MV6

USB Gaming Microphone

In the online user guide for MV6, learn how to set up, use, and configure the MV6 USB microphone.

Version: 1.4 (2026-I)

Table of Contents

MV6 USB Gaming Microphone **3**

Update Firmware **3**

Important Safety Instructions for Passive Microphones **3**

SAFETY PRECAUTIONS 3

General Description **4**

Features 4

Connect via USB-C **4**

Quick Setup with MOTIV Mix 5

MV6 Outputs **5**

The MOTIV Mix Desktop App **6**

Mic Setup in MOTIV Mix 6

LED Mute Button **6**

LED Behavior 6

Update Your Firmware **7**

Keep equipment connected during updates 7

System Requirements **7**

System Requirements and Compatibility: Mac 7

System Requirements and Compatibility: Windows 7

System Requirements and Compatibility: iOS 8

System Requirements and Compatibility: Android 8

Additional Resources **8**

Specifications **8**

Accessories **10**

Furnished Accessories 10

Replacement Parts 11

Certifications **11**

Information to the user 11

Environmental Regulatory Information 12

MV6
USB Gaming Microphone

Update Firmware

For the best experience, keep the firmware on your device up to date.

Important Safety Instructions for Passive Microphones

SAFETY PRECAUTIONS

Before using this product, please read and save the enclosed warnings and safety instructions.

⚠	WARNING: Ignoring these warnings may cause severe injury or death as a result of incorrect operation. If water or other foreign objects enter the inside of the device, fire or electric shock may result. Do not attempt to modify this product. Doing so could result in personal injury and/or product failure.
⚠	CAUTION: Ignoring these cautions may cause moderate injury or property damage as a result of incorrect operation. Never disassemble or modify the device, as failures may result. Do not subject to extreme force and do not pull on the cable or failures may result. Keep the microphone dry and avoid exposure to extreme temperatures and humidity.



High sound pressure

Hearing damage risk

To prevent possible hearing damage, do not listen at high volume levels for long periods.

WARNING

LISTENING TO AUDIO AT EXCESSIVE VOLUMES CAN CAUSE PERMANENT HEARING DAMAGE. USE AS LOW A VOLUME AS POSSIBLE. Over exposure to excessive sound levels can damage your ears resulting in permanent noise-induced hearing loss (NIHL). Please use the following guidelines established by the Occupational Safety Health Administration (OSHA) on maximum time exposure to sound pressure levels before hearing damage occurs.

90 dB SPL **at 8 hours**	**95 dB SPL** at 4 hours	**100 dB SPL** at 2 hours	**105 dB SPL** at 1 hour

110 dB SPL **at ½ hour**	**115 dB SPL** at 15 minutes	**120 dB SPL** Avoid or damage may occur

General Description

The MV6 USB Gaming Microphone features everything gamers and streamers need to get professional sound right out of the box. Combining iconic design, Voice Isolation Technology and advanced DSP features such as Auto Level Mode, Digital Popper Stopper™, and Real-time Denoiser, the MV6 makes pro-level sound even more accessible. The MV6 features a USB-C output for connectivity to any PC, Mac, phone, or tablet and a 3.5mm headphone output for real-time monitoring of your sound. Configure your sound using the free Shure MOTIV Mix™ app on desktop or the MOTIV mobile apps for Android and iOS.

Features

DSP That Brings Sound to Life

The MV6 features ensure you always get professional sound without needing any audio experience. Adjust settings and features in the MOTIV Mix™ app. These features are turned on by default, so you can unbox, plug in, and go:

- **Auto Level Mode:** With our state-of-the-art Auto Level Mode, your MV6 intelligently adjusts microphone gain in real-time based on your distance from the microphone and volume level for consistent sound at all times. Whether you're in the heat of an intense gaming session or quietly chatting with your followers on stream, the MV6 guarantees perfect audio levels at all times.
- **Digital Popper Stopper™:** Inspired by our acclaimed MV7+, the Digital Popper Stopper™ technology effectively eliminates harsh plosive sounds, delivering clear, distraction-free audio without needing a physical pop filter.
- **Real-time Denoiser:** Our intelligent DSP technology within the MV6 removes unwanted background noise, from humming fans to whirring air conditioners to ensure only your voice is captured and nothing else.
- **Voice Isolation Technology:** The MV6's combination of dynamic capsule and cardioid pick up pattern ensures that the microphone doesn't capture any unwanted background or room noise for crystal-clear audio every time.

