



MV6G2

MV6 USB Gaming Microphone Gen 2

Online user manual for the MV6 USB Gaming Microphone Gen 2, how to set up and configure the mic and utilize features like Auto Level Mode, Digital Popper Stopper, and Real-time Denoiser.
Version: 0.2 (2026-I)

Table of Contents

MV6G2 MV6 USB Gaming Microphone Gen 2	3	Using the MV6 Gen 2 with MOTIV	14
Important Safety Instructions for Passive Microphones	3	The MOTIV Audio Application	14
SAFETY PRECAUTIONS	3	The MOTIV Video Application	15
General Description	4	MOTIV Mix Recording App Essentials	17
Features	4	What Can I Do With MOTIV Mix?	18
Connect via USB-C	4	Quick Setup with MOTIV Mix	18
MV6 Gen 2 Outputs	5	Update Your Firmware	19
Two Ways to Mute your Microphone	5	Tips to ensure a reliable update.	19
MV6 Gen 2 LED Indicators	6	MV6 Gen 2 Troubleshooting	19
Mic Setup in the MOTIV App	6	System Requirements	20
Auto Level Mode (ALM)	7	System Requirements and Compatibility: Mac	20
Mic Settings	9	System Requirements and Compatibility: Windows	20
Auto Level Device Settings	9	System Requirements and Compatibility: iOS	21
MV6 Gen 2 Presets	11	System Requirements and Compatibility: Android	21
Reducing Background Noise with Voice Denoiser	12	Additional Resources	21
Stop Pops with the Digital Popper Stopper	12	Specifications	21
Advanced Digital Signal Processing (DSP) Settings	12	Accessories	24
Adjusting the Sound of Your Tone	12	Furnished Accessories	24
Equalizer (EQ)	12	Replacement Parts	24
Applying the High Pass Filter (HPF)	13	MOTIV DSP Feature Table	24
Using the Disable Mute Button	13	Glossary	25

MV6G2

MV6 USB Gaming Microphone Gen 2

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 Gen 2 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 Gen 2 makes pro-level sound even more accessible. The mic features USB-C output for connectivity to any PC, Mac, phone, or tablet and a 3.5mm headphone output for real-time sound monitoring. Configure your sound using the free Shure MOTIV Mix™ app on desktop or the MOTIV Audio and Video mobile apps for Android and iOS.

Features

Advanced Digital Signal Processing (DSP)

Built-in MV6 Gen 2 DSP features ensure that you always get professional sound without needing any audio experience. Use the MOTIV app to adjust settings and additional controls. 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 Gen 2 adjusts microphone gain in real-time based on your mic distance and volume level for consistent audio levels, whether you're in a gaming session or chatting on stream.
- **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.
- **Voice Denoiser:** MV6 Gen 2 DSP technology removes unwanted background noise, like fans and air conditioners to ensure that only your voice is captured.
- **Voice Isolation Technology:** The combination of dynamic capsule and cardioid pick up pattern ensures that the microphone doesn't capture unwanted background or room noise for audio clarity in untreated recording environments

Tap-to-mute Button

Quickly mute the microphone with a single tap for immediate control, whenever you need a moment of silence.

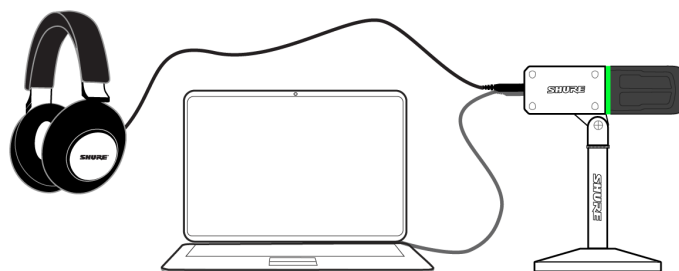
USB-C and 3.5 mm Headphone Output

Connect the mic to a 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 system audio and microphone playback.

Everything Included

The microphone comes with a sturdy round base desktop stand and a 2 m USB-C cable to start recording and streaming right away.

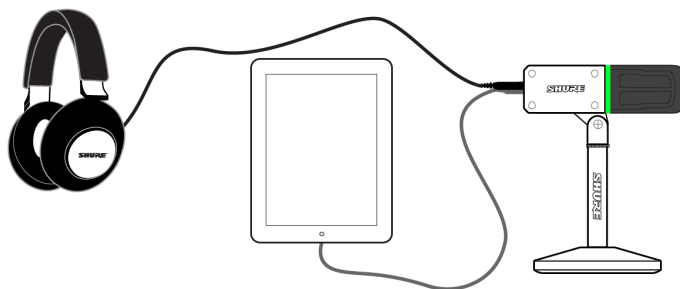
Connect via USB-C



Connecting to a Computer

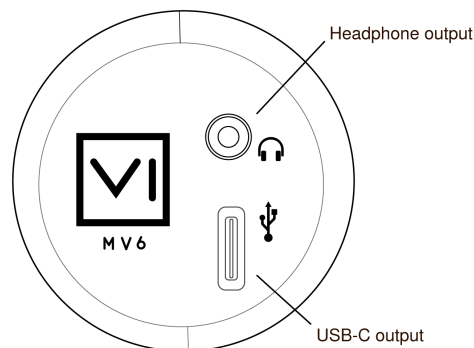
1. Connect the included USB-C cable to the microphone.
2. Connect the other end of the USB-C cable to your compatible laptop, phone, or tablet.
3. To monitor your audio, connect headphones to the 3.5 mm headphone monitor output.

The microphone receives power and sends audio through the same USB-C connection, making setup quick and simple.



Connecting to a Tablet

MV6 Gen 2 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

Two Ways to Mute your Microphone

1. **Use the Mute Button on the Microphone** Stop audio from passing through the microphone by tapping the mute button. When the device is muted, the LED microphone icon will be solid red and the audio stream is cut off. Tap the mute button again to unmute the mic and continue passing audio.
2. **Use the MOTIV Mix app to Mute** Find the channel for your microphone and tap the mute icon to stop audio from passing. The microphone LED will be solid red. Tap the mute icon again to unmute the mic and continue passing audio.

When Mute Lock is engaged in MOTIV Mix, the mute button will flash red three times when touched.

