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M-VAVE K5

M-VAVE K5 MIDI Keyboard Controller User Manual

25-Key USB MIDI Keyboard Controller with 16 Backlit Drum Pads and Bluetooth Connectivity

1. Introduction

Thank you for purchasing the M-VAVE K5 MIDI Keyboard Controller. This compact and versatile device is designed for music production, offering a comprehensive set of controls for both studio and on-the-go creativity. With its velocity-sensitive keys, backlit drum pads, assignable knobs, and Bluetooth connectivity, the K5 provides an intuitive and powerful interface for your digital audio workstation (DAW) and music applications.



Figure 1: M-VAVE K5 MIDI Keyboard Controller

2. Product Features

The M-VAVE K5 is equipped with a range of features to enhance your music production workflow:

- **25 Velocity-Sensitive Mini Keys:** Provides expressive control for melodies and harmonies.
- **16 RGB Backlit Drum Pads:** Velocity-sensitive pads ideal for beat making and triggering samples.
- **8 Assignable Rotary Encoders:** Customize control over parameters in your DAW or virtual instruments.
- **2 Capacitive Touch Strips:** For dynamic pitch bend and modulation control.
- **Bluetooth Wireless Connectivity:** Seamlessly connect to compatible devices without cables.
- **Built-in 2,000 mAh Battery:** Offers up to 16 hours of portable use.
- **Wide Compatibility:** Supports Windows, Mac OS, Android, and iOS operating systems.
- **DAW Integration:** Compatible with popular DAWs including Ableton Live, FL Studio, Cubase, Logic Pro X, Bitwig, Reason, Studio One, and GarageBand (iOS).
- **Smart Chord and Smart Sound Functions:** Facilitates quick selection and performance of chords and scales.
- **Arpeggiator:** Built-in arpeggiator for creating rhythmic patterns.



Figure 2: Key assignable controls on the M-VAVE K5

3. Setup

3.1. Connecting via USB

To connect your M-VAVE K5 via USB, use the provided USB cable to connect the controller's USB port to an available USB port on your computer. The device is USB-powered and class-compliant, meaning it typically does not require additional drivers for basic functionality on most operating systems.

3.2. Connecting via Bluetooth

The M-VAVE K5 supports Bluetooth MIDI for wireless connectivity. Ensure your device (computer, tablet, or smartphone) has Bluetooth enabled and supports Bluetooth MIDI. The pairing process may vary slightly depending on your operating system or DAW:

- Turn on the M-VAVE K5 using the power switch.
- On your device, open your DAW or music application.
- Navigate to the MIDI or Bluetooth MIDI settings within the application.
- Scan for available Bluetooth MIDI devices and select "M-VAVE K5" (or similar) to pair.
- Once paired, the Bluetooth indicator on the K5 will confirm the connection.



Figure 3: Wireless Bluetooth connection setup

3.3. Software Installation and Compatibility

The M-VAVE K5 is compatible with a wide range of digital audio workstations and music production software. While no specific driver installation is typically required, some advanced configuration may be done through a companion application (e.g., "Cube Suite" for iOS, as mentioned in user reviews, though not officially provided in product data). Refer to your DAW's manual for specific MIDI controller setup instructions.

