

# MOTIV<sup>™</sup> DIGITAL MICROPHONES AND RECORDING SOLUTIONS



Legendary performances can happen anywhere. Capture them with plug-and-play digital recording that comes with ninety years of experience. MOTIV Digital Microphones and Recording Solutions are the powerfully compact, stylish and solid solution.

The MOTIV suite makes recording simple and accessible. With seamless Mac/PC/iOS integration, and the free ShurePlus<sup>™</sup> MOTIV mobile app for recording and monitoring with all of the MOTIV digital microphones, the focus is on getting the best take—at home or on the go.

# Product Specifications

## MV5 Digital Condenser Microphone

### Overview

Engineered for quick and easy portable use, the MOTIV™ MV5 Digital condenser microphone delivers convenient, high-quality plug and play audio capture for Mac, PC, iPhone, iPod, iPad and Android devices. Featuring three onboard DSP presets (Vocals, Flat, Instrument) that ensure optimal settings for capturing virtually any sound source. Ideal for everything from music to podcasting to video chats. The MV5 also includes an integrated headphone output for real time monitoring. Tested to the same rigorous quality standards as all Shure products, a low-profile, retro-inspired industrial design is optimized for portable applications and comes in a choice of colors. Ships complete with a detachable desktop stand to easily integrate into any creative space.

### Features

- Apple MFi (Made for iPhone/iPod/iPad) Certified for direct connection to any iOS device without the need for any additional adapters or connection kits.
- 3 DSP Preset Modes (Vocals, Flat, Instrument)
- Automatically applies gain, EQ, compression and limiting for optimal results
- Built-in headphone output for real-time monitoring
- Custom-tuned microphone capsule provides best-in-class audio
- Available in 2 colors: gray with black foam and black with red foam
- Included anodized aluminum desktop stand and integrated thread mount compatible with any standard 1/4" camera tripod thread
- Low-profile, portable design measures only 2.5 inches / 7 cm tall (5.5 inches / 14 cm on included stand)
- Includes one (1) Micro-B-to-USB cable and one (1) Micro-B-to-Lightning® cable

### System Requirements

Windows: Windows 7, Windows 8; 64 MB minimum RAM; USB 2.0

Macintosh: OSX Lion 10.7, OSX Mountain Lion 10.8, OSX Mavericks 10.9, OSX Yosemite 10.10; 64 MB minimum RAM; USB 2.0  
iOS 7.0 and higher: iPhone 5, iPhone 5c, iPhone 5s, iPhone 6, iPhone 6 Plus; iPod touch 5th generation; iPad 4th generation, iPad Air, iPad Air 2; iPad Mini 1st generation, iPad Mini 2nd generation, iPad Mini 3rd Generation

MOTIV™ Digital Microphones and Recording Solutions are compatible with Android devices that support USB Audio Class 2.0 and Micro-B OTG (On-The-Go) connectivity. Not all Android devices are compatible. Android is a trademark of Google Inc.

### Product Specifications

|                                                  |                                                                                                      |
|--------------------------------------------------|------------------------------------------------------------------------------------------------------|
| MFi Certified                                    | Yes                                                                                                  |
| DSP Modes (Presets)                              | Voice/Instrument/Flat                                                                                |
| Type                                             | Electret condenser (16 mm)                                                                           |
| Polar Pattern                                    | Unidirectional (cardioid)                                                                            |
| A/D Converter                                    | Up to 24-bit/48 kHz                                                                                  |
| Frequency Response                               | 20 Hz to 20,000 Hz                                                                                   |
| Adjustable Gain Range                            | 0 to +36 dB                                                                                          |
| Sensitivity<br><i>at Minimum Gain, Flat Mode</i> | -40 dBFS/Pa at 1 kHz<br><i>1 Pa=94 SPL</i>                                                           |
| Maximum SPL<br><i>at Minimum Gain, Flat Mode</i> | 130 dB SPL                                                                                           |
| Headphone Output                                 | 3.5 mm (1/8")                                                                                        |
| Power Requirements                               | Powered through USB or Lightning connector                                                           |
| Microphone Mute                                  | Yes                                                                                                  |
| Mounting Stand                                   | Included                                                                                             |
| Stand adapter                                    | 1/4", 20-thread (standard tripod mount)                                                              |
| Housing                                          | PC/ABS with Die-Cast Zinc Frame                                                                      |
| Net Weight                                       | Without Mounting Stand: 90 g (3.2 oz)<br>With Mounting Stand: 160 g (5.6 oz)                         |
| Dimensions                                       | Without Mounting Stand: 66 × 67 × 65 mm H × W × D<br>With Mounting Stand: 89 × 142 × 97 mm H × W × D |
| Cable                                            | Includes one (1) Micro-B-to-USB cable and one (1) Micro-B-to-Lightning cable                         |