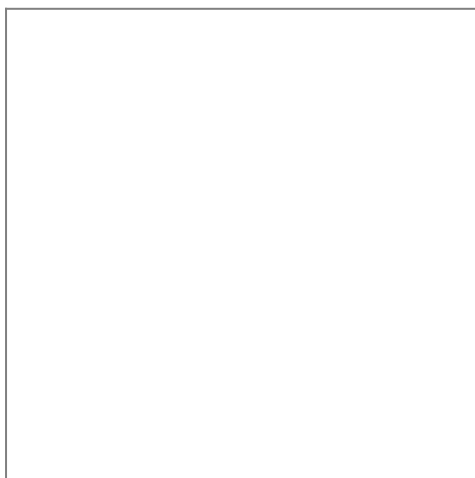
MV6 Gen 2 LED Indicators

LED	Status
Solid green	Connection is made between mic and device
Off	Connection has failed or app is off
Solid red	Mic has been muted
Flashing amber	Powering on. Connection is in progress
Continues pulsing amber	Mic is not connecting to device. Unplug the microphone and plug back in.
Flashing red 3 times	Mute Lock is on. Turn off Mute Lock in MOTIV Mix. When mute lock is enabled in MOTIV Mix, the mute button flashes red 3 times when touched.
Quick flashing amber	Firmware update is in progress. Keep mic connected during process.
Flashing amber and green	Device identified using MOTIV Mix
Persistent flashing red	Mic or device error. Re-connect the device and restart the app.

Note: Upon first connection, the LED is amber and turns green once the device is ready.

Mic Setup in the MOTIV App

The MOTIV app enables you to change the settings on your MV6 Gen 2 to match your application. Auto Level mode automatically adjusts gain in the moment for clear, quality output. Auto Level mode is the default setting. For a more detailed control of settings, Manual mode allows you to customize settings to fit your specific application.



- **Presets** Quickly load a saved sound profile or save your current settings as a new custom preset.

- **Output Levels** Tap the headphone icon to adjust the balance of microphone and playback audio sources that you can hear. For best results, start monitoring at the midpoint and adjust.
 - Raise the mic level slider to hear more of the audio going into the microphone. For example when you are singing over a recorded guitar track and want to clearly hear your voice.
 - Raise the playback level slider to hear more of the recorded track playing back. When you want to clearly hear the original recording.
- **Mute/Mute Lock** Mute and unmute the microphone and lock its mute status to prevent accidental changes. When Mute Lock is enabled, the mute button will flash red three times when touched.

Mute Lock doesn't persist through a power cycle and will turn off when the microphone restarts or is unplugged and plugged back in.

- **Gain** Auto level automatically adjusts gain applied to the microphone. Switch to Manual mode to adjust mic gain with the slider.
- **Monitor Mix** Move the sliders to adjust the levels of mic and PC sound sources in the headphones connected to the device.
- **Tone** Choose between Dark, Natural, or Bright with the slider to shape your voice sound.
- **Voice Denoiser** (Auto) Enable the Voice Denoiser to capture clean audio and reduce unwanted background noise caused by projectors, HVAC systems, or other environmental noise. This dynamic processor calculates the noise floor in less than desirable acoustic environments and removes noise throughout the entire spectrum with maximum transparency. Use in rooms with controlled acoustics and minimal echoes for the clear and natural speech sound.
- **Digital Popper Stopper™** (Auto) Detects and reduces vocal plosives from "p" and "b" sounds without a physical pop filter.
- **High Pass Filter** (Manual) Reduce unwanted low-frequency rumbling and proximity effect with 75 Hz or 150 Hz frequency filters.
- **Device Information** View the microphone model, serial number, and firmware version.
- **Firmware Update** When new firmware is available, select the Firmware Update Available button to update the device.
- **Reset to Defaults** Tap Reset to Defaults to restore your device to its factory settings and remove all changes you have made.

Tip: Auto Level Mode, Real-time Denoiser, and the Digital Popper Stopper are optimized for speech recording. When using the MV6 Gen 2 for other applications, like singing or playing a musical instrument, disable these vocal filter features for the best recording.

Auto Level Mode (ALM)

Auto Level Mode automatically adjusts the microphone gain in real time based on your voice level and distance from the microphone. This helps to maintain consistent sound, hands free. So if your voice level changes, for example, you move away from the microphone or move when you talk, the ALM makes the adjustment for you. This allows you to focus on your content and not the audio record settings.

Auto Level Mode is optimized for spoken voice applications like gaming, streaming, podcasting, and online meetings. Turn off Auto Level Mode when recording music, singing, or any time you want full control over dynamics.

Use the following suggestions as a great starting point for your most common voice recording needs. Then, experiment to find which mic placement works best for you. The closer you can get to the microphone, the better, but Auto Level Mode helps you to sound your best with less effort.

Target Level

Use Target Level to control how consistently your voice is processed.

- **Low** provides a more natural sound with minimal processing.
- **Medium** balances natural sound and consistency.
- **High** balances natural sound and consistency.

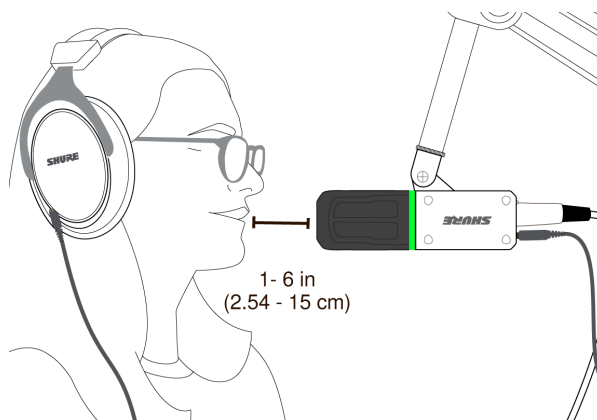
Adaptation Rate

Use Adaptation Rate to control how quickly Auto Level Mode responds to changes in your voice level.

- **Dynamic** responds more quickly to changes in volume.
- **Stable** makes adjustments more gradually for a smoother, more natural, sound.

Choose the setting that best matches your speaking style and recording environment.

