M-VAVE K5

M-VAVE K5 Wireless MIDI Controller Pads Instruction Manual

Model: K5

INTRODUCTION

The M-VAVE K5 Wireless MIDI Controller is a versatile and portable device designed for music production, songwriting, and beat making. It offers a comprehensive set of controls including velocity-sensitive drum pads, assignable rotary encoders, and essential function buttons, providing a seamless and intuitive experience for musicians and producers.

Figure 1: M-VAVE K5 Wireless MIDI Controller, showcasing its layout with 16 RGB pads and 8 rotary encoders.

KEY FEATURES

- **16 RGB Velocity-Sensitive Pads:** Equipped with aftertouch for expressive control, ideal for drumming and triggering samples.
- **8 Assignable 360-Degree Rotary Encoders:** Customizable to control various parameters in your digital audio workstation (DAW).
- **Note Repeat Function:** For creating rhythmic patterns and rolls.
- **Full Level Buttons:** Ensures consistent velocity output from pads.
- **3.5mm MIDI Outport:** For connecting to external MIDI hardware.
- **Wireless Bluetooth MIDI Connectivity:** Low latency and stable transmission for untethered performance.
- **Built-in Rechargeable Battery:** Provides up to 16 hours of working time, supporting both rechargeable and connected modes.
- **Compact and Portable Design:** Easily fits into bags for on-the-go music creation.
- **Seamless DAW Integration:** Designed for intuitive workflow with popular DAWs like Ableton Live, FL Studio, Cubase, Logic Pro X, Bitwig, Reason, Studio One, and GarageBand (iOS).
- **Multi-Platform Compatibility:** Supports Windows, Mac OS, Android, and iOS devices.
- **Soft Backlit Silicone Buttons:** Ensures quiet operation and comfortable tactile feedback.

Figure 2: Overview of the SMC-PAD MIDI Controller's key features, including assignable buttons, endless encoders, RGB pads, Note Repeat, and DAW control.

SETUP

Initial Charging

Before first use, fully charge the M-VAVE K5 controller using the provided USB-C cable. Connect the USB-C end to the controller's USB-C port and the other end to a compatible USB power adapter or computer USB port.

Figure 3: The USB-C port for charging and wired connectivity.

Powering On/Off

Locate the power switch on the side or back of the unit. Slide the switch to the 'ON' position to power on the controller. The RGB pads and screen (if applicable) will illuminate. To power off, slide the switch to the 'OFF' position.

OPERATING

Pads and Knobs

The 16 RGB pads are velocity-sensitive, meaning the sound's intensity will vary based on how hard you strike the pad. They also support aftertouch for additional expressive control. The 8 rotary encoders can be assigned to control various parameters within your DAW, such as volume, pan, filter cutoff, or effects sends. Refer to your DAW's manual for specific MIDI mapping instructions.

SMART CONTROLLER

2000MAH BATTERY

ONE KEY AND SPIN PLAYING

OCTAGON SHIFT SWITCH

HOST SOFTWARE CONTROL

ARPEGGIATOR

Figure 4: Detailed view of the pads, knobs, and the small screen providing feedback on the M-VAVE K5 controller.

Note Repeat and Full Level

Activate the Note Repeat function to automatically re-trigger a note or sample at a set tempo. The Full Level button ensures that all pad strikes register at maximum velocity, regardless of how lightly they are hit, providing consistent output for specific performance needs.

CONNECTIVITY

Bluetooth Connection

The M-VAVE K5 supports low-latency Bluetooth MIDI connectivity. To connect wirelessly, ensure Bluetooth is enabled on your device (computer, tablet, or smartphone). Open your preferred music application (DAW) and navigate to its MIDI settings. Select the M-VAVE K5 from the list of available MIDI devices. No pairing is typically required through your device's general Bluetooth settings; connection is usually handled directly within the music application.