Tap-to-mute Button

Privacy at your fingertips. The MV6's tap-to-mute button offers immediate control, allowing you to mute your microphone instantly whenever you need a moment of silence.

USB-C and 3.5 mm Headphone Output

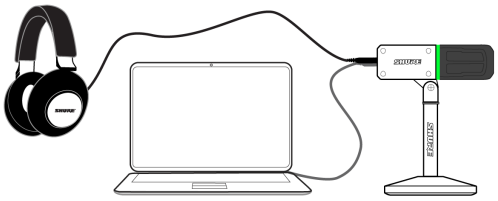
The MV6 is designed for modern setups, featuring a USB-C output for instant connection to any computer, phone, or tablet and a 3.5 mm output for real-time headphone monitoring. Configure your monitor mix in the MOTIV Mix™ app to balance what you hear in your headphones between computer audio and microphone playback.

Everything Included

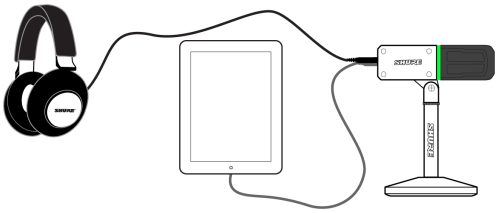
The MV6 comes with everything you need to start your audio journey, including a sturdy round base desktop stand and a 1 m USB-C cable. Get connected and start creating instantly.

Connect via USB-C

1. Plug the included USB-C cable into your MV6.
2. Connect the other end of the USB-C cable to your compatible laptop, phone, or tablet.
3. Plug your headphones into the monitor output.



Connecting to a Computer



Connecting to a Tablet

Quick Setup with MOTIV Mix

1. **Use the USB-C cable to plug the microphone into your computer.**

   The LED panel on the MV6 will pulse when the connection is made.

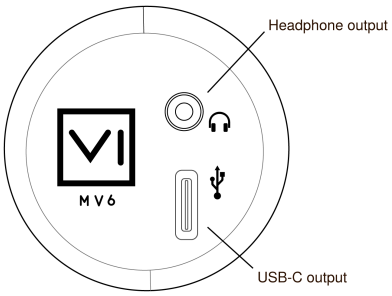
2. **Download MOTIV Mix at http://www.shure.com/MOTIVMix.**

   Your computer may request permission to use the external device the first time the app is opened.

3. **Select your microphone from the Sources panel.**

   Access customized controls for your MOTIV microphone via the settings gear icon in MOTIV Mix.

MV6 Outputs



- **3.5 mm monitor output:** Connect to headphones and earphones for latency-free monitoring
- **USB-C:** Use the included USB-C cable to connect to your computer, phone, or tablet

The MOTIV Mix Desktop App

MOTIV Mix is a robust Mac and Windows application that allows you to configure a microphone, record sounds, and save audio recordings from any microphone connected to your computer. For a full description of the features and capabilities of MOTIV Mix, see the MOTIV Mix user guide.

Use the MOTIV Mix desktop app to quickly adjust settings on the MV6. To adjust MV6 settings in MOTIV Mix, select the gear icon next to the microphone name or in the input panel on the mixer. The device stores the most recently used settings for quick setup.

Mic Setup in MOTIV Mix

MOTIV Mix enables you to change the settings on your MV6 to match your application perfectly. Auto Level mode automatically adjusts gain in the moment for clear, quality output. Auto Level mode is the default setting on MV6. For a more detailed control of settings, Manual mode allows you to customize settings to fit your specific application.

