

## M-Wave K5

# M-WAVE Wireless MIDI Controller Mixer User Manual

Model: K5

## 1. INTRODUCTION

This user manual provides comprehensive instructions for the M-WAVE Wireless MIDI Controller Mixer (Model K5). This portable device is designed to enhance your music production workflow with its wireless capabilities, assignable controls, and seamless integration with popular Digital Audio Workstations (DAWs). Please read this manual thoroughly before operating the device to ensure proper usage and optimal performance.

## 2. PRODUCT OVERVIEW

The M-WAVE K5 MIDI Controller Mixer features a compact design with a range of controls for versatile music creation.

### 2.1 Key Features

- 8 assignable control actuators (knobs and faders)
- Wireless Bluetooth connectivity
- USB Type-C port for wired connection and charging
- Built-in rechargeable Lithium Polymer battery
- Soft backlit silicone buttons for quiet operation
- Compatibility with Windows, Mac, iOS, and Android platforms
- Seamless integration with major DAWs

### 2.2 Component Identification

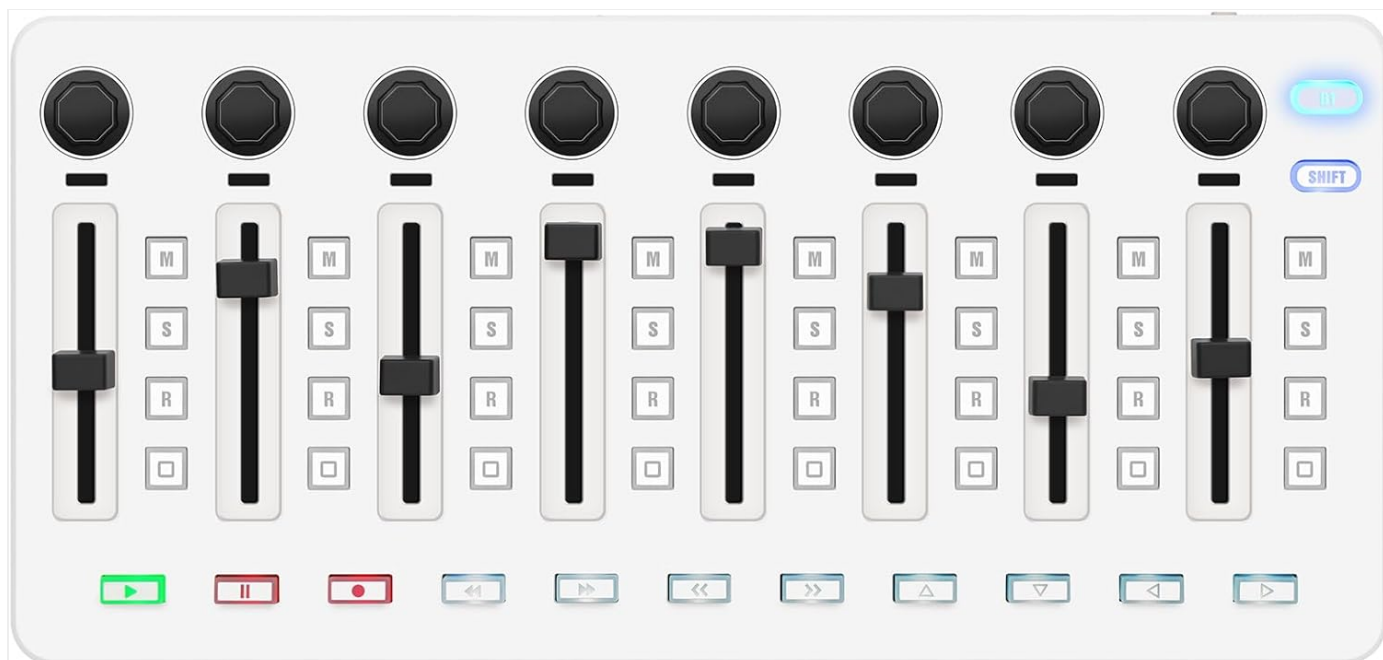
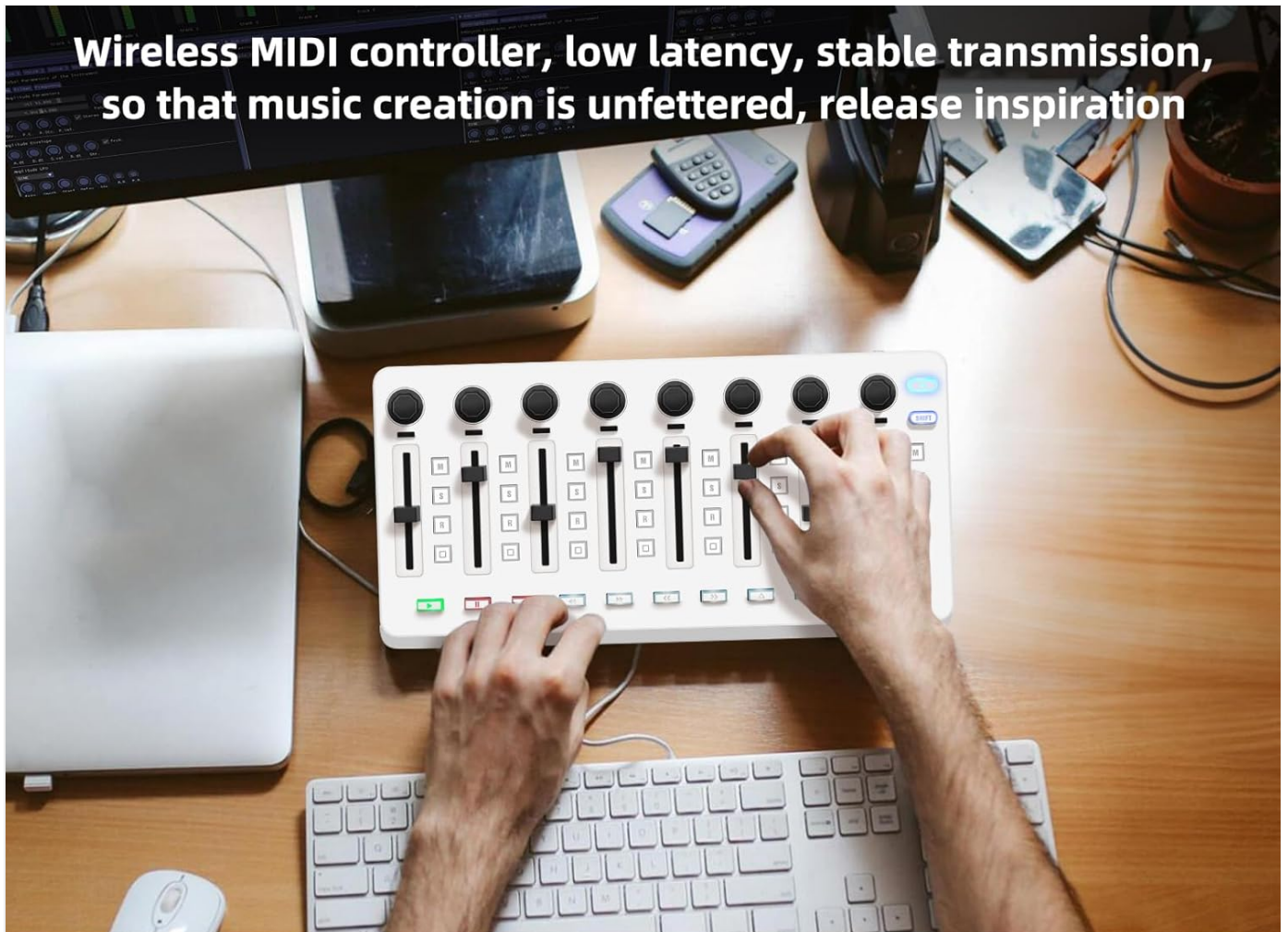


Figure 2.1: Front view of the M-WAVE K5 MIDI Controller, highlighting its faders, knobs, and control buttons.

