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M-VAVE SMK37 PRO

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Model: SMK37 PRO | Brand: M-VAVE

INTRODUCTION

The M-VAVE SMK37 PRO is a versatile 37-key MIDI keyboard controller designed for music production and beat making. It features 16 backlit drum pads with responsive touch sensitivity, multiple control knobs, pitch/mod wheels, and programmable buttons for real-time parameter adjustments. This manual provides detailed instructions for setting up, operating, and maintaining your device.

Key Features:

- 37 velocity-sensitive keys with three octave range.
- 16 RGB backlit pads with velocity-sensitive and aftertouch.
- 8 assignable 360-degree rotary encoders.
- 4 assignable faders for parameter control.
- Built-in arpeggiator, note repeat, and sequencer functions.
- Integrated sound source (DX-7 FM synthesizer engine).
- USB-C, MIDI OUT, and Bluetooth connectivity.
- Built-in battery for portable use (up to 10 hours).

WHAT'S IN THE BOX

- M-VAVE SMK37 PRO MIDI Keyboard Controller
- USB Cable
- MIDI Cable
- User Manual



Image: The M-VAVE SMK37 PRO MIDI keyboard controller shown with its included USB cable, MIDI cable, and user manual.

SETUP

1. Wired Connection

The SMK37 PRO can be connected to your computer or mobile device via USB-C for both power and data transmission. Ensure the device is powered on using the switch located on the rear panel.

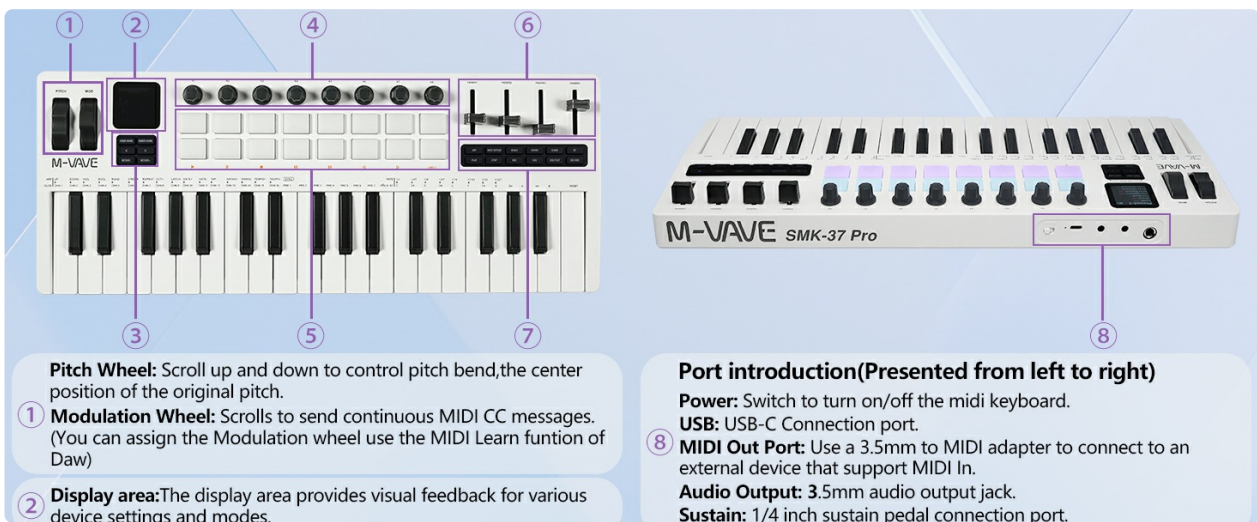


Image: A diagram illustrating how to connect the M-VAVE SMK37 PRO to a Windows/Mac computer using a USB-A to USB-C cable or USB-C to USB-C cable, and to an iOS/Android phone using a USB-C to USB-C cable.

Connecting to a Computer (Windows/Mac):

1. Connect one end of the USB-C cable to the SMK37 PRO's USB-C port.
2. Connect the other end to an available USB port on your computer.
3. Turn on the SMK37 PRO using the power switch.
4. Your computer should automatically recognize the device. For some DAWs, you may need to select the SMK37 PRO as a MIDI input device in the software's preferences.

Connecting to a Phone (iOS/Android):

1. Connect one end of the USB-C cable to the SMK37 PRO's USB-C port.
2. Connect the other end to your phone's USB-C port.
3. Turn on the SMK37 PRO.
4. For iOS/Android, ensure you have a compatible DAW or music application installed that supports external MIDI devices.
5. Note: 3.5mm headphones may need to be plugged in for audio output on some mobile devices.

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Video: This video demonstrates the various connection methods for the M-VAVE SMK37 PRO, including wired connections to

computers and mobile devices. It shows how to physically connect the cables and power on the device.

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Video: An unboxing video for the SMK-37 Pro MIDI keyboard, showing the contents of the package and initial setup.

2. Wireless Connection (Bluetooth)

The SMK37 PRO supports Bluetooth wireless connection for mobile phones and PCs, offering flexible setup and mobility.

1. Turn on the SMK37 PRO.
2. Long-press the "BT" button on the keyboard to activate Bluetooth pairing mode. The BT indicator light will flash.
3. On your computer or mobile device, go to Bluetooth settings and search for "SMK-37 Pro_BLE".
4. Select the device to pair. Once connected, the BT indicator light will remain solid.
5. Windows users may need to download an additional "BLE MIDI driver" for full functionality.