- **Mute/Unmute** Mute and unmute the MV6 in MOTIV Mix. The MV6 can also be muted or unmuted by touching the mute button.
- **Disable Mute Button** When Disable Mute Button is active, the physical mute control on the microphone is disabled. Mute can still be controlled through the app. Mute doesn't persist through a power cycle and will turn off when the mic restarts or is unplugged and plugged back in.
- **Firmware Update** When a new firmware update is available, select the Firmware Update Available button to update the device.
- **Gain** Auto level mode automatically adjusts gain applied to the microphone. Manual mode gives full control over the microphone gain. Use the slider to adjust microphone gain in Manual mode.
- **Monitor Mix** Move the sliders to adjust the levels of mic and PC sound sources in the headphones connected to the device.
- **Tone** Adjust the tone of the MV6 between Dark, Natural, and Bright by moving the slider.
- **Real-time Denoiser** Enable or disable the Real-time Denoiser DSP to help reduce unwanted noise.
- **Digital Popper Stopper™** Enable or disable the Popper Stopper DSP to detect and reduce plosives.
- **High Pass Filter** Reduce unwanted low-frequency rumbling noise with a high pass filter at 75 Hz or 150 Hz.
- **Reset to Defaults** Select Reset to Defaults to reset your device to factory settings. This will remove all changes you have made to the device.

Auto Level Mode, Real-time Denoiser, and the Digital Popper Stopper are optimized for speech. When using the MV6 for other applications, like singing or playing a musical instrument, disable Auto Level Mode, Real-time Denoiser, and the Digital Popper Stopper for the best recording.

LED Mute Button

Touch the mute button to mute or unmute the microphone. When the device is muted, the LED microphone icon will be solid red.

LED Behavior

Pulses amber: Powering on. The MV6 is connecting to the computer, phone, or tablet.

Turns green USB-C connection success. On successful connection to the computer, phone, or tablet, the mute button will turn green.

Continues pulsing amber: USB-C connection failure. If the microphone is unable to connect to the computer, phone, or tablet, the mute button will continue to pulse amber. Unplug the microphone and plug back in.

Turns red: MV6 is muted. When the device is muted, the mute button will turn red.

Flashes amber quickly: Firmware update. While the microphone firmware is updating, the LED panel quickly flashes amber. Keep the microphone connected until the firmware update is complete.

Flashes amber and green: Identify. When the device is identified from MOTIV Mix, the mute button will flash amber and green.

Flashes red continuously: Error. The mute button will flash red when an error occurs.

Update Your Firmware

Take advantage of additional features and design enhancements by updating the app's firmware. When an update is available, a green dot will appear next to Firmware Update in the app settings menu. Follow the onscreen step-by-step instructions to update. The progress bar displays progress percentage and the process will include pauses.

1. The notification will let you know that a firmware update is available. You can also open the Settings tab to check for available updates.
2. You have the option to update immediately or update later.
3. View update progress so you know how much time is left in the update. You will receive a success or failure notification when the update is complete. If update is a failure, be sure to quit the app completely before attempting again. You may need to force quit the app to confirm that it isn't running in the background. Check connections, wait 5 minutes, and try again. Check the list below for tips on a successful update.

If you run into problems updating the firmware, new versions of the firmware can be uploaded and installed using the Shure Update Utility.

For release notes and more details about releases, visit the Software and Firmware Archive.

Keep equipment connected during updates

Keep your MOTIV device connected to your computer or mobile device when updating to ensure that there are no update issues.

System Requirements

Check the MOTIV Mix app or MOTIV mobile apps for the latest information on system requirements and compatibility.

System Requirements and Compatibility: Mac

- MacOS 12 and higher
- Minimum 8 GB of RAM
- Minimum 20% of hard disk space

System Requirements and Compatibility: Windows

- Windows 10 and higher
- Minimum 8 GB of RAM
- Minimum 20% of hard disk space

System Requirements and Compatibility: iOS

- **iOS:** iOS 16 and higher

System Requirements and Compatibility: Android

Will work with any Android device that has:

- Android 12.0 (Snow Cone) and higher
- USB Audio Class 2.0 support and higher
- Bluetooth 5.0 and higher

Android is a trademark of Google Inc.

Note: See the compatibility tab on product pages for information on recommended Android devices. MoveMic One, MoveMic Two, MoveMic Two Receiver Kit and MoveMic Receiver.

