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M-VAVE K5

M-VAVE 25 Key USB MIDI Keyboard Controller K5 Instruction Manual

Model: K5 | Brand: M-VAVE

1. INTRODUCTION

This manual provides detailed instructions for the M-VAVE K5 25 Key USB MIDI Keyboard Controller. It covers essential information regarding setup, operation, features, maintenance, and troubleshooting to ensure optimal use of your device. The M-VAVE K5 is a versatile and portable MIDI controller designed for music production across various platforms.



Figure 1: Top-down view of the M-VAVE K5 25 Key USB MIDI Keyboard Controller, showcasing its keys, pads, and knobs.

2. WHAT'S IN THE BOX

- M-VAVE 25 Key USB MIDI Keyboard Controller K5
- USB Cable (for power and data connection)
- Software Suite (download information typically provided with the product)
- User Manual (this document)

3. SETUP

3.1. Powering the Device

- **USB Power:** Connect the provided USB cable from the K5 controller to a USB port on your computer or a compatible USB power adapter. The device is USB-powered.
- **Internal Battery:** The K5 features a built-in 2,000 mAh Lithium Polymer battery, providing approximately 16 hours of operation on a full charge. Charge the device via the USB connection.

3.2. Connecting to a Computer/Device

- **USB Connection:** Use the supplied USB cable to connect the K5 to your computer (Windows, Mac OS) or compatible Android/iOS device (may require an adapter, not included). The device is class-compliant and typically does not require special drivers.
- **Bluetooth Wireless:** For wireless connectivity, activate Bluetooth on your host device (Windows, Mac OS, Android, iOS) and pair it with the M-VAVE K5. Refer to your device's operating system instructions for Bluetooth pairing.



EASY TO USE WIRELESS BLUETOOTH CONNECTION



SUPPORT
BLUETOOTH



IOS



ANDROID



WINDOW



MAC OS

Figure 2: The M-VAVE K5 controller demonstrating its wireless Bluetooth connectivity with multiple operating systems.

4. OPERATING INSTRUCTIONS

4.1. Overview of Controls

The M-VAVE K5 is equipped with a comprehensive set of controls for music production:

- **25 Velocity-Sensitive Keys:** Mini-sized keys that respond to how hard you play them, allowing for expressive performances.
- **8 RGB Backlit Drum Pads:** Velocity-sensitive pads with customizable RGB lighting, ideal for triggering samples, drums, and loops.
- **8 Assignable Rotary Encoders:** Continuous knobs that can be assigned to control various parameters in your digital audio workstation (DAW) or virtual instruments.
- **2 Capacitive Touch Stripes:** Used for pitch bend and modulation, offering precise control over musical expression.
- **Transport Controls:** Dedicated buttons for Play, Stop, Record, and other common DAW functions.
- **Octave Up/Down Buttons:** Shift the keyboard's octave range.

- **Arpeggiator:** Built-in arpeggiator for creating rhythmic patterns.
- **Smart Chord/Scale Features:** Functions to assist with playing chords and scales correctly.



Figure 3: Detailed view of the M-VAVE K5's assignable controls, including keys, pads, and rotary encoders.

4.2. Using Smart Features

The K5 includes intelligent features to enhance your playing and composition:

- **Smart Chord:** This function allows you to play complex chords with a single key press. Activate the Smart Chord mode and select your desired chord type.
- **Smart Scale:** When enabled, the Smart Scale feature ensures that any notes you play will always be in the selected musical scale, preventing wrong notes and aiding in melodic creation.
- **Arpeggiator:** Use the Arp button to activate the arpeggiator. Adjust parameters like tempo, division, and swing using the dedicated controls to create dynamic arpeggiated sequences.



SMART CHORDS AND SMART SCALES QUICK SELECTION BY KEYS



2000MAH
BATTERY



ONE KEY AND
SPIN PLAYING



OCTAGON SHIFT
SWITCH



HOST SOFTWARE
CONTROL



ARPEGGIATOR



Figure 4: The M-VAVE K5's smart features, including chord and scale functions, designed for ease of use.

4.3. Software Compatibility

The M-VAVE K5 is compatible with a wide range of digital audio workstations (DAWs) and music production software:

- Ableton Live
- FL Studio
- Cubase
- Logic Pro X
- Bitwig
- Reason
- Studio One
- GarageBand (iOS)
- And many more class-compliant MIDI software applications.

COMPLETE COMMAND OF ANY MUSIC PRODUCTION APP

Compact MIDI KeyBoard Controller Featuring Plug and Play USB Connectivity With



Figure 5: The M-VAVE K5 seamlessly integrates with popular music production software.

5. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the surface of the controller. Avoid abrasive cleaners or solvents.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** For optimal battery life, avoid fully discharging the battery frequently. Charge the device regularly, especially if it will be stored for extended periods.

6. TROUBLESHOOTING

- **No Power:** Ensure the USB cable is securely connected to both the controller and a power source. If using battery, check if it needs charging.

- **No Sound/MIDI Signal:**

- Verify that the K5 is correctly recognized by your computer/device and DAW.
- Check MIDI input settings in your DAW.
- Ensure the correct instrument or track is armed for recording/playback in your software.
- For Bluetooth, ensure successful pairing and that the device is within range.

- **Pads/Keys Not Responding:** Check if the device is powered on and connected. Ensure no software conflicts are present.

- **Latency Issues:** Reduce the buffer size in your DAW's audio settings. Ensure your computer meets the minimum system requirements for your software.

7. SPECIFICATIONS

Model Name	K5
Brand	M-VAVE
Number of Keys	25 (Velocity-sensitive)
Drum Pads	8 (RGB Backlit, Velocity-sensitive)
Rotary Encoders	8 (Assignable)
Touch Strips	2 (Pitch Bend, Modulation)
Connectivity	Bluetooth, USB
Hardware Interface	USB
Compatible Devices	Android, Mac OS, Windows, iOS
Supported Software	Ableton Live, FL Studio, Cubase, Logic Pro X, Bitwig, Reason, Studio One, GarageBand (iOS)
Battery Type	1 Lithium Polymer (included)
Battery Life	Approx. 16 hours
Item Weight	2.31 pounds
Product Dimensions	12.6 x 7 x 1.8 inches
Date First Available	July 10, 2022

8. WARRANTY AND SUPPORT

The M-VAVE K5 MIDI Keyboard Controller comes with a one-year warranty from the date of purchase. For technical support, troubleshooting assistance, or warranty claims, please contact M-VAVE customer service through their official website or the retailer where the product was purchased. Please retain your proof of purchase for warranty validation.

For additional resources and software updates, visit the official M-VAVE website.