Near

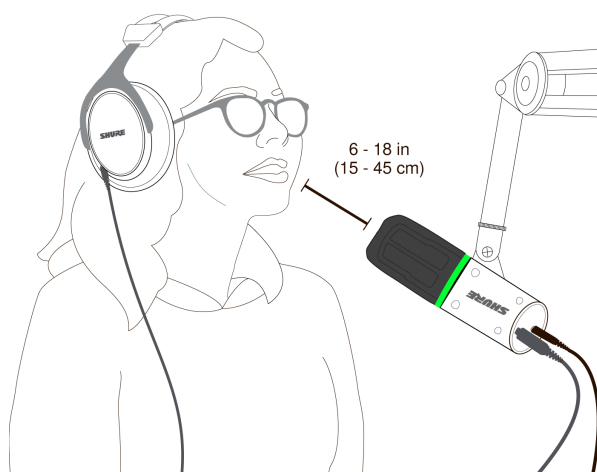


For podcast and voice recording applications. Position the microphone in front of and as close to your face as possible. Speak directly into the mic from 1-6 inches (2.54 - 15 cm) away for a more intimate voice sound with maximum rejection of off-axis sounds.

Speaking closer to the microphone results in more bass response, like voices heard on a radio broadcast. Make additional gain adjustments if necessary.

The near position is best for podcasts and voice recording in controlled environments when you want a warm, full sound.

Far



Select the Far choice when the sound source is farther from the microphone, like during gaming or streaming sessions when you need to be closer to the screen or gaming console.

Aim the microphone directly at the sound source and position it 6 to 18 inches (15 to 45 cm) away.

The far option is best when you need flexibility to move while maintaining a consistent audio quality.

Tip: Because the microphone is highly directional, point the microphone directly towards the sound source. Experiment with mic placement to find the position where it sounds best for your setup. Make additional gain adjustments as necessary.

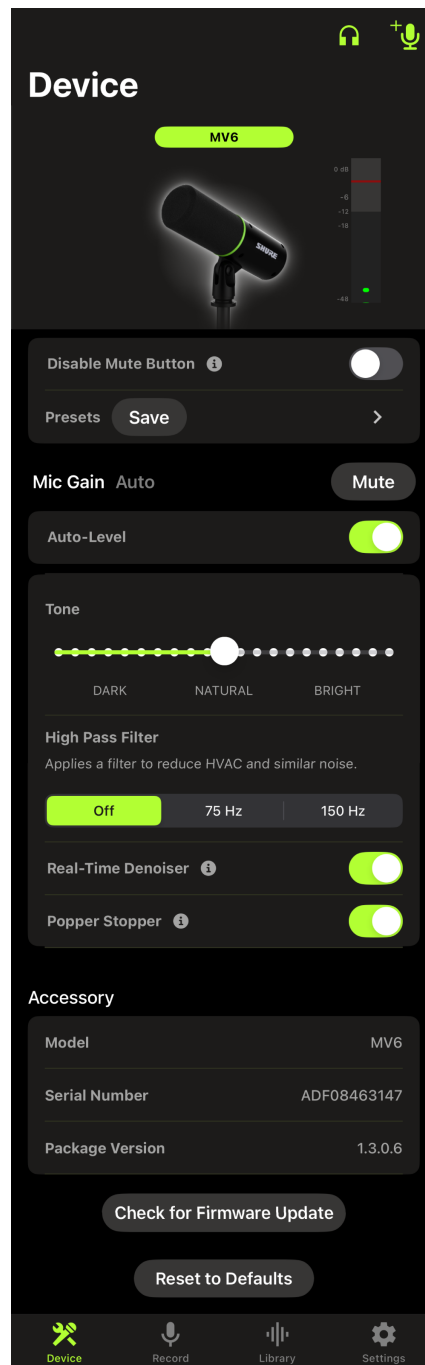
Mic Settings

Use the MOTIV app to change microphone settings and to record, edit, and share audio. The device stores the most recently used settings for quick setup each time you record.

Tip: Turn on Airplane Mode and Do Not Disturb to prevent interruptions to the recording caused by phone calls, text messages, or alerts.

Auto Level Device Settings

The MV6 Gen 2 comes equipped with onboard digital signal processing (DSP) with zero-latency. With the option to use Auto Level or Manual modes, you can change your mic settings to match your application. Auto Level mode automatically adjusts gain in the moment for clear, consistent, quality output. For more detailed control over your sound, use Manual mode to customize settings.



- **Presets** Tap the caret to quickly access your previously saved presets. Or tap the Save button to save a new preset using current settings. See Presets and Custom Presets topics for more information.
- **Mic Gain/Mute Button** Mic gain value is shown in decibels. Use the Mic Gain slider to manually adjust volume levels. Mute and unmute the mic input by tapping the Mute button.
- **Auto-Level** Auto-Level mode automatically adjusts gain applied to the microphone. Auto-level mode is optimized for speech recording. Toggle Auto-level off to control gain manually.
- **Tone** Adjust the tonal qualities of your audio by selecting Dark, Natural or Bright tone. Tone controls a variety of settings to quickly dial in the sound that works best for your voice.
- **XLR Phantom Power (+48V)** Toggle on phantom power when using a condenser microphone.

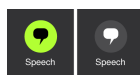
- **High Pass Filter** Choose no HPF for the most natural sound. Or select 75 Hz or 150 Hz to reduce wind noise, room and HVAC sound, or proximity effect.
 - **75 Hz Low frequency cutoff** Provides a 6 dB-per-octave cutoff at 75 Hz. Helps eliminate floor rumble and low-frequency room noise from heating and air conditioning systems. This setting may also be used to compensate for proximity effect or to reduce low frequencies that make an instrument sound dull or muddy.
 - **150 Hz Low frequency rolloff** Provides a 6 dB-per-octave rolloff filter at 150 Hz. Use this to compensate for proximity effect or to reduce low frequencies that could make an instrument sound dull or muddy.
- **Real-time Denoiser** Capture clean audio and significantly reduce the amount of unwanted noise in the signal caused by projectors, HVAC systems, or other environmental noise. This dynamic processor calculates the noise floor in less than desirable acoustic environments and removes noise throughout the entire spectrum with maximum transparency. Use in rooms with controlled acoustics and minimal echoes for the most natural speech sound.
- **Digital Popper Stopper** Use the Popper Stopper to remove harsh vocal plosives that can occur when we make sounds like “p” and “b”. This feature eliminates the need for a physical pop filter in front of the microphone.
- **Accessory Information** The model name, serial number and firmware version of the attached MOTIV device.
- **Check For Firmware Update** Tap the Check For Firmware Update button to find the latest firmware version and take advantage of additional features and design enhancements.
- **Reset to Defaults** Select Reset to Defaults to reset your device to factory settings. This will remove all effect changes you have made to the device.