Additional Resources

- Shure Knowledge Base FAQs
- Training from the Shure Audio Institute
- Microphone Techniques for Recording
- Houses of Worship Systems Guide
- Shure Performance & Production YouTube channel
- Shure Creators YouTube channel

Download Shure Software

- Software and firmware archive

Specifications

Transducer Type

Dynamic (moving coil)

Polar Pattern

Unidirectional (Cardioid)

A/D Converter

16 or 24-bit, 44.1 or 48 kHz

Frequency Response

50 Hz to 15,000 Hz

Adjustable Gain Range

0 to +36 dB

Sensitivity

(@ 1 kHz)

-34.7 dBFS/Pa [1][2] (1.78 mV)

USB-C Maximum SPL
128 dB SPL [2]

On-Board DSP
Auto-Level Mode, Digital Popper Stopper, Real-time Denoiser, Tone Slider, High-Pass Filter

Headphone Output
3.5 mm (1/8″)

Power Requirements
USB Audio Class 2 (UAC2), Powered through USB-C bus power (USB 2.0 or higher)

MFi Certified
Yes

Software Compatibility

Desktop	MOTIV Mix™ Desktop App
Mobile	ShurePlus™ MOTIV Audio & Video Apps

Connector Type
USB-C

Mounting Type
5/8" - 27 thread mount

Housing
Diecast zinc alloy

Net Weight
(of MV6, stand, and base)

1287 g (2.83 lbs)

Dimensions (MV6)
169 mm x 51 mm (6.6 in. x 2.0 in)

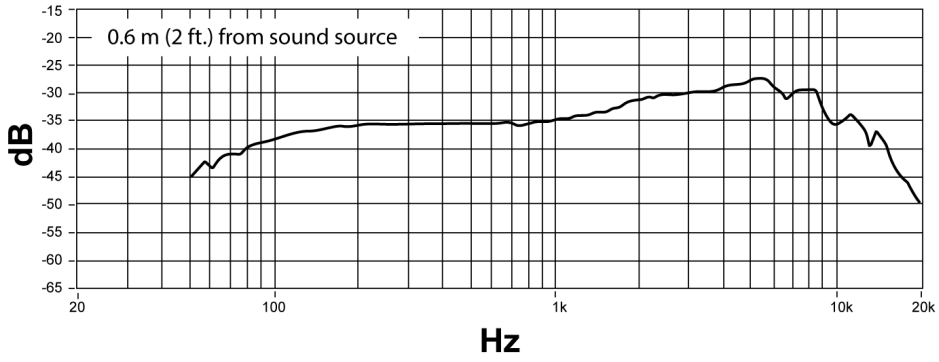
Dimensions (MV6 in base)
295 mm x 169 mm x 127 mm (11.6 in x 6.6 in x 5.0 in)

[1] 1 Pa=94 dB SPL

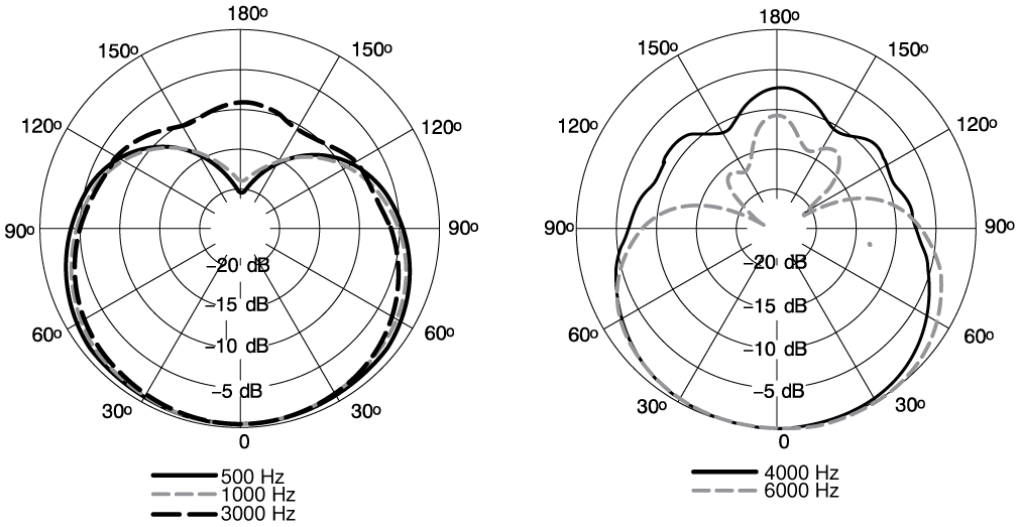
[2] At Minimum Gain, Flat Mode

Bit Depth	Sampling Rate
24	48 kHz
24	44.1 kHz

Bit Depth	Sampling Rate
16	48 kHz
16	44.1 kHz



Typical Frequency Response



Typical Polar Pattern

Accessories

Furnished Accessories

1 meter USB-C to USB-C Cable	
Black Foam Windscreen	AMV6WS
5/8" to 3/8" Thread Adapter	31A1856

