

# Product Specifications

## MVL Omnidirectional Condenser Lavalier Microphone

### Overview

The MOTIV MVL Omnidirectional Condenser Lavalier Microphone is a quick and easy solution for clear audio in close-mic digital speech recording applications. With a discreet footprint and a 1/8" (3.5mm) TRRS connector, the MVL works with any mobile phone or tablet equipped with recording capabilities by plugging directly into the headphone jack. Record using the ShurePlus™ MOTIV iOS app or other digital recording platform to capture clear speech in interview, videography or public speaking environments, and share immediately via email or text. Designed and built to Shure technology standards, the durable MVL comes with a carrying pouch, windscreen and tie-clip mount for mobile audio recordings that greatly surpass the quality of onboard phone and tablet microphones.

### Features

- 1/8" (3.5 mm) TRRS connector plugs into any mobile phone or tablet with a headset microphone input jack
- Sleek, miniature housing for discreet appearance onscreen
- Best-in-class in signal-to-noise ratio, headroom and maximum SPL
- Proven Shure RF/GSM interference protection blocks errant noise artifacts due to external interference
- Quality design and construction, built to Shure technology and durability standards

### Product Specifications

Microphone Capsule	MEMS
Polar Pattern	Omnidirectional
Frequency Response	45 Hz to 20,000 Hz
Output Impedance	350 $\Omega$
Signal-to-Noise Ratio	65 dB
Maximum SPL	124 dB SPL
Dynamic Range	95 dB, typical
Sensitivity	-44.0 dBFS/Pa @ 1 kHz (Ref. 1 kHz)
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)
Microphone Bias	2.7 V DC through 2.2 K $\Omega$ resistor
Current Drain	245 $\mu$ A, typical
Housing	Cast Zinc
Dimensions With Cable	.22" dia. x .6" x 52" in. (5.5 mm dia. x 15.2 mm x 132 cm)
Net Weight	8.0 g (.28 oz)

### Available SKUs

MVL	Lavalier Condenser Microphone with Drawstring Carrying Pouch, Windscreen and Tie Clip
-----	---

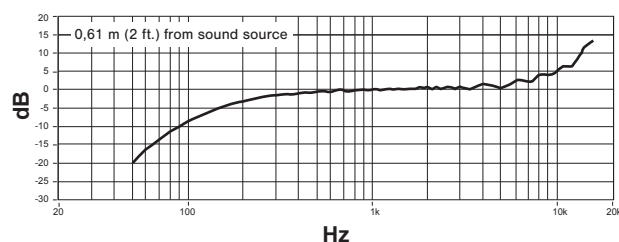
### Furnished Accessories

AMVL-WS	Replacement Foam Windscreen
AMVL-BAG	Drawstring Carrying Pouch
AMVL-CLIP	Metal Tie Mount

### Optional Accessories

AMVL-FUR	Rycote® Mini Windjammer Windscreen
----------	------------------------------------

### Frequency Response



**SHURE**®

LEGENDARY  
PERFORMANCE™

www.shure.com

**ShurePlus**

© 2015 Shure Incorporated



MVL