This image displays the main interface of the M-WAVE K5, featuring eight vertical faders, eight rotary knobs above them, and various square buttons for mute, solo, record, and other functions. A 'SHIFT' button and a Bluetooth indicator are visible on the top right.

**Wireless MIDI controller, low latency, stable transmission,  
so that music creation is unfettered, release inspiration**



Wireless connection PC/MAC/IOS/ANDRIOD mobile terminal without cable binding



Compatible with Windows/Mac platforms

Figure 2.2: Wireless connectivity and multi-platform compatibility.

The image illustrates the M-WAVE K5 being used wirelessly with a laptop and a desktop setup. Below the main image, icons for PC, Mac, iOS, Android, Windows, and Mac platforms are shown, emphasizing its broad compatibility.



- ✔ Built-in rechargeable battery power supply,
- ✔ no need to replace the battery,
- ✔ long working hours,
- ✔ can also enter the charging mode when connected to use,

**anytime, anywhere, immediately ready to use, enjoy go out to create as you like**

Figure 2.3: USB-C charging port and power supply details.

This close-up view focuses on the side of the M-WAVE K5, clearly showing the USB-C charging port with a cable connected, and a small power switch. Text overlays highlight the built-in rechargeable battery, long working hours, and the ability to charge while in use.



**Perfect integration with mainstream digital audio workstations (DAWs),  
all controls do not need to be manually adapted,  
and the workflow is light**



Figure 2.4: Integration with Digital Audio Workstations (DAWs).

The image depicts the M-WAVE K5 as part of a larger music production setup, including synthesizers, audio interfaces, and a computer monitor displaying a Digital Audio Workstation (DAW) interface. This illustrates the controller's seamless integration capability.

**Soft backlit silicone button design, quiet operation and comfortable touch, so you can focus on the inspiration of music creation without distractions.**



Figure 2.5: Soft backlit silicone button design.

This image shows a user's hands interacting with the M-WAVE K5, emphasizing the soft, backlit silicone buttons. The text indicates quiet operation and comfortable touch, designed to minimize distractions during music creation.





**Each set of faders has an indicator light to provide you with immediate visual feedback;**

Each control unit can be customized to create a unique and perfectly fit music production experience that makes your music unique.



Figure 2.6: Detailed views of faders, USB-C port, and assignable controls.

This collage provides detailed close-ups of the M-WAVE K5. It shows the faders with their indicator lights, the USB-C port, and the overall layout of the assignable controls, highlighting the customizable nature of the unit.



Figure 2.7: Versatile usage scenarios.

This four-panel image demonstrates the M-WAVE K5's versatility, showing it connected and in use with a smartphone, a tablet, a laptop, and a full desktop computer setup, illustrating its adaptability to different production environments.

### 3. SETUP

#### 3.1 Charging the Device

The M-WAVE K5 comes with a built-in rechargeable Lithium Polymer battery.

1. Connect the supplied USB Type-C cable to the USB-C port on the side of the controller.
2. Connect the other end of the USB cable to a standard USB power adapter (not included) or a computer's USB port.
3. The device will begin charging. The indicator light will show charging status.
4. The device can be used while charging.

#### 3.2 Powering On/Off

Locate the power switch on the side of the device, near the USB-C port.



- To power on: Slide the switch to the 'ON' position.
- To power off: Slide the switch to the 'OFF' position.

### 3.3 Connecting to a Device

#### 3.3.1 Bluetooth Wireless Connection

The M-WAVE K5 supports wireless connection to PC, Mac, iOS, and Android devices.