Replacement Parts

3 meter USB-C to USB-C Cable	95C52640
15" USB-C to Lightning Cable [1]	AMV-USBC-LTG15
Black Foam Windscreen	AMV6WS
Desktop Stand	DESKTOP-1
Desktop Stand with Boom	DESKTOP-2

[1] The AMC-USBC-LTG15 cable is crucial when using the MV6 with iPhones and iPads that use a Lightning connector.

Certifications

Information to the user

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the manufacturer's instruction manual, may cause interference with radio and television reception.

Notice: The FCC regulations provide that changes or modifications not expressly approved by Shure Incorporated could void your authority to operate this equipment.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

This Class B digital apparatus complies with Canadian ICES-003. Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

For information regarding responsible party and other matters relating to FCC compliance, please contact Shure Incorporated, 5800 W. Touhy Avenue, Niles, Illinois 60714-4608 U.S.A. shure.com/contact

Industry Canada ICES-003 Compliance Label: CAN ICES-3 (B)/NMB-3(B)

Canada, ISED Notice

Notice: The Industry Canada regulations provide that changes or modifications not expressly approved by Shure Inc. could void your authority to operate this equipment.

This microphone for use with any microphone stand with a 5/8" threaded adapter.

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.

CE Notice

Hereby, Shure Incorporated declares that this product with CE Marking has been determined to be in compliance with European Union requirements.

The full text of the EU declaration of conformity is available at the following site: https://www.shure.com/en-EU/support/declarations-of-conformity.

UKCA Notice

Hereby, Shure Incorporated declares that this product with UKCA Marking has been determined to be in compliance with UKCA requirements.

The full text of the UK declaration of conformity is available at the following site: https://www.shure.com/en-GB/support/declarations-of-conformity.

This product meets the Essential Requirements of all relevant European directives and is eligible for CE marking.

Made for iPad (5th generation), iPad (6th generation, iPad (7th generation, iPad (8th generation), iPad Air 2, iPad Air 3, iPad Mini 4, iPad Mini 5, iPad Pro 9.7-inch (1st generation), iPad Pro (12.9-inch) 1st generation, iPad Pro 10.5-inch 2017 (2nd generation), iPad Pro 12.9-inch 2017 (2nd generation), iPhone 6s, iPhone 6s Plus, iPhone SE, iPhone 7, iPhone 7 Plus, iPhone 8, iPhone 8 Plus, iPhone X, iPhone Xs, iPhone Xs Max, iPhone XR, iPhone 11, iPhone 11 Pro, iPhone 11 Pro Max, iPhone 12, iPhone 12 Mini, iPhone 12 Pro, iPhone 12 Pro Max, iPhone SE 2, iPod Touch (7th generation).

iPad, iPhone, iPod and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries. iPad Air, iPad mini, and Lightning are trademarks of Apple Inc. The trademark “iPhone” is used in Japan with a license from Aiphone K.K.

Android Compatibility

This equipment is compatible with Android devices that support USB Audio Class 2.0 and USB-C connectivity. Not all Android devices are compatible. Android is a trademark of Google Inc.

Recycling Information

Please consider the environment, electric products and packaging are part of regional recycling schemes and do not belong to regular household waste.

Environmental Regulatory Information

Waste Electrical and Electronic Equipment (WEEE) Directive



In the European Union and the United Kingdom, this label indicates that this product should not be disposed of with household waste. It should be deposited at an appropriate facility to enable recovery and recycling.

Registration, Evaluation, Authorization of Chemicals (REACH) Directive

REACH (Registration, Evaluation, Authorization of Chemicals) is the European Union (EU) and the United Kingdom (UK) chemical substances regulatory framework. Information on substances of very high concern contained in Shure products in a concentration above 0.1% weight over weight (w/w) is available upon request.