sbujuetc SMK-37 Pro

M VAVE SMK-37 Pro MIDI Keyboard User Manual

Model: SMK-37 Pro

1. Introduction

This manual provides comprehensive instructions for the setup, operation, and maintenance of your M VAVE SMK-37 Pro MIDI Keyboard. Please read this manual thoroughly before using the device to ensure proper functionality and to maximize your creative potential.

2. Package Contents

Verify that all items listed below are included in your package:

- 1 x SMK-37 Pro MIDI Keyboard
- 1 x USB Connection Cable (USB-C)
- 1 x User Guide (this document)

3. Product Overview

The M VAVE SMK-37 Pro is a versatile MIDI controller designed for music production and studio control. It features 37 velocity-sensitive keys, 16 RGB backlit drum pads, 8 assignable rotary encoders, and 4 assignable faders, along with DAW integration and an arpeggiator function.

Figure 3.1: Front view of the M VAVE SMK-37 Pro MIDI Keyboard, showing keys, pads, knobs, faders, and display.

3.1. Front Panel Controls

- **37 Velocity-Sensitive Keys:** Standard piano-style keys that respond to how hard you press them.
- **16 RGB Backlit Drum Pads:** Velocity-sensitive pads with aftertouch, providing visual feedback.
- **8 Assignable Rotary Encoders (Knobs):** 360-degree rotary controls for various parameters. These can send Aftertouch, MIDI CC, or pitch information, configurable via the MIDI SUITE software.
- **4 Assignable Faders:** Sliders for controlling parameters like volume or pan.
- **Pitch Wheel:** Controls pitch bend. Returns to center when released.
- **Modulation Wheel:** Sends continuous MIDI CC messages. Assignable via MIDI Learn function in your DAW.
- **Mini Display:** Provides visual feedback for device settings and modes.
- **Bank Buttons (Knob Bank, Fader Bank, Pad Bank):** Used to switch control to different sets of knobs, faders, or pads (e.g., knobs 9-16, faders 5-8, pads 9-16).
- **Other Buttons:** Includes buttons for Arpeggiator (ARP), Note Repeat, Scale, Chord, Octave Up/Down, and transport controls (Play, Stop, Rec, Seq, Seq Play, Seq Rec). Left and Right buttons send custom MIDI messages or access specific functions as indicated on the device.

3.2. Rear Panel Connections

- **Audio Output:** 3.5mm audio output jack.
- **MIDI Out Port:** 3.5mm jack for connecting to external MIDI devices using an adapter.
- **Power Switch:** Turns the MIDI keyboard on or off.
- **USB-C Port:** For USB connection to a computer or power source.
- **Sustain Pedal Input:** 1/4 inch jack for connecting a sustain pedal.

4. Setup

4.1. Powering the Device

1. Connect the supplied USB-C cable to the USB-C port on the rear of the SMK-37 Pro.
2. Connect the other end of the USB-C cable to a computer or a compatible USB power adapter.
3. Flip the Power switch on the rear panel to the "ON" position. The device will power on, and the display will illuminate.

4.2. Connecting to a Computer (USB MIDI)

1. Ensure the SMK-37 Pro is powered on as described in Section 4.1.
2. Connect the USB-C cable from the SMK-37 Pro to an available USB port on your computer.
3. Your computer should automatically recognize the device as a MIDI controller. No special drivers are typically required for Windows, macOS, Android, or iOS.
4. Open your Digital Audio Workstation (DAW) software (e.g., Ableton Live, FL Studio, Cubase, Logic Pro X, Bitwig, Reason, Studio One, GarageBand).
5. Navigate to the MIDI settings or preferences within your DAW and select "SMK-37 Pro" as a MIDI input device.

4.3. Wireless Connection (Bluetooth)

The SMK-37 Pro supports wireless connection via Bluetooth. Refer to your operating system's or DAW's documentation for specific instructions on connecting Bluetooth MIDI devices.

1. Ensure the SMK-37 Pro is powered on.
2. Enable Bluetooth on your computer, tablet, or smartphone.
3. Search for available Bluetooth devices and select "SMK-37 Pro" to pair.
4. Once paired, select the SMK-37 Pro as a MIDI input device in your music software.

4.4. Connecting External MIDI Devices

To connect to external MIDI hardware:

1. Use a 3.5mm to MIDI adapter (not included) with the MIDI Out Port on the rear panel.
2. Connect the adapter's MIDI OUT to the MIDI IN port of your external MIDI device.