MV6 Gen 2 Presets

Three selectable preset modes apply a combination of sound settings designed for common use cases. Presets optimize denoiser, pop filter, gain, equalization, and compression to provide a great starting point so you can immediately start recording. Experiment with the presets to find which sounds best for your application. Then customize settings to fine tune your sound. Preset modes can affect the strength of the input signal, so adjust the mic level as needed after changing presets.

Mode	Application	Characteristics
Speech	spoken word	Optimized for spoken voice applications such as meetings, streaming, podcasting, and content creation.
Singing	solo or group vocal performances	Optimized for vocal performance and singing applications.
Instrument	live performance and louder sources	Optimized for recording acoustic instruments.

Speech is the default preset. If a user changes a DSP setting associated with the preset, the preset becomes deselected. Deselection simply means the microphone is using customized settings rather than one of the predefined presets. See the Custom Presets topic on storing and managing customized presets.



The green Speech preset indicates that the preset is on. The gray Speech preset indicates that the preset is off.

Custom Presets

Create and save custom presets to quickly access frequently used mic settings.

1. Start with the preset mode that best suits your application needs.
2. Adjust advanced settings, like compression, for clarity and consistency.
3. Tap Save to rename and save your new custom preset. The original preset will remain available.
4. The new custom preset is added to your list.

To access saved presets:

1. Tap the caret (arrow) in the Preset row to view your list of available presets.
2. Tap custom preset and Apply Preset to instantly apply gain, stereo, equalization, and compression preferences.

Tip: You can save a custom preset at any point. Tap Save and give the current settings a new name.

Reducing Background Noise with Voice Denoiser

Use the Voice Denoiser in the MOTIV app to reduce background noise and improve vocal clarity in real time. This feature helps to minimize unwanted constant drone sounds like air conditioners, fans, traffic, and general room noise while keeping your speaking voice clear and natural. Use the slider to increase or decrease the amount of noise reduction. Settings are processed inside the microphone and remain active even after the app is closed or when connecting to a different computer or mobile device. The MV6 Gen 2 remembers the most recently selected parameters.

For best results, use Voice Denoiser in rooms with controlled acoustics and minimal echo to maintain natural and clear speech.

- Using a higher level of denoiser will reduce background noise but might affect how natural your voice sounds.
- Lower settings sound more natural but allow a little more ambient noise.

Note: Voice Denoiser is designed for the spoken voice. When recording singing or instruments, turn Voice Denoiser off for more accurate musical sound.

Stop Pops with the Digital Popper Stopper

Use the Popper Stopper to detect and dynamically remove harsh vocal plosives in speech. Plosives are caused by strong bursts of air that can occur when we make “p” and “b” sounds. The digital popper stopper eliminates the need for a physical pop filter in front of the mic. Enable this feature when recording at a close distance to help maintain smooth, consistent vocal audio without additional unwanted distracting sounds.

Advanced Digital Signal Processing (DSP) Settings

After you have selected the best preset mode for your application, use the DSP features in the MOTIV app to actively process the sound of your recording. You can fine tune your audio with tone, the high pass filter, voice denoiser and popper stopper controls. Your settings will be retained in the microphone when swapping between microphones or switching to other audio and video recording applications.

Adjusting the Sound of Your Tone

The Tone slider allows you to quickly shape the sound of your voice. Use Tone to make your voice sound darker, more natural, or brighter depending on your preference.

- **Dark** reduces higher frequencies for a warmer, fuller sound.
- **Natural** provides a balanced, uncolored sound.
- **Bright** enhances higher frequencies for added clarity and presence.

Choose the setting that sounds best for your voice and recording environment.

Equalizer (EQ)

First change the preset modes to hear the DSP changes, and then use the equalizer to boost or cut specific bands of frequencies to dial in the sound and improve clarity. EQ adjustments persist between preset mode changes.

Note: Equalization within presets will not be displayed. However, the equalizer graphic in the advanced settings status bar displays user-selected equalization.

Equalizer



Tap the EQ curve to access the equalizer. Equalization changes are displayed in the equalizer curve image.

EQ Troubleshooting

Here are a few suggestions to tame your sound and get the best sounding recording that you can.

If your voice sounds...	Try this
Muddy or unclear	Slightly reduce the lower frequency bands or slightly increase the middle frequency bands to improve clarity and make your voice easier to understand.
Thin	Increase the lower frequencies to add warmth and fullness.
Dull	Increase the higher frequencies to add brightness and detail.
Harsh or piercing	Reduce the higher frequencies to create a smoother sound.
Lacking presence	Slightly increase the middle and upper frequencies to help your voice stand out in recordings, streams, and calls.

Tip: Small EQ changes usually produce the most natural sound. Make one change at a time and then listen carefully before making additional adjustments.

Applying the High Pass Filter (HPF)

Reduce low-frequency sound such as rumbles and handling vibration to improve vocal clarity in your recording. Choose no HPF for the most natural sound. Or enable the filter and select 75 Hz or 150 Hz to reduce wind and other unwanted low-end noise or proximity effect. Listen to your voice using both filter settings and select the one that provides the best balance of clarity and natural sound. Or use it to reduce low frequencies that make an instrument sound dull or muddy.

- **75 Hz Low frequency cutoff** Provides a 6 dB-per-octave cutoff at 75 Hz. Helps eliminate floor rumble and low-frequency room noise from heating and air conditioning systems. Best for full, clear voice recordings, like podcasts, with minimal changes to voice.
- **150 Hz Low frequency rolloff** Provides a 6 dB-per-octave rolloff filter at 150 Hz. Use the stronger filter when your voice needs to be clear in more noisy environments.