### Available SKUs

|           |                                                                                           |
|-----------|-------------------------------------------------------------------------------------------|
| MV5-LTG   | Gray with black foam, included stand, Micro-B-to-Lightning cable and Micro-B-to-USB cable |
| MV5-B-LTG | Black with red foam, included stand, Micro-B-to-Lightning cable and Micro-B-to-USB cable  |

### Accessories

|         |                                   |
|---------|-----------------------------------|
| AMV5-DS | Desktop Stand                     |
| AMV-USB | Micro-B-to-USB Cable (1 m.)       |
| AMV-LTG | Micro-B-to-Lightning Cable (1 m.) |



MV5

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# Product Specifications

## MV51 Digital Large Diaphragm Condenser Microphone

### Overview

Specifically engineered for high-quality digital audio capture, the all-digital MOTIV™ MV51 large-diaphragm condenser microphone seamlessly connects to any Mac, PC, iPhone, iPod, iPad and Android devices for the ultimate in convenience of digital recording. Equipped with five onboard DSP preset modes to provide optimal recording results, the MV51 includes a unique onboard touch panel control for quick access to gain, mute and headphone volume adjustments. The 1 inch capsule element provides unmatched audio results, which are easily monitored in real-time via the built in 1/8" (3.5mm) headphone output. The striking vintage design and durable all-metal construction includes an integrated kickstand compatible with any standard mic stand, making the MV51 a complete recording solution when convenience is required without sacrifice.

### Features

- Apple MFi (Made for iPhone/iPod/iPad) Certified for direct connection to any iOS device without the need for any additional adapters or connection kits.
- 5 DSP Preset Modes (Speech, Singing, Flat, Acoustic Instrument, Loud)
- Automatically adjusts Gain, EQ, Compression and Limiting for optimal results
- Front panel touch controls for mode selection, headphone volume, microphone gain, and mute
- Built-in headphone output for real-time monitoring
- 1-inch (25mm) microphone capsule element provides best-in-class audio
- Integrated rear kickstand provides optimal positioning on any desktop
- Includes standard 5/8" thread to mount on any microphone stand
- Includes (1) Micro-B-to-USB Cable and (1) Micro-B-to-Lightning® cable
- All-metal construction, vintage-inspired design

### System Requirements

Windows: Windows 7, Windows 8; 64 MB minimum RAM; USB 2.0

Macintosh: OSX Lion 10.7, OSX Mountain Lion 10.8, OSX Mavericks 10.9, OSX Yosemite 10.10; 64 MB minimum RAM; USB 2.0  
iOS 7.0 and higher: iPhone 5, iPhone 5c, iPhone 5s, iPhone 6, iPhone 6 Plus; iPod touch 5th generation; iPad 4th generation, iPad Air, iPad Air 2; iPad Mini 1st generation, iPad Mini 2nd generation, iPad Mini 3rd Generation

MOTIV™ Digital Microphones and Recording Solutions are compatible with Android devices that support USB Audio Class 2.0 and Micro-B OTG (On-The-Go) connectivity. Not all Android devices are compatible. Android is a trademark of Google Inc.

### Product Specifications

|                                                  |                                                                              |
|--------------------------------------------------|------------------------------------------------------------------------------|
| MFi Certified                                    | Yes                                                                          |
| DSP Modes (Presets)                              | Speech/Singing/Acoustic/Loud/Flat                                            |
| Type                                             | Electret condenser, 1-inch (25 mm)                                           |
| Polar Pattern                                    | Unidirectional (cardioid)                                                    |
| A/D Converter                                    | Up to 24-bit/48 kHz                                                          |
| Frequency Response                               | 20 Hz to 20,000 Hz                                                           |
| Adjustable Gain Range                            | 0 to +36 dB                                                                  |
| Sensitivity<br><i>at Minimum Gain, Flat Mode</i> | -39 dBFS/Pa at 1 kHz<br><i>1 Pa=94 SPL</i>                                   |
| Maximum SPL<br><i>at Minimum Gain, Flat Mode</i> | 130 dB SPL                                                                   |
| Headphone Output                                 | 3.5 mm (1/8")                                                                |
| Power Requirements                               | Powered through USB or Lightning connector                                   |
| Microphone Mute                                  | Yes                                                                          |
| Mounting Stand                                   | Built-in                                                                     |
| Stand adapter                                    | 5/8", 27-thread (standard microphone stand mount)                            |
| Housing                                          | All-metal construction                                                       |
| Net Weight                                       | 574.7 g (20.27 oz.)                                                          |
| Dimensions                                       | 128 x 86 x 70 mm H x W x D                                                   |
| Cable                                            | Includes one (1) Micro-B-to-USB cable and one (1) Micro-B-to-Lightning cable |