OPERATING INSTRUCTIONS

Controls Overview:



Image: An annotated diagram highlighting the main control elements of the M-WAVE SMK37 PRO, including the Pitch Wheel, Modulation Wheel, 1.54-inch display, various buttons, 8 rotary encoders, 16 RGB backlit pads, and 4 faders.

- **Pitch Wheel:** Scrolls up and down to control pitch bend, returning to the center position.
- **Modulation Wheel:** Sends continuous MIDI CC messages. Assignable in your DAW.
- **1.54-inch Display:** Provides visual feedback for device settings and modes.
- **Knobs (1-8):** Eight assignable 360-degree rotary encoders for parameter control.
- **Pads (1-16):** Sixteen RGB backlit pads with velocity-sensitive and aftertouch.
- **Faders (1-4):** Four assignable faders for controlling various parameters in your DAW or software.
- **Button Area 1 (PAD BANK, KNOB BANK, FADER BANK, OCTAVE+/-, Left/Right):** Used for switching control banks, octave transposition, and navigation.
- **Button Area 2 (ARP, NOTE REPEAT, SCALE, CHORD, GLOBE, BT, PATCH, PARA, FX, SEQ, SEQ PLAY, SEQ REC):** Access various functions like arpeggiator, note repeat, scale modes, chord modes, global settings, Bluetooth, patch selection, parameter editing, effects, and sequencer controls.

DAW Integration:

The SMK37 PRO is compatible with various Digital Audio Workstations (DAWs) such as Ableton Live, FL Studio, Cubase, Logic Pro, Bitwig, and GarageBand. You can control transport functions (Play, Stop, Record, Rewind, Fast Forward, Previous Track, Next Track, Undo) using the pads after switching to the appropriate bank.

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Video: This video demonstrates how to connect the MIDI keyboard to a DAW (Digital Audio Workstation) and use it for track control, including play, stop, record, and navigation functions.

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Video: A detailed introduction to the various functions of the SMK-37 Pro, including arpeggiator, note repeat, scale, chord, and global settings.

Velocity Sensitivity:

The SMK37 PRO features 4 velocity sensitive curves (Normal, Fixed, Light, Hard) allowing customization of touch response for keyboards and pads for personalized playing.

Button aera 1

Knob Bank: Press this button to switch control to knobs 9-16.
Fader Bank: Press this button to switch control to faders 5-8.
Pad Bank: Press both Knob Bank and Fader Bank buttons simultaneously to switch control to pads 17~32.
Left button / Right button: Send MIDI messages or page turning features.
Octave- button / Octave+ button: Tone, lower 8 degrees tone , raise 8 degrees tone.

4 Knobs: Eight assignable 360-degree rotary encoders.


5 Pads: Sixteen RGB back-lit pads with velocity-sensitive & aftertouch.

6 Faders: Four assignable faders that can be used to control various parameters in your DAW or device software, such as volume, pan, or MIDI CC Values.

Button aera 2

7 ARP, Note Repeat, Scale, Chord, Globe, BT, Patch, Para, FX, SEQ, SEQ Play, SEQ Rec (For more information on the functions, please see the function introduction video) .

Product list



- SMK-37 PRO MIDI keyboard
- User manual
- USB cables
- 3.5mm earphones

Image: A visual representation of the four velocity curves (Normal, Fixed, Light, Hard) available on the M-VAVE SMK37 PRO, which customize the touch response of the keys and pads.

SPECIFICATIONS

Feature	Detail
Brand	M-VAVE
Model Number	FBA_M008_SMK37_White
Number of Keys	37
Pads	16 RGB Back-Lit Pads with velocity-sensitive and aftertouch
Knobs	8 assignable endless 360 degree encoders
Faders	4 assignable slide potentiometers
Connectivity Technology	USB, USB Type C, Bluetooth
Battery Life	Up to 10 hours (2000 mAh)
Item Weight	1.5 Kilograms
Compatible Devices	Laptop, PC (Windows/Mac), iOS, Android
Supported Software	Ableton Live, FL Studio, Cubase, Logic Pro, Bitwig, GarageBand

TROUBLESHOOTING

Audio Latency:

If you experience audio delay or latency, consider the following:

- **Software Buffer Size:** Adjust the buffer size in your DAW's audio settings. A smaller buffer size generally reduces latency but requires more processing power.
- **Wireless Earphones:** Using wireless earphones can introduce additional latency. For critical monitoring, a wired connection is recommended.
- **Audio Source:** Some audio sources or plugins may inherently cause delay.
- **Direct Audio Output:** For optimal performance, use the 3.5mm headphone jack on the SMK37 PRO for audio output.
- **Low Battery:** Low battery power can sometimes contribute to performance issues, including latency. Ensure your device is adequately charged.



Image: The M-VALE SMK37 PRO MIDI keyboard controller with an overlay listing common causes of audio delay and recommended solutions, such as adjusting software buffer size, checking wireless earphones, and ensuring sufficient battery power.

WARRANTY AND SUPPORT

Warranty:

The M-VALE SMK37 PRO MIDI Keyboard Controller comes with a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims.

Customer Support:

If you have any questions, encounter issues, or require technical assistance with your M-VALE SMK37 PRO, please contact our customer support team. Refer to the contact information provided in the included user manual or visit the M-VALE official website for support resources.