Using the Disable Mute Button

Use the Disable Mute Button to prevent accidentally muting yourself when using the microphone. When the Disable Mute Button is turned on, the physical button on the body of the microphone is disabled. This prevents accidental taps from muting the mic during recording, live streaming, gaming, or any live situation where you are using the mic. It ensures that you live mic will stay live.

You can still control microphone muting from software instead of the mic itself. Turn this microphone setting on or off from the MOTIV app. This allows the application to be the control interface, while the microphone stores and uses the setting.

If the mute button is disabled in the app:

- Tapping the microphone's mute button will not change the mute status.
- The microphone remains protected from accidental muting.
- Muting will be managed through supported MOTIV applications.

Think of Disable Mute Button as a simple "mute lockout" feature. It does not mute the microphone but prevents the microphone's mute button from being used accidentally, giving you confidence that your audio stays exactly how you intended it.

Reset to Default Settings

Select Reset to Defaults to return the microphone to its original factory settings. This will remove all changes you have made to the device and can be helpful if you're troubleshooting an issue, preparing the microphone for another user, or simply want to begin again with the default settings.

Using the MV6 Gen 2 with MOTIV

MV6 Gen 2 works with MOTIV Mix Desktop App, MOTIV Audio and MOTIV Video Mobile Apps. Configure DSP settings and record or livestream from any of your devices with USB-C.

- Adjust tone, sound signature, gain, compression, limiter, EQ, presets and more.
- Save your recording and monitor mix presets for quick set up.
- Manage your recorded audio in the Library.

The MOTIV Audio Application

Use the Shure® MOTIV Audio application to connect to microphones, adjust gain levels, and to record, edit and share up to two channels of audio. The device stores the most recently used settings for quick setup each time you record.

Tip: Turn on Airplane Mode and Do Not Disturb to prevent interruptions to the recording caused by phone calls, text messages, or alerts.

How the MOTIV App and Microphones Work Together

While the microphones and devices are closely linked with MOTIV Apps, it's important to note how they work together.

- The MOTIV app is where microphone configuration and control happens. Use the app to change mic settings.
- The microphone is the capture device that applies the processing.
- The settings are stored on the microphone which means that they remain active when reconnecting to other MOTIV apps and devices.

Or simply, use a MOTIV app to adjust your sound. Your settings are processed by the microphone instantly. The mic continues to use those settings as they are stored on the mic.

Give Your Device a Custom Name

You can give your microphone a custom name using a MOTIV application. A custom name makes it easier to quickly identify your microphone, especially if you use multiple microphones or audio devices. or the person or sound source that you are recording. It can also help you distinguish between microphones being used by different people or for different sound sources.

Your custom name is stored directly on the microphone, so it stays with the device even after it is disconnected or powered off. You can also use custom names to organize devices by setup, location, or purpose.

1. Connect your microphone to your device.
2. Open a supported MOTIV application.
3. Enter a custom name for the microphone.
4. Save your changes.

The mic stores the custom name in its internal memory and displays it whenever it is connected to a MOTIV application. The name remains even after power cycles and reconnections.

Note: The custom device name is used by MOTIV applications only. Changing the device name does not change the microphone's USB device name, which remains fixed for identification by computers and other operating systems.

The MOTIV Video Application

The Shure MOTIV Video recording app provides instant video recording with uncompressed audio for your mobile device. Customize the sound with digital signal processing (DSP) preset modes, adjustable gain, and stereo width control.

Features

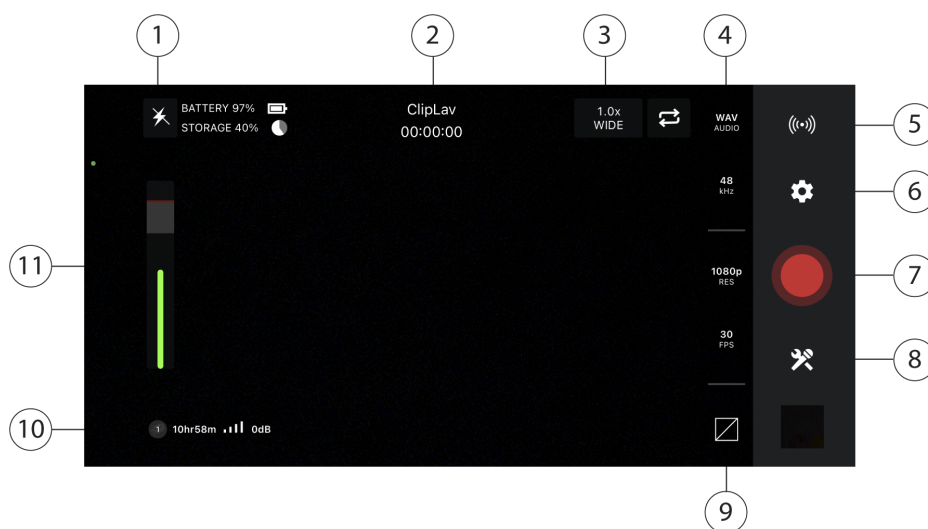
- Compatible with iOS, Android, PC and Mac devices.

Note: See <https://www.shure.com/en-US/motiv-compatibility> for information on recommended Android devices.

- Plug-and-Play Operation supporting landscape and portrait recording
- Flexible Recording Control includes gain adjustment settings
- Support for mono and stereo audio devices
- When used with MOTIV microphones, preset modes are available for a variety of recording situations.

Tip: Turn on Airplane Mode and Do Not Disturb to prevent interruptions to the recording caused by phone calls, text messages, or alerts.

Video Standby Mode



① **Flash** Use the flash when recording in low light situations.

② **Connected Device/Recording Length/Focus Lock** Device status will display the name of the connected MOTIV device. Recording length is displayed in hours, minutes, and seconds. See the Visual Settings topic for information on setting image focus and exposure.

③ **Zoom Level/Reverse Camera** Pinch the screen to adjust your zoom level for a closer view of your subject. Use the arrow circle icon to switch between front and back camera. Use the front-facing camera to shoot selfie videos.

④ **Audio/Video Quality Settings** Select your audio file type, sample rate, video frame rate and video resolution from a column of options.

Note: Option availability may vary based on your mobile device specifications.

