dB = 1 mW/10  $\mu$ 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**

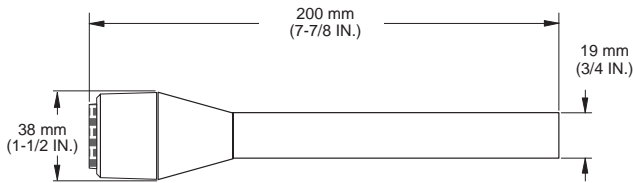
Internal rubber vibration isolator

**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 ..... A57E
- 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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