1. Ensure the M-WAVE K5 is powered on.
2. Activate Bluetooth on your computer, tablet, or smartphone.
3. Search for available Bluetooth devices. The M-WAVE K5 should appear as "M-WAVE K5" or similar.
4. Select the device to pair. The Bluetooth indicator on the controller will confirm a successful connection.

#### 3.3.2 USB Wired Connection

For a direct connection, use the supplied USB Type-C cable.

1. Connect one end of the USB Type-C cable to the controller.
2. Connect the other end to a USB port on your computer.
3. The device is plug-and-play and does not require driver installation for basic functionality. It will be automatically recognized by your operating system.

### 3.4 DAW Integration

The M-WAVE K5 is designed for seamless integration with mainstream Digital Audio Workstations (DAWs).

- Supported DAWs include: Ableton Live, FL Studio, Cubase, Logic Pro X, Bitwig, Reason, Studio One, GarageBand.
- Most controls do not require manual adaptation; the device should map automatically within compatible DAWs. Refer to your DAW's documentation for specific MIDI controller setup instructions if needed.

## 4. OPERATING INSTRUCTIONS

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### 4.1 Assignable Controls

The M-WAVE K5 features 8 assignable faders and 8 assignable rotary encoders (knobs), along with multiple assignable buttons.

- **Faders:** Each of the 8 faders can be assigned to control track volume, send levels, or other continuous parameters within your DAW. They feature indicator lights for visual feedback.
- **Knobs (Encoders):** The 8 rotary knobs can be assigned to control pan, effects parameters, filter cutoff, or any other MIDI-mappable control.
- **Buttons:** The various buttons (e.g., M, S, R, square buttons below faders, transport controls) can be assigned to functions like mute, solo, record arm, track selection, play, pause, stop, fast forward, rewind, loop, and more.

Refer to your DAW's MIDI mapping or controller assignment features to customize the functions of these controls.

### 4.2 SHIFT Function

The 'SHIFT' button (located on the top right) allows access to secondary functions for certain controls. Press and hold the 'SHIFT' button while pressing another button or moving a control to activate its secondary function. Consult your DAW's documentation or the M-WAVE software suite (if applicable) for specific shift assignments.

### 4.3 Transport Controls

The dedicated transport control buttons (Play, Pause, Record, Rewind, Fast Forward, Loop, etc.) provide convenient control over your DAW's playback and recording functions.

## 5. MAINTENANCE

Proper care and maintenance will ensure the longevity of your M-WAVE K5 MIDI Controller.

- **Cleaning:** Use a soft, dry, lint-free cloth to clean the surface of the device. For stubborn dirt, slightly dampen the cloth with water. Avoid using harsh chemicals, abrasive cleaners, or solvents, as these can damage the silicone and plastic components.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. If storing for an extended period, charge the battery to approximately 50% before storage and recharge every few months.
- **Handling:** Avoid dropping the device or subjecting it to strong impacts. Do not attempt to disassemble the unit, as this will void the warranty.

## 6. TROUBLESHOOTING

If you encounter issues with your M-WAVE K5, please refer to the following common problems and solutions.

Problem	Possible Cause	Solution
Device does not power on.	Battery is depleted.	Connect the device to a power source using the USB-C cable and allow it to charge.
Bluetooth connection fails.	Device is out of range; Bluetooth is off on host device; Interference.	Ensure the controller is within range. Verify Bluetooth is enabled on your computer/mobile device. Try restarting both devices. Avoid strong electromagnetic interference.
Controls not responding in DAW.	DAW not configured for MIDI input; Incorrect MIDI mapping.	Check your DAW's MIDI settings to ensure the M-WAVE K5 is recognized as an input device. Verify MIDI mapping within your DAW. Restart the DAW.
Intermittent connection.	Low battery; Wireless interference; Loose USB cable.	Ensure the battery is sufficiently charged. Minimize wireless interference. If using USB, ensure the cable is securely connected.

