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M-VAVE K5

M-VAVE 25 Key USB MIDI Keyboard Controller Instruction Manual

Model: K5

Introduction

This manual provides comprehensive instructions for the M-VAVE K5 Bluetooth Wireless 25 Key USB MIDI Keyboard Controller. It covers setup, operation, maintenance, and troubleshooting to ensure optimal performance and user experience.



Figure 1: M-VAVE K5 25 Key USB MIDI Keyboard Controller in Pink.

Setup

1. Initial Setup

The M-VAVE K5 is designed for ease of use. It can be powered via USB or operate wirelessly using its built-in 2,000 mAh battery, providing approximately 16 hours of use on a full charge. This allows for portable music production in various environments.

2. Connectivity

- **USB Connection:** Connect the controller to your computer using a standard USB cable. The device is plug-and-play, requiring no additional drivers for basic functionality.
- **Bluetooth Wireless Connection:** For wireless operation, activate Bluetooth on the controller and your device. The K5 supports Bluetooth MIDI, offering low-latency performance for real-time playing.



Figure 2: The M-VAVE K5 supports easy wireless Bluetooth connection across multiple operating systems.

3. Software Compatibility

The K5 MIDI controller is compatible with a wide range of Digital Audio Workstations (DAWs) and operating systems, including Windows, Mac OS, Android, and iOS. Supported software includes, but is not limited to:

- Ableton Live
- FL Studio
- Cubase
- Logic Pro X
- Bitwig
- Reason
- Studio One
- GarageBand (iOS)



Figure 3: The M-VAVE K5 offers complete command of any music production application.

Operating

1. Key Features

The M-VAVE K5 is equipped with a range of assignable controls for versatile music production:

- **25 Velocity-Sensitive Keys:** Mini MIDI keyboard keys that respond to the force of your touch, allowing for expressive playing.
- **8 RGB Backlit Velocity-Sensitive Pads:** Pads that illuminate with RGB colors and respond to velocity, ideal for drumming and triggering samples.
- **8 Assignable Rotary Encoders:** Knobs that can be assigned to control various parameters within your music software, such as volume, pan, or effects.
- **2 Capacitive Touch Stripes:** These stripes function as pitch bend and modulation controls, offering dynamic expression.



Figure 4: The M-VAVE K5 is packed with fully assignable controls for comprehensive music production.

2. Smart Features

Enhance your musical creativity with the K5's intelligent functions:

- **Smart Chord Function:** Allows users to play complex chords with a single key press, simplifying composition and performance.
- **Smart Sound/Scale Function:** Enables quick selection of scales, ensuring all played notes are harmonically correct within the chosen key.

- **Arpeggiator:** Automatically generates arpeggiated patterns from held notes, adding dynamic movement to your melodies.



Figure 5: Smart Chords and Smart Scales allow for quick selection by keys, enhancing musical flow.

3. Controls and Display

The K5 features intuitive controls and a clear display for easy navigation:

- **Transport Controls:** Dedicated buttons for Play, Stop, and Record allow for direct control over your DAW's transport functions.
- **Octave Buttons:** Easily shift the keyboard's octave range up or down.
- **Screen Display:** A small screen provides visual feedback for settings, modes, and control values, aiding in precise adjustments.

Maintenance

To ensure the longevity and optimal performance of your M-VAVE K5 MIDI Keyboard Controller, follow these

maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe down the surface of the controller. For stubborn dirt, a slightly damp cloth with mild soap can be used, ensuring no liquid enters the device. Avoid abrasive cleaners or solvents.
- **Storage:** Store the controller in a cool, dry place away from direct sunlight, extreme temperatures, and high humidity. When not in use for extended periods, consider storing it in its original packaging or a protective case.
- **Battery Care:** If using the built-in battery, avoid fully discharging it regularly. For long-term storage, charge the battery to approximately 50% to prolong its lifespan.
- **Handling:** Handle the controller with care. Avoid dropping it or subjecting it to strong impacts, which can damage internal components or the keybed.

Troubleshooting

If you encounter issues with your M-VAVE K5, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Controller not powering on.	Low battery or no USB power.	Charge the battery using the provided USB cable or connect to a powered USB port. Ensure the power switch is ON.
No sound or MIDI input detected.	Incorrect software settings, loose connection, or Bluetooth not paired.	◦ Verify the USB cable is securely connected. ◦ For Bluetooth, ensure the device is paired within your music application (not just OS settings). ◦ Check MIDI input settings in your DAW to ensure the M-VAVE K5 is selected. ◦ Ensure the correct instrument track is armed for recording/playback.
Keys/Pads not responding correctly.	Velocity sensitivity issues or software conflict.	◦ Check the velocity curve settings on the controller or within your DAW. ◦ Restart your music software and the controller.

If the problem persists, consult the M-VAVE support website or contact customer service for further assistance.

Specifications

- **Brand:** M-VAVE
- **Model:** K5
- **Number of Keyboard Keys:** 25
- **Pads:** 8 RGB Backlit Velocity-Sensitive Drum Pads
- **Knobs:** 8 Assignable Rotary Encoders
- **Touch Strips:** 2 Capacitive Touch Stripes (Pitch Bend, Modulation)
- **Connectivity:** Bluetooth, USB
- **Battery:** 2,000 mAh Lithium Polymer (included)
- **Battery Life:** Approximately 16 hours

- **Compatible Devices:** Android, Mac OS, Windows, iOS
- **Product Dimensions:** 12.6 x 7 x 1.8 inches
- **Item Weight:** 2.27 pounds
- **Included Components:** Software Suite

Warranty and Support

For warranty information, product registration, or technical support, please visit the official M-VAVE website or contact their customer service. Details regarding specific protection plans may be available at the point of purchase or through authorized retailers.
Online Resources: For additional tips, tutorials, and firmware updates, refer to the M-VAVE support page or community forums.

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