

M-Wave K5

M-VAVE 37 Key USB MIDI Keyboard Controller

Model: K5 | Brand: M-Wave

INTRODUCTION

This manual provides comprehensive instructions for the M-VAVE 37 Key USB MIDI Keyboard Controller (Model K5). Designed for music production, this versatile controller offers a semi-weighted dynamic keybed, backlit drum pads, and assignable controls for seamless integration with various digital audio workstations (DAWs) and mobile devices. Please read this manual thoroughly to ensure proper use and maximize your creative potential.

KEY FEATURES

- **37 Velocity-Sensitive Keys:** Semi-weighted dynamic keybed for expressive play.
- **16 RGB Backlit Drum Pads:** Velocity-sensitive pads for beat production and sample triggering.
- **8 Assignable Rotary Encoders:** For controlling parameters within your music software.
- **2 Capacitive Touch Strips:** Dedicated pitch bend and modulation for dynamic control.
- **Wireless Bluetooth Connectivity:** Seamless connection to Windows, Mac OS, Android, and iOS devices.
- **Built-in 2,000 mAh Battery:** Provides approximately 16 hours of portable operation.
- **USB-C Charging:** Convenient power and data transfer.
- **Smart Chord & Smart Sound Function:** Simplifies chord playing and scale selection.
- **Wide Software Compatibility:** Supports Ableton Live, FL Studio, Cubase, Logic Pro X, Bitwig, Reason, Studio One, GarageBand (iOS), and more.



A top-down view of the M-VALE 37 Key USB MIDI Keyboard Controller, showcasing its 37 keys, 16 RGB backlit drum pads, 8 rotary encoders, and pitch/mod touch strips.

SETUP

Powering On

The M-VALE K5 can be powered via its internal rechargeable battery or a USB connection. To power on, locate the power switch on the rear panel and slide it to the 'ON' position. The display will illuminate, indicating the device is ready.

USB Connection

Connect the keyboard controller to your computer using a standard USB-B cable. The device is class-compliant and typically does not require additional drivers for basic functionality on Windows, Mac OS, iOS, and Android systems. Your Digital Audio Workstation (DAW) should recognize the controller automatically.

Bluetooth Connection

For wireless operation, ensure the keyboard is powered on. Activate Bluetooth on your host device (computer, tablet, or smartphone). Within your music application (DAW or mobile music app), navigate to the MIDI settings or Bluetooth MIDI devices. Select "SMK25" or "M-VALE K5" from the list of available devices to establish a wireless connection. Note: Do not attempt to pair via your device's general Bluetooth settings; connect directly within your music application for optimal performance.



A person placing the compact M-VAVE 37 Key USB MIDI Keyboard Controller into a black messenger bag, illustrating its portability for on-the-go music production.

OPERATING THE CONTROLLER

Keys and Pads

The 37 velocity-sensitive keys respond to the force of your touch, allowing for dynamic musical expression. The 16 RGB backlit drum pads are also velocity-sensitive and can be used for finger drumming, triggering samples, or launching clips. The pads offer a good tactile response for precise control.

Encoders and Touch Strips

The 8 assignable rotary encoders can be mapped to various parameters within your DAW, such as volume, pan, filter cutoff, or effect sends. The 2 capacitive touch strips provide smooth control over pitch bend and modulation, enhancing your performance capabilities.

Smart Functions

The K5 features Smart Chord and Smart Sound functions. These allow users to play complex chords with a single key press or stay within a selected musical scale, simplifying composition and performance. Refer to your software's documentation for detailed mapping and configuration of these features.

Software Compatibility

The M-VAVE K5 is designed for broad compatibility with leading music production software. It integrates seamlessly with applications such as Ableton Live, FL Studio, Cubase, Logic Pro X, Bitwig, Reason, Studio One, and GarageBand (iOS). For advanced customization, a companion software called "Cube Suite" (available for iOS) allows for detailed configuration of pads, knobs, and other controls, including setting LED colors and MIDI command types.



37 VELOCITY-SENSITIVE KEYS 3 OCTAVES (C2-C4)



16 RGB BACK-LIT PADS



8 ASSICNABLE ENCODERS



4 FADERS

A detailed view highlighting the 16 RGB backlit drum pads and 8 assignable rotary encoders on the M-VAVE K5 controller, demonstrating their vibrant illumination.

MAINTENANCE

Cleaning

To clean the controller, use a soft, dry cloth. For stubborn dirt, a slightly damp cloth with mild soap can be used, followed by a dry cloth. Avoid using abrasive cleaners, solvents, or excessive moisture, as these can damage the device.

Battery Care

The built-in 2,000 mAh Lithium Polymer battery provides extended usage. To prolong battery life, avoid fully discharging the battery frequently. Charge the device regularly, especially if it will be stored for an extended period. Use the provided USB-C cable for charging.

TROUBLESHOOTING

No Connection / Device Not Recognized

- **USB:** Ensure the USB cable is securely connected to both the controller and your computer. Try a different USB port or cable. Restart your computer and the controller.
- **Bluetooth:** Verify Bluetooth is enabled on your host device. Ensure you are connecting via your music application's MIDI settings, not the general system Bluetooth settings. If the device is not appearing, try turning the controller off and on again.
- **Software:** Check your DAW's MIDI preferences to ensure the M-VAVE K5 is enabled as an input device.

Keys or Pads Not Responding

- Check the velocity settings within your DAW or the "Cube Suite" app, as low velocity curves might require harder presses.
- Ensure the correct MIDI channel is selected for the instrument you are trying to play.
- If a specific key or pad is unresponsive, contact customer support.

Latency Issues (Bluetooth)

- While Bluetooth MIDI is designed for low latency, ensure your host device's Bluetooth drivers are up to date.
- Minimize other active Bluetooth connections or wireless interference.
- If latency persists, consider using a direct USB connection for critical recording tasks.

SPECIFICATIONS

Feature	Detail
Model Number	K5
Keys	37 Velocity-Sensitive
Pads	16 RGB Backlit, Velocity-Sensitive
Encoders	8 Assignable Rotary
Touch Strips	2 (Pitch Bend, Modulation)
Connectivity	Bluetooth, USB-B
Battery	2,000 mAh Lithium Polymer (Included)

Feature	Detail
Operating Time	Approx. 16 hours (Battery)
Compatible Devices	Windows, Mac OS, iOS, Android
Dimensions	19 x 8.7 x 3 inches
Weight	3.4 pounds
Color	37 Key Black

WARRANTY AND SUPPORT

M-Wave products come with a standard one-year warranty from the date of purchase. For technical support, warranty claims, or service inquiries, please visit the official M-Wave website or contact their customer service department. Keep your proof of purchase for warranty validation.

For additional resources and FAQs, please visit the [M-Wave Store on Amazon](#).