- **Audio file type:** WAV, ALAC, AAC
- **Sample rate:** 44.1 kHz, 48 kHz
- **Video resolution:** 720p, 1080p, 4K

- **Frame rate (fps):** 24, 25, 30, 50, 60 fps

⑤ **Livestream** Tap to access live stream options. See the Livestream topic for information on livestreaming options.

⑥ **Settings** Tap the application settings sprocket icon to select audio and video quality, face detection, light or dark theme appearance, to find version information, help materials, and to send feedback.

⑦ **Record/Stop Button**

⑧ **Device Settings** Tap to access the Device settings screen and pair microphones to the app.

⑨ **Grid/Level/Off Display** Tap through to display grid lines or a level for easy image composition. Or turn this feature off if you prefer a clean display.

⑩ **Battery Life/Storage Space** Displays percentage of remaining battery life and available storage space for your recording device.

⑪ **Input Meter/Microphone Gain** Displays the strength of the input signal. Tap the input meter to bring up the mic gain and direct monitoring sliders. You can adjust microphone gain during recording to match the volume of the sound source. Make live adjustments to ensure levels are in the target range (indicated by the shaded region of the input meter).

Visual Settings

Be sure to adjust your visual settings to get the best-looking video image. We recommend making adjustments in this order.

Zoom: Pinch to zoom in or out and frame your shot.

Brightness: Swipe up and down to set brightness level.

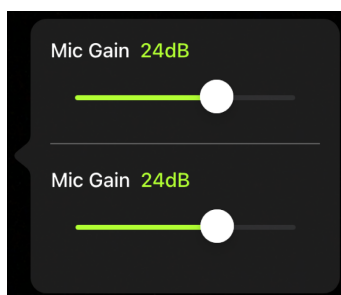


Focus: Tap to focus or tap and hold to lock brightness and focus. Tap again to release the lock.



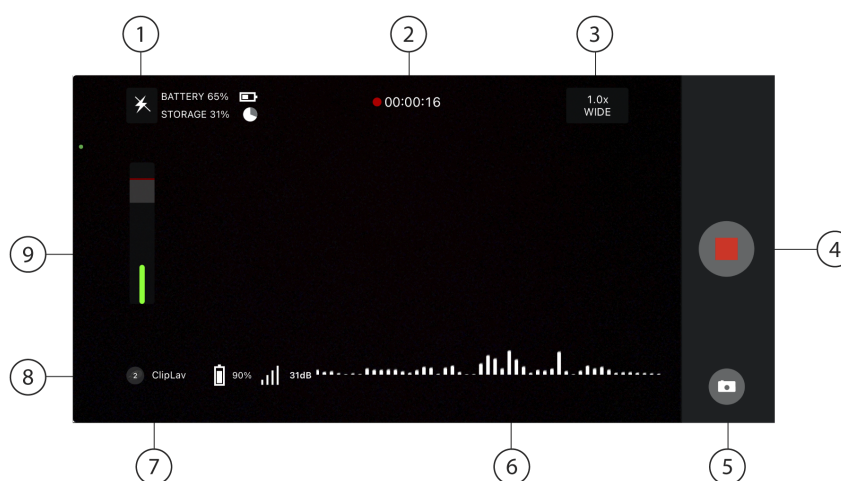
Mic Gain Sliders

Access the mic gain sliders when you want to quickly adjust your volume. Tap the input meter to open the mic gain window. Use the sliders to determine how much of each input you hear. When you are finished adjusting the volume, tap outside the mic gain slider window to return to the standby or record view.



The top slider adjusts gain for first mic and the bottom slider adjusts mic gain for the second.

Video Record Mode



① **Flash** Use the flash when recording in low light situations.

② **Connected Device Status/Recording Length/Focus Lock** Status will display the model name of the connected MOTIV device. Recording length is displayed in hours, minutes, and seconds. The red dot will flash when video is recording. See the Visual Settings topic for more information on focus and exposure.

③ **Zoom Level** Pinch the screen to adjust your zoom level for a closer view of your subject.

④ **Record/Stop Button** Start and stop video recording.

⑤ **Camera** Take a snapshot while video is recording.

⑥ **Audio Recording** The MOTIV Video recording application displays the audio waveform as it is being recorded.

⑦ **Grid** Use the grid lines to assist in composing your image.

⑧ **Battery Life/Storage Space** Displays percentage of remaining battery life and available storage space for your recording device.

⑨ **Input Meter** Displays the strength of the input signal. Tap the input meter to bring up the mic gain and direct monitoring sliders. You can adjust microphone gain during recording to match the volume of the sound source. Make live adjustments to ensure levels are in the target range (indicated by the shaded region of the input meter).

Compressed Format Recording

The MOTIV app records uncompressed audio files to provide the highest quality recording. However, you might find it more useful to record in a compressed file format. Compressed files take up less storage space allowing you more space on your device to record. It's also easier to share compressed files by message or email because compressed files use less data. Consider using a compressed format for recording demos or initial ideas because in this case it is more important to capture the idea than have the highest possible fidelity recording.

If you are unsure about which format to choose, start with the highest quality setting. You can always compress files later from your library if you find that you require smaller file sizes. See the Supported Audio Formats section to learn about the file formats that are available to you.

Remember: You can convert compressed audio to an uncompressed format, uncompressed audio to a compressed format and one type of compressed format to another. However, only WAV files can be edited. If you need to edit a file, convert the file to a WAV file first.

MOTIV Mix Recording App Essentials

Use your Shure MOTIV microphone with MOTIV Mix, Shure's desktop recording app. MOTIV Mix provides flexible control over mic settings and includes tools for mixing, monitoring, recording, streaming, audio routing, and firmware updates. The app supports up to 5 audio input channels and allows supported device settings to be stored on the connected device.



Supported device settings can be adjusted using MOTIV Mix and stored on the connected device for future setups.

What Can I Do With MOTIV Mix?