5. Operating Instructions

5.1. Keys and Pads

- **Keys:** Play notes by pressing the 37 velocity-sensitive keys. The velocity determines the intensity of the sound.
- **Pads:** Use the 16 RGB backlit pads to trigger drums, samples, or other MIDI events. The pads are velocity-sensitive and support aftertouch.
- **Pad Bank:** To access pads 9-16, press both the**Knob Bank** and **Fader Bank** buttons simultaneously.

5.2. Knobs and Faders

- **Knobs (K1-K8):** Rotate these eight assignable 360-degree encoders to control various parameters in your DAW or software. These can send Aftertouch, MIDI CC, or pitch information, configurable via the MIDI SUITE software.
- **Knob Bank:** Press this button to switch control to knobs 9-16 (if applicable, or for different parameter sets).
- **Faders (FADER1-FADER4):** Move these four assignable faders to control parameters such as volume, pan, or MIDI CC values within your DAW.
- **Fader Bank:** Press this button to switch control to faders 5-8 (if applicable, or for different parameter sets).

5.3. Pitch and Modulation Wheels

- **Pitch Wheel:** Scroll the pitch wheel up or down to temporarily bend the pitch of notes. It automatically returns to the center (original pitch) when released.
- **Modulation Wheel:** Scroll the modulation wheel to send continuous MIDI CC messages, typically used for vibrato, filter sweeps, or other expressive controls. This can be assigned using the MIDI Learn function in your DAW.

5.4. Arpeggiator Function

The Arpeggiator automatically plays a sequence of notes based on the keys you hold.

1. Press the **ARP** button to enable the Arpeggiator.
2. To adjust arpeggiator parameters (e.g., rate, mode, octave range):
    - Press and hold the **ARP** button while rotating a knob.
    - Alternatively, press and hold the **ARP** button while pressing specific keys (labeled below the keys, e.g., RATE, 1/4, 1/8, etc.) to change settings.

6. Compatibility

The M VAVE SMK-37 Pro MIDI Keyboard is compatible with a wide range of operating systems and Digital Audio Workstations (DAWs):

- **Operating Systems:** Windows, macOS, Android, iOS
- **Supported DAWs:** Ableton Live, FL Studio, Cubase, Logic Pro X, Bitwig, Reason, Studio One, GarageBand (iOS), and others.

7. Specifications

Feature	Description
Model Name	SMK-37 Pro
Number of Keys	37 (Velocity-sensitive)
Drum Pads	16 (RGB backlit, velocity-sensitive, aftertouch)
Rotary Encoders	8 (Assignable, 360-degree)
Faders	4 (Assignable)
Connectivity	USB-C, Bluetooth, 3.5mm MIDI Out
Sustain Pedal Input	1/4 inch Jack
Audio Output	3.5mm Jack
Material	Metal
Compatible OS	Windows, macOS, Android, iOS

8. Troubleshooting

- **No Power:**

- Ensure the USB-C cable is securely connected to both the device and a power source.
- Verify the power switch on the rear panel is in the "ON" position.
- Try a different USB port or power adapter.

- **No Sound/MIDI Output:**
  - Check your DAW's MIDI settings to ensure the "SMK-37 Pro" is selected as an active MIDI input device.
  - Verify that the correct instrument track is armed for recording or monitoring in your DAW.
  - If using external MIDI hardware, ensure the 3.5mm to MIDI adapter is correctly connected and the external device is powered on and configured to receive MIDI.
  - For Bluetooth connection, ensure the device is paired and selected in your software's MIDI settings.
- **Keys/Pads Not Responding:**
  - Check if the device is in a specific mode that might disable normal key/pad input (e.g., a setup mode).
  - Ensure the correct octave range is selected.
- **Arpeggiator Not Working:**
  - Ensure the **ARP** button is illuminated, indicating it is active.
  - Check arpeggiator parameters (rate, mode) to ensure they are set appropriately.

9. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the surface of the device. Do not use liquid cleaners or abrasive materials.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Avoid dropping the device or subjecting it to strong impacts.

10. Warranty and Support

For warranty information and technical support, please refer to the official sbujuetc website or contact their customer service directly. Keep your purchase receipt as proof of purchase.
For further assistance, you may visit the sbujuetc Store on Amazon.