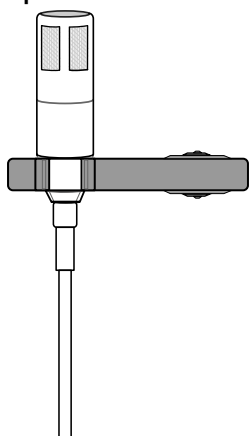


# SHURE®

MVL

Omnidirectional Condenser Lavalier Microphone

## General Description



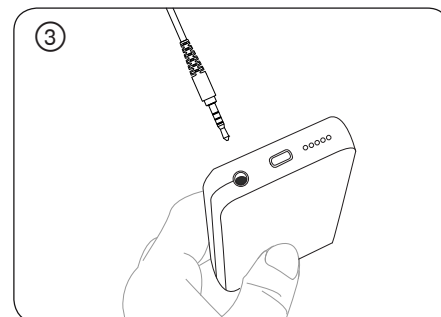
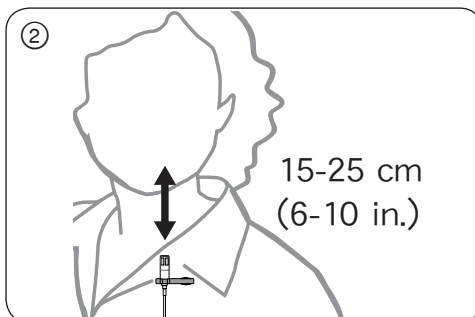
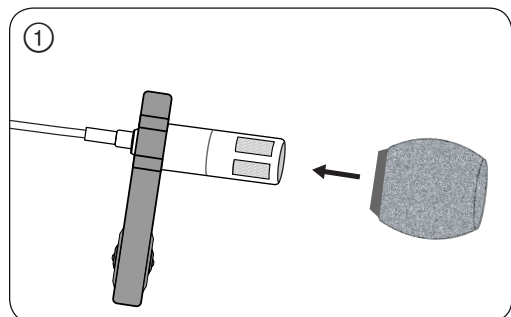
The Shure MOTIV MVL is an omnidirectional condenser lavalier microphone, featuring a 3.5 mm (1/8") Tip Ring Ring Sleeve (TRRS) plug for use with a portable recording-capable device. By plugging the MVL microphone into

the headphone jack of a smartphone or tablet and opening recording apps such as the ShurePlus® MOTIV recording app, the user can easily and discretely capture high-quality audio. It is ideal for use in speech and other applications requiring minimal visibility.

### Features

- Superior audio clarity
- Effective immunity to audible interference
- Low self-noise
- More even, natural response across frequency range
- Less susceptible to distortion
- Matte black, sleek, low-profile design for inconspicuous placement
- Snug-fit foam windscreen provides additional protection from plosives and wind noise
- Includes protective storage pouch, tie clip, and windscreen
- The optional Rycote™ Mini Windjammer fits over the included windscreen
- Legendary Shure quality and reliability

## Using the Microphone



1. Install the supplied snug-fit windscreen by sliding it over the microphone capsule.  
**Note:** Do not pull the windscreen too tightly over the microphone. Leave a small space inside the windscreen to allow for air movement.
2. Attach the microphone to a shirt or other garment using the supplied tie clip. For best results, the microphone should be 15-25 cm (6-10 in.) away from the mouth.
3. Plug the 3.5 mm (1/8") plug into your recording device.

To further reduce plosives and wind noise, use the optional Rycote™ Mini Windjammer, which fits over the included foam windscreen.

## Specifications

### Microphone Capsule

MEMS

### Polar Pattern

Omnidirectional

### Frequency Response

40 Hz to 20,000 Hz (see frequency response graph)

### Output Impedance

350 Ω

**Signal-To-Noise Ratio**

65 dB

**Maximum SPL**

124 dB SPL

**Dynamic Range**

95 dB typical

**Sensitivity**

-44.0 dBV at 1 kHz (Pa=94 dB SPL)

**Equivalent Output Noise**

29 dB A-weighted

**Microphone Connector**

3.5 mm (1/8") TRRS (Tip=No Connection, Ring1=No Connection, Ring2=Ground, Sleeve=Audio Output and Bias Voltage)

**Microphone Bias**2.7 V DC through 2.2 K  $\Omega$  resistor**Current Drain**245  $\mu$ A, typical**Housing**

Cast Zinc

**Dimensions**

15.2 mm x 5.5 mm x 132cm H x W x D

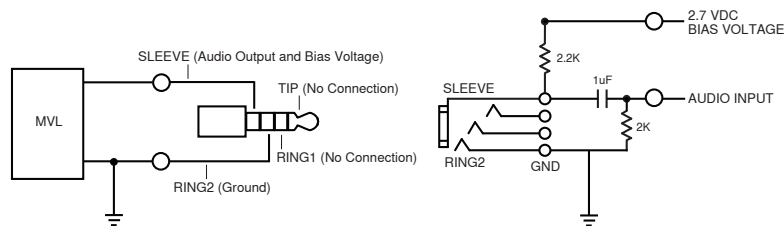
**Cable Diameter**

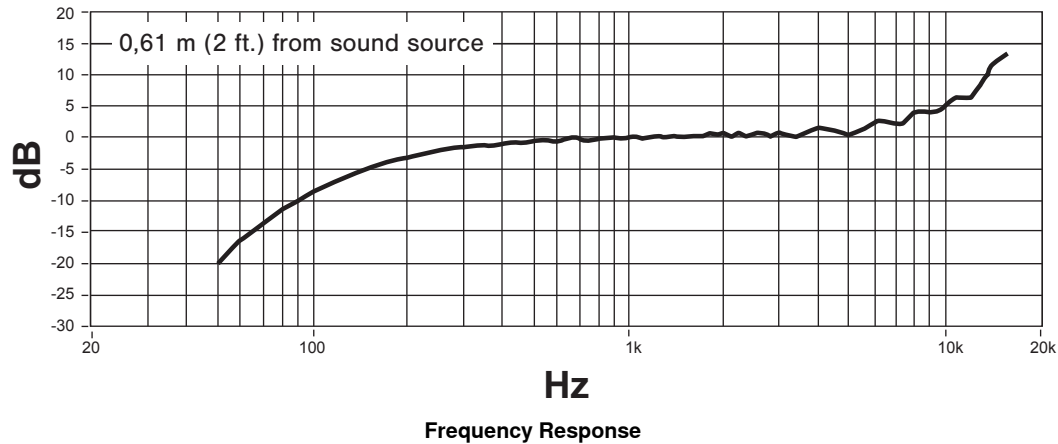
1.6 mm

**Net Weight**

with cable

8.0 g (0.282 oz.)

**Microphone and Audio Input Connections for a Typical Device**



## Accessories

### Furnished Accessories

Carrying/Storage Bag	AMVL-BAG
Black Snug-fit Foam Windscreen for MVL	AMVL-WS
Black Metal Tie Clip for MVL	AMVL-CLIP

### Optional Accessories

Rycote Mini Windjammer for MVL	AMVL-FUR
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## Certifications

**Note:** Testing is based on the use of supplied and recommended cable types. The use of other than shielded (screened) cable types may degrade EMC performance.

The CE Declaration of Conformity can be obtained from:  
[www.shure.com/europe/compliance](http://www.shure.com/europe/compliance)

Authorized European representative:  
 Shure Europe GmbH  
 Headquarters Europe, Middle East & Africa  
 Department: EMEA Approval  
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