Figure 5: The M-VAVE K5 supports easy wireless Bluetooth connection across multiple operating systems.
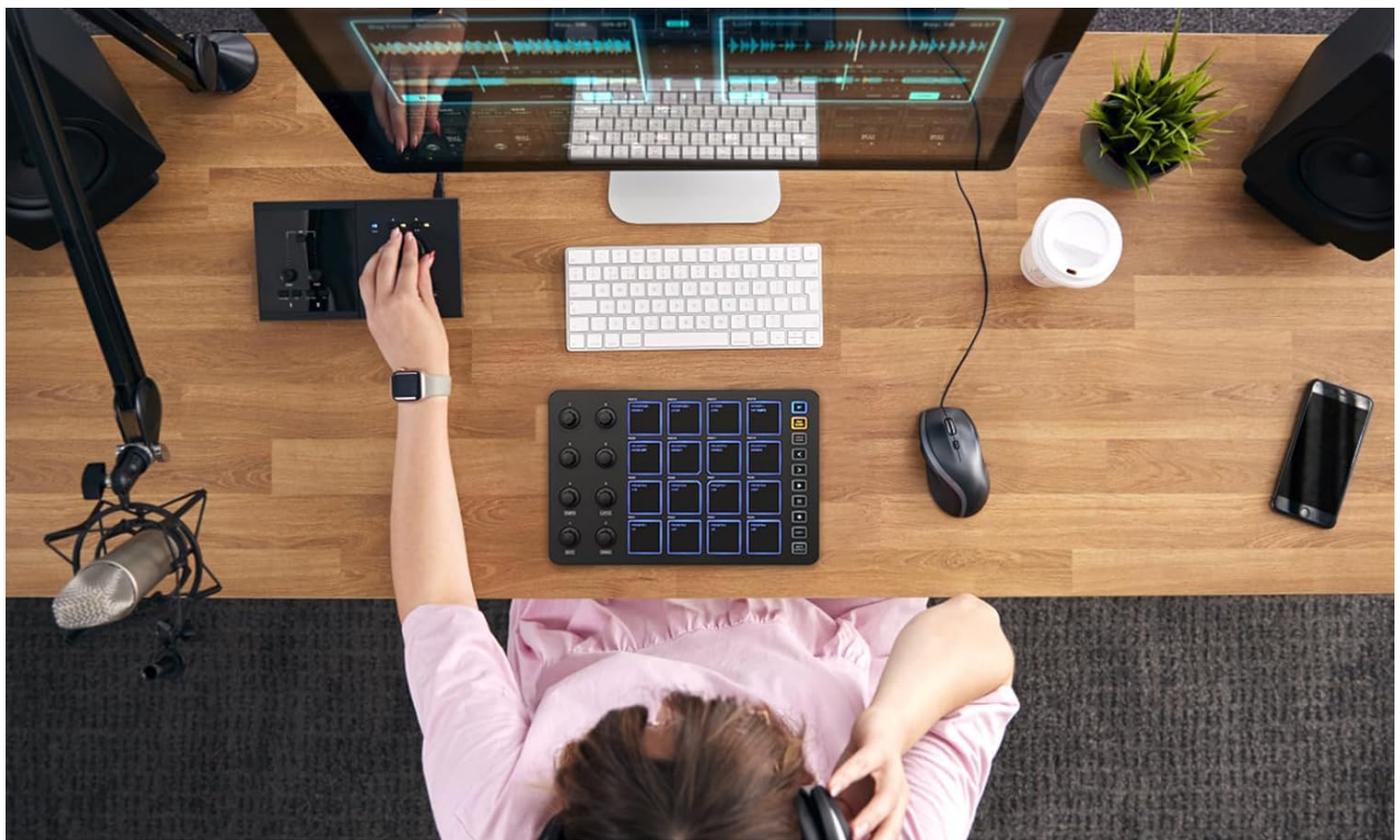
USB Connection

For a wired connection, use the provided USB-C cable to connect the controller directly to your computer. The controller is class-compliant and should be recognized automatically by your operating system without the need for additional drivers.

COMPATIBILITY

The M-VAVE K5 is designed for broad compatibility with various operating systems and Digital Audio Workstations (DAWs):

- **Operating Systems:** Windows, Mac OS, iOS, Android
- **Supported Software:** Ableton Live, FL Studio, Cubase, Logic Pro X, Bitwig, Reason, Studio One, GarageBand (iOS)

Figure 6: The M-VAVE K5 provides complete command over various music production applications.

MAINTENANCE

To ensure the longevity and optimal performance of your M-VAVE K5 controller, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe down the surface of the controller. Avoid using abrasive cleaners, solvents, or strong chemicals, as these can damage the finish and electronic components.
- **Storage:** Store the controller in a cool, dry place away from direct sunlight, extreme temperatures, and high humidity.
- **Handling:** Handle the unit with care. Avoid dropping it or subjecting it to strong impacts, which can damage internal components or the sensitive pads and knobs.
- **Battery Care:** For optimal battery life, avoid fully discharging the battery frequently. If storing for extended periods, charge the battery to approximately 50% and recharge every few months.

TROUBLESHOOTING

Controller Not Responding

- **Check Power:** Ensure the controller is powered on and has sufficient battery charge. If using USB, confirm the cable is securely connected and the computer's USB port is active.
- **Restart:** Power off the controller, then power it back on. Restart your computer or music application.
- **USB Connection:** Try a different USB port or cable.

Bluetooth Connectivity Issues

- **Device Bluetooth:** Ensure Bluetooth is enabled on your host device (computer, tablet, phone).
- **DAW MIDI Settings:** Verify that the M-VAVE K5 is selected as a MIDI input device within your music application's MIDI settings.
- **Interference:** Move the controller closer to your host device and away from other wireless devices that might cause interference.
- **Windows Specific:** Some Windows systems may require specific drivers or configurations for stable Bluetooth MIDI. Refer to online forums or M-VAVE support for Windows-specific Bluetooth MIDI setup guides if issues persist.

Pads or Knobs Not Working Correctly

- **MIDI Mapping:** Check your DAW's MIDI mapping to ensure the pads and knobs are correctly assigned to the desired functions.
- **Firmware Update:** Check the M-VAVE website for any available firmware updates for your K5 controller, as updates can resolve performance issues.

SPECIFICATIONS

Feature	Detail
Model Number	K5
Item Weight	1.52 pounds
Product Dimensions	9 x 1.5 x 6 inches (9"D x 1.5"W x 6"H)
Batteries	1 Lithium Polymer battery (included)
Color Name	Black Pad
Compatible Devices	Windows, Mac OS, iOS, Android
Connector Type	Bluetooth, 1/4-Inch Stereo (for sustain pedal)
Hardware Interface	USB 3.0 Type C
Supported Software	Ableton Live, FL Studio, Cubase, Logic Pro X, Bitwig, Reason, Studio One, GarageBand (iOS)
Material Type	Silicone
Number of Keys/Pads	16 (Drum Pads)
Connectivity Technology	Bluetooth
Special Feature	Portable, Backlit Drum Pad, Bluetooth, Lightweight

Feature	Detail
What's in the Box	USB Cable

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official M-VAVE website or contact their customer service. Keep your purchase receipt as proof of purchase for any warranty claims.

For additional assistance, you may visit the M-Wave Store on Amazon.