1. **Mix Multiple Audio Sources on your Desktop** Combine microphones, computer audio, and supported audio devices into a single audio production workflow from one application. MOTIV Mix supports multiple input channels and provides mixer controls, metering, monitoring, and routing tools.
2. **Customize Your Sound** Configure MOTIV microphones with professional features like Auto Level Mode, noise reduction, tone controls, EQ, compression, limiting, presets, and other DSP features. Many of these settings are stored on the connected device; meaning that your saved settings will work on multiple MOTIV devices.
3. **Monitor Audio in Real Time** Listen to live recording and computer audio, select monitoring devices, manage monitor mixes, and control audio routing during recording and playback.
4. **Record and Manage Recording Sessions** Capture your main mix, individual input tracks, or both. Organize recordings into sessions, browse your library, play back and review recordings, edit files, and export finished content.
5. **Optimize and Route Audio** Use Soundcheck to evaluate your recording environment and receive recommendations, route audio through the Shure Virtual Audio Driver, and stream, podcast, and create content.

Features

- **Convenient Plug-and-Play Operation** Compatible with Windows and Mac computers.
- **Flexible Recording Control** Support for up to 5 audio input channels for recording, monitoring, mixing, and streaming.
- **Virtual Audio Driver (VAD)** Receive audio input from a variety of sources, like audio from music apps such as Apple Music and Spotify.
- **Device Settings** Settings are stored on supported devices for quick setup.

Additional MOTIV Mix Features

Some device settings are adjusted using MOTIV Mix and then stored on the device. These may include:

- Auto Level Mode
- Real-time Denoiser
- Tone controls
- Five band equalizer
- Presets
- High-pass Filter
- Monitor Mix
- Gain control and Mute settings

Note: Feature availability varies by device model. Refer to this guide's feature sections for descriptions of device-specific controls.

Quick Setup with MOTIV Mix

1. **Use the USB-C cable to connect a MOTIV device or microphone to your computer.**

The LED on the MOTIV device will pulse when the connection is made.

2. **Download the MOTIV Mix application 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.

For detailed setup instructions, recording workflows, monitoring options, and device settings, see the [MOTIV Mix user guide](#).

Update Your Firmware

Firmware updates improve the performance and functionality of your microphone and may include new features, design enhancements, or fixes. 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. During the update, the progress bar displays progress percentage, the process will include pauses, the microphone may be temporarily unavailable, and the LED indicators may change. This is normal and the microphone will return to normal operation when the update is complete.

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](#).

Tips to ensure a reliable update.

- Keep equipment connected during updates.
- Using the product or mobile device while downloading may slow or cancel the update process.
- Update requires a **minimum battery charge of 50%** on your mobile device.
- Approximate download time is **up to 30 minutes**.
- Do not exit the app and ensure that your screen is on.
- Do not update in areas with high volume mobile or WiFi wireless activity, like a plane or train station. This interference can significantly slow down or cancel the update process.
- Ensure that your mobile device is using the most current operating system (OS).

Contact Shure Service and Repair if you experience any issues.

MV6 Gen 2 Troubleshooting

Issue	Solution
Mic is plugged in, but the volume meter does not register a signal.	Edit the privacy setting for your recording device under SETTINGS > PRIVACY > MICROPHONE to give the MOTIV app permission to use the microphone with the device.
Mic is plugged in, but the microphone is not detected.	Unplug and re-seat the microphone when the name of the microphone is not visible in the status bar.
Incoming audio is distorted	Audio distortion usually comes from overloading the microphone which causes clipping. Lower your mic gain for the best sound recording. Check that the all cables are correctly and completely connected. If listening through headphones, check the connection or try using a different pair.
Audio sounds bad or distant.	To ensure that you are receiving audio from the MOTIV mic and not a built-in microphone, unplug and reseat the mic. The top left corner of the screen will identify the mic by name when the microphone is correctly in place.
Audio quality changes when a headset is plugged in	Headsets with inline microphones can override the mic as the audio device. Use the included headphone monitor adapting cable to disable interference from other microphones. Make sure that you plug in your headset first and your MOTIV device last.
Recorded audio is distorted	Use the audio meter to ensure that volume peaks are within the target range (the gray area). If the level reaches the red peak indicator of the input meter, turn the gain down.
General troubleshooting	Disconnect and reconnect the microphone. Quit and re-start the app. Reboot the computer.

Note: Contact Shure Service and Repair if you continue to experience any 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 17 or later

System Requirements and Compatibility: Android

Will work with any Android device that has:

- Android 14.0 (Upside Down Cake) or later
- 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

MV6 Gen 2 Specifications

Transducer Type	Dynamic (moving coil)
Polar Pattern	Unidirectional (Cardioid)
A/D Converter	16 or 24-bit, 44.1 or 48 kHz

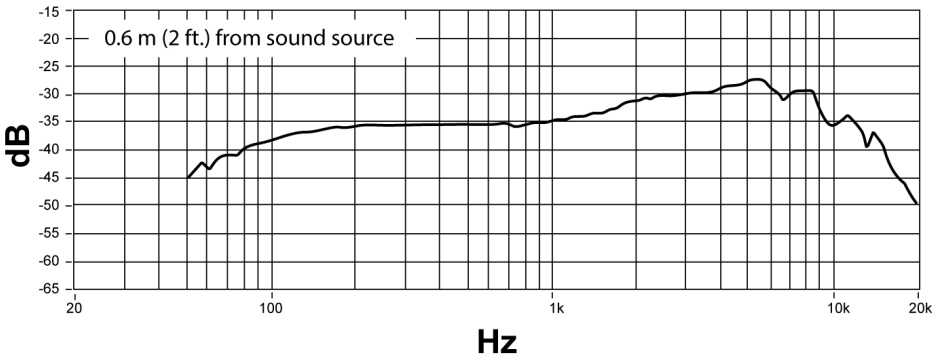
Frequency Response	50 Hz to 15,000 Hz
Adjustable Gain Range	0 to +36 dB
Sensitivity	(@ 1 kHz) -34.7 dBFS/Pa [1][2] (1.78 mV)
USB-C Maximum SPL	128 dB SPL [2]
On-Board DSP	Auto-Level Mode, Digital Popper Stopper, Voice Denoiser, Tone Slider, High-Pass Filter
Headphone Output	3.5 mm (1/8")
Power Requirements	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: Shure MOTIV Audio, Shure MOTIV Video
Connector Type	USB-C
Mounting Type	5/8" - 27 thread moun

Housing	Diecast zinc alloy
Net Weight	1287 g (2.83 lbs)(MV6, stand, and base)
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)