## 7. SPECIFICATIONS

Model Number	K5
Brand	M-Wave
Item Weight	1.41 pounds (approx. 0.64 kg)
Product Dimensions	10 x 1.6 x 4.8 inches (approx. 25.4 x 4.1 x 12.2 cm)
Batteries	1 Lithium Polymer battery (included)
Connector Type	USB, USB Type C
Hardware Interface	USB
Material Type	Silicone
Musical Style	Electronic
Number of Keyboard Keys	8 (referring to assignable buttons/pads)

Mixer Channel Quantity	8
Hardware Platform	Apple SoC (and compatible with Windows, Mac, iOS, Android)
Connectivity Technology	Bluetooth
Special Feature	Portable, Backlit

## 8. WHAT'S IN THE BOX

The M-WAVE Wireless MIDI Controller Mixer package includes the following items:

- M-WAVE Wireless MIDI Controller Mixer (Model K5)
- USB Cable (Type-C)
- User Manual (this document)
- Software Suite (digital download or included media, if applicable)
- Rechargeable battery (pre-installed)

## 9. SUPPORT


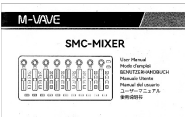

For further assistance, technical support, or product information, please visit the official M-Wave Store or contact customer service through the retailer where you purchased the product.

[Visit the M-Wave Store on Amazon](#)

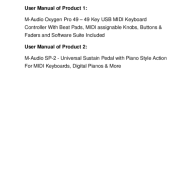




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### Related Documents - K5

	<p><a href="#">M-Audio Oxygen Pro 49 User Manual: Setup, Features, and Operation Guide</a></p> <p>Comprehensive user manual for the M-Audio Oxygen Pro 49, a 49-key USB MIDI keyboard controller. Learn about setup, features, DAW integration, and internal functions for music production.</p>
	<p><a href="#">M-WAVE SMC-MIXER User Manual: Setup, Features, and Specifications</a></p> <p>Comprehensive user manual for the M-WAVE SMC-MIXER MIDI controller. Learn about connection options (USB, Bluetooth), mode selection, controls, technical specifications, and FCC compliance.</p>
	<p><a href="#">M-WAVE SMC-MIXER User Manual: Setup, Features, and Specifications</a></p> <p>Comprehensive user manual for the M-WAVE SMC-MIXER, detailing connection methods, DAW integration, button functions, technical specifications, and FCC compliance. Learn how to set up and use your SMC-MIXER with various digital audio workstations.</p>



	<p><a href="#">M-Audio Oxygen Pro 49 USB MIDI Keyboard Controller Quickstart Guide</a></p> <p>Explore the M-Audio Oxygen Pro 49 Quickstart Guide, a comprehensive resource for setting up and utilizing the 49-key USB MIDI keyboard controller. Learn about its beat pads, assignable knobs, buttons, faders, and included software suite. This guide also covers the M-Audio SP-2 universal sustain pedal, compatible with MIDI keyboards and digital pianos. Find essential setup instructions, feature overviews, and support information for M-Audio products.</p>
	<p><a href="#">Tzumi On Air Wave Mixer User Manual: Features, Setup, and Troubleshooting</a></p> <p>Comprehensive user manual for the Tzumi On Air Wave Mixer, a multi-channel audio interface with EQ and sound effects. Learn about its features, specifications, connection methods, usage, and troubleshooting tips for live broadcasting and recording.</p>
	<p><a href="#">Ampio M-CON-ZWAVE-s: Z-Wave Integration Module - Technical Specifications and Installation Guide</a></p> <p>Detailed information on the Ampio M-CON-ZWAVE-s Z-Wave integration module, including technical specifications, dimensions, installation instructions, device status LED meanings, programming details, and supported Z-Wave devices.</p>