



GENERAL

The VP64A and VP64AL are high-output omnidirectional handheld dynamic microphones designed for professional audio and video production. They combine exceptional performance and comfortable feel with a handsome on-camera appearance.

The VP64A and VP64AL are identical except for handle length. The 200 mm (7-7/8 inch) long VP64A is ideal for closeup use and can be used outside as well as indoors. The VP64AL is well-suited to location interviews, sports broadcasting, and other situations where the 244 mm (9-5/8 inch) length is an advantage.

The omnidirectional pickup pattern provides uniform pick-up on or off axis, eliminating the need for critical microphone positioning. The VP64A microphones also feature a tailored frequency response with an upper midrange presence rise that adds crispness and clarity to speech. The cartridge utilizes a neodymium magnet for higher output and increased signal-to-noise ratio.

An internal rubber isolation mount protects the microphone cartridge and minimizes handling noise. A water-resistant mesh grille allows the microphone to be used during the most challenging weather conditions. The supplied windscreen further reduces "pop" and wind noise.

Features

- Neodymium magnet for increased output and high signal-to-noise ratio
- Tailored frequency response with mid-range presence rise for optimum speech clarity
- Omnidirectional polar pattern that eliminates need for critical microphone positioning
- Internal isolation mount for low handling noise
- Water-resistant mesh grille repels water under challenging weather conditions
- Supplied windscreen for reduced pickup of pop and wind noise
- Comfortable feel
- Handsome appearance; ideal for on-camera applications
- Legendary Shure ruggedness

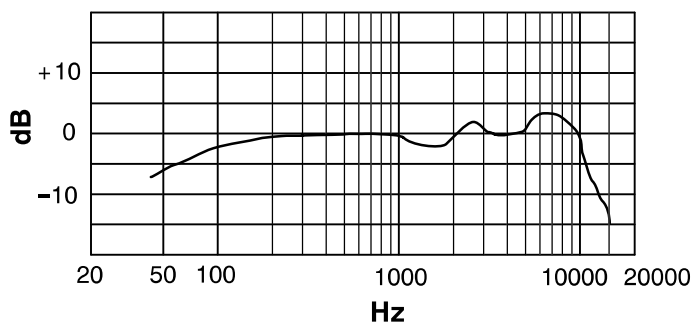
SPECIFICATIONS

Type

Dynamic

Frequency Response

50 to 12,000 Hz (see Figure 1)



TYPICAL FREQUENCY RESPONSE

FIGURE 1

Polar Pattern

Omnidirectional

Impedance

Low (300 Ω actual)

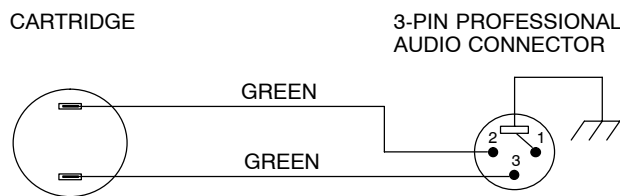
Output Level (at 1,000 Hz)

Open Circuit Voltage: -51.5 dBV/Pa (2.7 mV)*

*1 Pascal = 94 dB SPL

Phasing

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

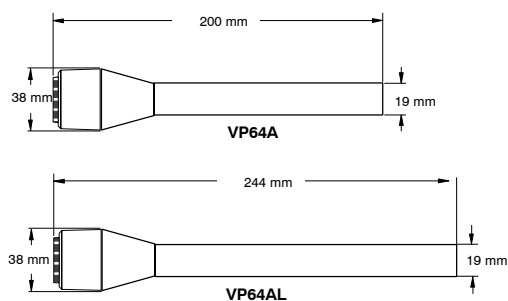


INTERNAL CONNECTIONS

FIGURE 2

Dimensions

See Figure 3



OVERALL DIMENSIONS

FIGURE 3

Net Weight

VP64A: 158 g (5.6 oz)

VP64AL: 179 g (6.33 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 A57F

Windscreen 49A130

OPTIONAL ACCESSORIES

7.6 m (25 ft.) Cable C25E

Isolation Swivel Adapter A53M, A53HM

Microphone Bag 26A13

REPLACEMENT PARTS

Cartridge R199

Screen 37A186B

Cartridge Housing Ring (VP64A) 31C1605A

Cartridge Housing Ring (VP64AL) 31C1605B

Plug Element 90C1984

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.