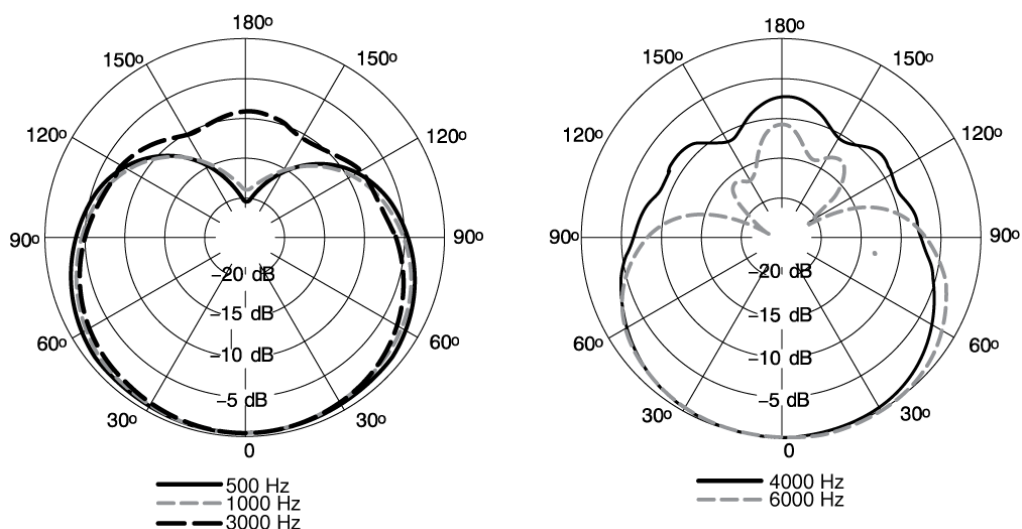
[1] 1 Pa=94 dB SPL

[2] At Minimum Gain, Flat Mode

Bit Depth	Sampling Rate
24	48 kHz
24	44.1 kHz
16	48 kHz
16	44.1 kHz



Typical Frequency Response



Typical Polar Pattern

Accessories

Furnished Accessories

2 meter USB-C to USB-C Cable	XXX
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]	AMC-USBC-LTG15
Black Foam Windscreen	AMV6WS
Desktop Stand	DESKTOP-1
Desktop Stand with Boom	DESKTOP-2
White Foam Windscreen	XXX
Black Cable	XXX
White Cable	XXX

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

MOTIV DSP Feature Table

	MV7	MV7+	MV6	MV6 Gen 2	MV7i	MV7X
Auto-Gain Mode/Auto-Level Mode	X	X	X	X	X	
Audio Output Modes					X	
Denoiser		X	X	X	X	
High Pass Filter		X	X	X	X	
Manual: Compressor, Limiter	X	X			X	
Phantom Power (supply)					X	
Popper Stopper		X	X	X	X	
Preset Modes	X			X	X	
Reverb		X			X	
SmartGate					X	
Tone Slider		X	X	X	X	
Voice Isolation Technology	X	X	X	X	X	

Glossary

Microphones in the MOTIV series come equipped with features to address a variety of recording situations including home recording, content creation, live streaming, and remote meetings.

Note: MOTIV microphones feature different DSP options. Check the table to see which options are available for your particular device.

- **-10 dB Pad:** Use the -10 dB pad to lower input volume and increase the headroom for clean recording of loud sound sources to prevent clipping or distortion. This happens at the input level stage before any audio processing occurs.
- **Auto Level mode:** Auto-Level mode continuously adjusts the 2-channel gain level applied to the microphone. It makes imperceptible adjustments to maintain a consistent balanced output as input levels change. Auto-level mode is optimized for speech recording.
- **Clipping:** Clipping occurs when the audio signal is too loud and causes distortion. A few solutions to prevent clipping is to monitor your output and meter levels, lower the mic gain, and engage the -10 dB pad for more headroom.
- **Compressor:** The compressor controls sound by raising the volume on quiet sounds and preventing loud sounds from exceeding a certain threshold. Helps to control levels by reducing dynamic range to make overall sound louder and more consistent in volume.
- **De-noise:** Reduces steady background sounds such as fans, HVAC systems, and room noise.
- **De-reverb:** Helps to reduce unwanted room reflections and echo for improved speech and overall recording clarity.
- **Gain:** Otherwise known as volume or level. The gain control adjusts the volume of the microphone signal.
- **High-pass Filter:** A high-pass filter allows frequencies on the higher end of the spectrum to pass and only attenuates low frequencies. Reduce unwanted noise from disturbances like HVAC systems, appliances, and traffic with a high pass filter at 75 Hz or 150 Hz.

- **LED:** The LEDs display real-time audio meters. Pulsing fades a solid color in and out. Solid displays a consistent color on the LED panel.
- **Limiters:** Limits gain to prevent distortion from volume peaks during recording.
- **Mute:** No audio is passing through the microphone.
- **Phantom Power:** Phantom Power (+48V) supplies power to condenser mics and certain audio devices. We recommend turning Phantom Power off for ribbon microphones. Refer to your device manufacturer's guidelines for compatibility information.
- **Popper Stopper:** Use the digital Popper Stopper to detect and dynamically reduce plosives in speech without a pop filter.
- **Presets:** Different modes designed to automatically adjust DSP features to highlight different applications, like singing, using instruments or speech.
- **Real-time Denoiser:** The Real-time Denoiser is designed to reduce constant environmental noise, like a refrigerator, HVAC, or passing traffic. It filters out the background noise after the audio has been captured and does not affect the volume level or manage headroom. Use the denoiser to achieve studio clarity in untreated spaces.
- **Reverb:** Reverb adds a sense of space and ambiance to your audio. Studio provides clean, controlled and clear reverberation and works well with general vocals. Hall emulates a spacious concert hall and works best for ballad style singing. And Plate simulates metal vibrations like a more vintage sounding reverb.
- **Voice Reduction:** Significantly reduce the amount of unwanted noise in the signal caused by projectors, HVAC systems, or other environmental noise. Noise Reduction is a dynamic processor, which calculates the noise floor in the room and removes noise throughout the entire spectrum with maximum transparency. Use in rooms with controlled acoustics and minimal echoes for the most natural sound.