### Available SKUs

|      |                                                                                 |
|------|---------------------------------------------------------------------------------|
| MV51 | Microphone, one (1) Micro-B-to-USB cable and one (1) Micro-B-to-Lightning cable |
|------|---------------------------------------------------------------------------------|

### Accessories

|         |                                   |
|---------|-----------------------------------|
| AMV-USB | Micro-B-to-USB Cable (1 m.)       |
| AMV-LTG | Micro-B-to-Lightning Cable (1 m.) |



MV51

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# Product Specifications

## MV88 Digital Stereo Condenser Microphone

### Overview

With an innovative mid-side architecture for clean, clear stereo sound, the MOTIV™ MV88 Digital Stereo Condenser Microphone directly connects to any Apple iPhone, iPod or iPad equipped with a Lightning® connector to capture high-quality recordings on the go. The mid-side microphone element is mounted to a unique 90-degree hinge with built-in rotation that allows for highly flexible microphone position, even in video applications. Five built-in DSP preset modes (Speech, Singing, Flat, Acoustic Instrument, Loud) can be accessed via the ShurePlus™ MOTIV™ Recording App, a free download from the Apple App Store. The MOTIV app also allows for real-time adjustments including microphone gain, stereo width, and high-quality 24-bit/48 kHz recording for optimal results in virtually any environment. Shure-tested, all-metal construction provides confident performance in any environment.

### Features

- MFi certified compatible with all iOS devices equipped with a Lightning connector
- Matched cardioid and bi-directional 1 cm cartridges for best-in-class audio
- Mid-side architecture for a phase-perfect, clear stereo image
- 5 DSP preset modes (Speech, Singing, Flat, Acoustic Instrument, Loud)
- Automatically adjusts EQ, compression and limiting for optimal results
- Innovative hinge/rotation design supports multiple recording angles, including video applications
- Free ShurePlus™ MOTIV recording app featuring:
  - 24-bit/48 kHz .wav (uncompressed) recording
  - Control over DSP mode selection, microphone gain, stereo width, raw mid-side adjustments, wind reduction, capsule selection, Left-Right Swap, 5-band EQ and compression/limiting
- All-metal construction engineered to withstand the most demanding recording conditions



MV88

### System Requirements

iOS 7.0 and higher: iPhone 5, iPhone 5c, iPhone 5s, iPhone 6, iPhone 6 Plus; iPod touch 5th generation; iPad 4th generation, iPad Air, iPad Air 2; iPad Mini 1st generation, iPad Mini 2nd generation, iPad Mini 3rd Generation

### Product Specifications

|                                                  |                                                                   |
|--------------------------------------------------|-------------------------------------------------------------------|
| MFi Certified                                    | Yes                                                               |
| DSP Modes (Presets)                              | Speech/Singing/Acoustic/Loud/Flat                                 |
| Transducer Type                                  | Cardioid (1 cm)/Bidirectional Condenser Cartridge (1 cm)          |
| Polar Pattern Selections                         | Adjustable Width Stereo/Mono Bidirectional/Mono Cardioid/Mid-Side |
| A/D Converter                                    | Up to 24-bit/48 kHz                                               |
| Frequency Response                               | 20 Hz to 20,000 Hz                                                |
| Adjustable Gain Range                            | 0 to +36 dB                                                       |
| Sensitivity<br><i>at Minimum Gain, Flat Mode</i> | -37 dBFS/Pa at 1 kHz<br><i>1 Pa=94 SPL</i>                        |
| Maximum SPL<br><i>at Minimum Gain, Flat Mode</i> | 120 dB SPL                                                        |
| Limiter                                          | Yes                                                               |
| Compressor                                       | Yes (adjustable)                                                  |
| Equalizer                                        | 5-band EQ                                                         |
| Power Requirements                               | Powered through Lightning connector                               |
| Housing                                          | All-metal construction                                            |
| Net Weight                                       | 40.5 g (1.43 oz.)                                                 |
| Dimensions                                       | 67 × 25 × 35 mm H × W × D                                         |

### Available SKUs

|      |                                                            |
|------|------------------------------------------------------------|
| MV88 | Microphone with foam windscreen and zippered carrying case |
|------|------------------------------------------------------------|

### Accessories

|           |                                  |
|-----------|----------------------------------|
| AMV88-FUR | Rycote® Windjammer® for MV88     |
| AMV88-WS  | Foam windscreen                  |
| AMV88-CC  | Zippered carrying case           |
| 95A13511  | Headphone monitor adapting cable |

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# Product Specifications

## MVi Digital Audio Interface

### Overview

Delivering the convenience of a professional sound studio on the go, the MOTIV MVi Portable Digital Audio Interface connects any standard XLR microphone or ¼" plug guitar, bass, or keyboard to any Mac, PC, iPhone, iPod, iPad or Android device for seamless, high-quality audio capture. Equipped with 5 built-in DSP preset modes (Speech, Singing, Flat, Acoustic Instrument, Loud), the MVi includes a unique onboard touch panel control for quick access to gain, mute and headphone volume adjustments in real time. A portable, low-profile footprint with all-metal construction that is designed, built and rigorously tested by Shure to ensure reliable performance in any environment.