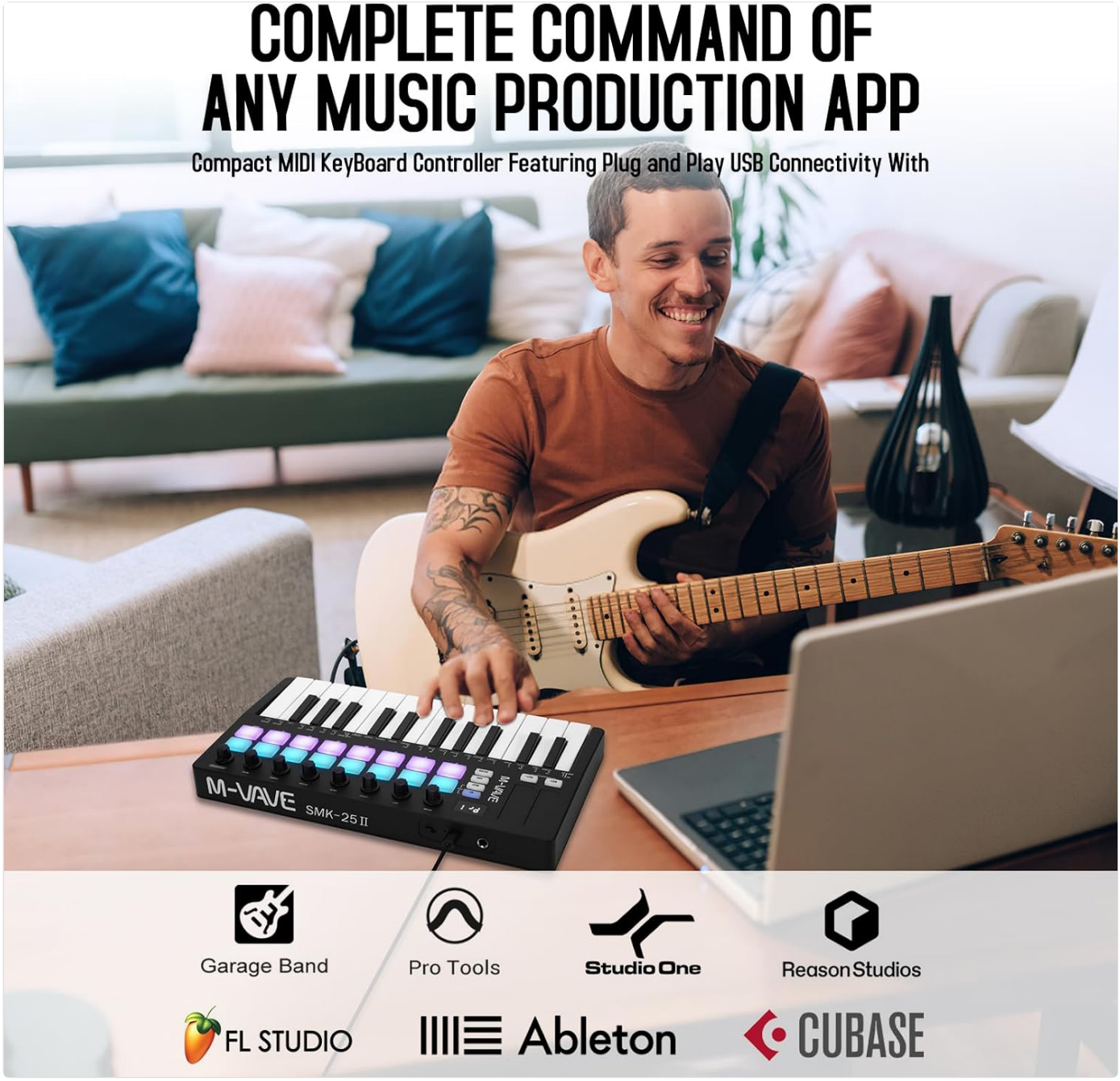


Figure 4: M-VAVE K5 compatibility with popular music software

4. Operating Instructions

4.1. Keys and Pads

The 25 mini keys are velocity-sensitive, allowing for dynamic musical expression. The 16 RGB backlit drum pads also respond to velocity, making them suitable for expressive beat programming and sample triggering. The pads can often be assigned to different banks or functions depending on your DAW's MIDI mapping capabilities.

4.2. Rotary Encoders

The 8 assignable rotary encoders provide continuous control over various parameters. These can be mapped to control volume, pan, effects sends, filter cutoffs, or any other assignable parameter within your software.

4.3. Touch Strips

The two capacitive touch strips are typically used for pitch bend and modulation. These allow for fluid and expressive manipulation of sounds.

4.4. Smart Functions (Chord/Scale)

The K5 features smart chord and smart sound functions, enabling users to quickly select and play chords or stay within a chosen musical scale. This is particularly useful for beginners or for rapid idea generation during practice or performance.

4.5. Arpeggiator

The built-in arpeggiator allows you to automatically generate rhythmic patterns from held notes. Consult the device's display and controls for arpeggiator settings such as tempo, gate, and swing.

4.6. Transport Controls

The controller includes basic transport controls (Play, Stop, Record) for convenient operation of your DAW without needing to reach for your computer keyboard or mouse.

4.7. Display

The integrated display provides visual feedback on current settings, modes, and parameter values, aiding in navigation and control.

5. Maintenance

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

- Keep the device clean by wiping it with a soft, dry cloth. Avoid using abrasive cleaners or solvents.
- Protect the controller from dust, moisture, and extreme temperatures.
- Avoid placing heavy objects on the keys or pads.
- When not in use for extended periods, store the device in a cool, dry place.
- Regularly charge the built-in battery to maintain its health, even if not frequently used.

6. Troubleshooting

Problem	Possible Cause	Solution
Device not powering on.	Low battery or power switch off.	Ensure the power switch is ON. Charge the device using the USB cable.
No sound or MIDI input in DAW.	Incorrect connection or DAW settings.	Verify USB or Bluetooth connection. Check MIDI input settings in your DAW to ensure the K5 is selected and enabled.
Bluetooth connection unstable.	Interference or distance from host device.	Reduce distance between K5 and host device. Minimize other wireless interference. Re-pair the device.
Keys/Pads not responding to velocity.	Velocity curve settings or software issue.	Check velocity curve settings on the K5 (if available) or within your DAW. Ensure the instrument in your DAW is velocity-sensitive.

7. Specifications

- **Model:** K5
- **Keys:** 25 velocity-sensitive mini keys
- **Pads:** 16 RGB backlit velocity-sensitive drum pads
- **Knobs:** 8 assignable rotary encoders
- **Touch Strips:** 2 capacitive (Pitch Bend, Modulation)
- **Connectivity:** USB (Type-B), Bluetooth, 1/4-inch Stereo (Sustain/MIDI Out)
- **Battery:** 1 Lithium Polymer (included), 2,000 mAh (approx. 16 hours operation)
- **Dimensions:** 12.6 x 7 x 1.8 inches (32 x 17.8 x 4.6 cm)
- **Weight:** 2.2 pounds (1 kg)
- **Compatibility:** Windows, Mac OS, iOS, Android
- **Supported Software:** Ableton Live, FL Studio, Cubase, Logic Pro X, Bitwig, Reason, Studio One, GarageBand (iOS)
- **Country of Origin:** China



Figure 5: M-VAVE K5 USB port and battery details

8. Warranty and Support

8.1. Warranty Information

The M-VAVE K5 MIDI Keyboard Controller comes with a **one-year warranty** from the date of purchase. Additionally, a **30-day money-back guarantee** is provided. This warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by misuse, accident, unauthorized modification, or external causes.

8.2. Technical Support

For technical assistance or warranty claims, please contact the M-VAVE customer support team through the retailer where the product was purchased. For advanced configuration and customization, refer to the "Cube Suite" application (availability may vary by platform).

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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