### Features

- Apple MFi (Made for iPhone/iPod/iPad) Certified for direct connection to any iOS device without the need for any additional adapters or connection kits
- Discrete JFET Class A buffered instrument preamplifier input for exceptional tone and clarity
- Supplies 12-48v phantom power (12v-iOS/48v-USB)
- 5 DSP Preset Modes (Speech, Singing, Flat, Acoustic Instrument, Loud)
- Automatically adjusts EQ, Compression and Limiting for optimal results
- Front panel touch controls for mode selection, headphone volume, microphone gain, and mute
- Built-in headphone output for real-time monitoring
- Combo XLR or ¼" jack connects XLR microphone or ¼" plug guitar/bass/keyboard
- Includes one (1) Micro-B-to-USB cable and one (1) Micro-B-to-Lightning® cable
- All-metal construction designed, built and rigorously tested by Shure

### System Requirements

Windows: Windows 7, Windows 8; 64 MB minimum RAM; USB 2.0

Macintosh: OSX Lion 10.7, OSX Mountain Lion 10.8, OSX Mavericks 10.9, OSX Yosemite 10.10; 64 MB minimum RAM; USB 2.0  
iOS 7.0 and higher: iPhone 5, iPhone 5c, iPhone 5s, iPhone 6, iPhone 6 Plus; iPod touch 5th generation; iPad 4th generation, iPad Air, iPad Air 2; iPad Mini 1st generation, iPad Mini 2nd generation, iPad Mini 3rd Generation

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### Product Specifications

|                                                         |                                                                              |
|---------------------------------------------------------|------------------------------------------------------------------------------|
| MFi Certified                                           | Yes                                                                          |
| DSP Modes (Presets)                                     | Speech/Singing/Acoustic/Loud/Flat                                            |
| Input                                                   | Combination XLR and ¼" (6.35 mm) TRS                                         |
| Input Impedance                                         | 3-pin XLR: >2 kΩ<br>¼" TRS: >1 MΩ                                            |
| Bit Depth                                               | 16-bit/24-bit                                                                |
| Sampling Rate                                           | 44.1/48 kHz                                                                  |
| Frequency Response<br><i>at minimum gain, flat mode</i> | 20 Hz to 20,000 Hz                                                           |
| Adjustable Gain Range                                   | 3-pin XLR: 0 to +36 dB<br>¼" TRS: +9 dB                                      |
| Maximum Input Level                                     | 3-pin XLR: 0 dBV<br>¼" TRS: +9 dBV                                           |
| Headphone Output                                        | 3.5 mm (1/8")                                                                |
| Power Requirements                                      | Powered through USB or Lightning connector                                   |
| Phantom Power                                           | USB: +48 VDC<br>iOS: +12 VDC                                                 |
| Input Mute                                              | Yes                                                                          |
| Housing                                                 | All-metal construction                                                       |
| Net Weight                                              | 310.0 g (10.93 oz.)                                                          |
| Dimensions                                              | 42 × 84 × 72 mm H × W × D                                                    |
| Cable                                                   | Includes one (1) Micro-B-to-USB cable and one (1) Micro-B-to-Lightning cable |

### Available SKUs

|         |                                                                                |
|---------|--------------------------------------------------------------------------------|
| MVi-LTG | Interface, one (1) Micro-B-to-USB cable and one (1) Micro-B-to-Lightning cable |
|---------|--------------------------------------------------------------------------------|

### Accessories

|         |                                   |
|---------|-----------------------------------|
| AMV-USB | Micro-B-to-USB Cable (1 m.)       |
| AMV-LTG | Micro-B-to-Lightning Cable (1 m.) |



MVi

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# 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<br>(Ref. 1 kHz)                                                      |
| Equivalent Output Noise | 29 dB A-weighted                                                                           |
| Microphone Connector    | 3.5 mm (1/8") TRRS<br>(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.<br>(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 |
|-----|---------------------------------------------------------------------------------------|

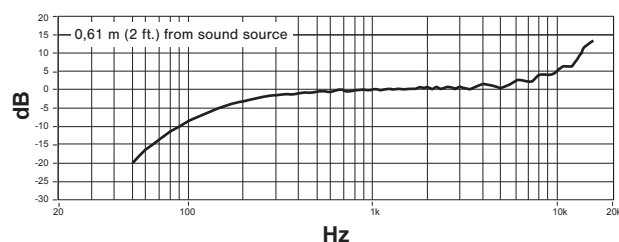
### Furnished Accessories

|           |                             |
|-----------|-----------------------------|
| 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



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MVL

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