Irfora SMK-25mini

Irfora SMK-25mini MIDI Keyboard User Manual

Model: SMK-25mini

1. Product Overview

The Irfora SMK-25mini is a compact and portable 25-key MIDI control keyboard designed for musicians and producers on the go. It features velocity-sensitive keys, an assignable rotary knob, and multiple connectivity options including USB-C and wireless capabilities, making it compatible with various operating systems like Windows, Mac, iOS, and Android. Its built-in battery and USB-bus power options provide flexibility for any setup.



Figure 1.1: Front view of the SMK-25mini MIDI Keyboard, showcasing its 25 keys, rotary knob, and control buttons.

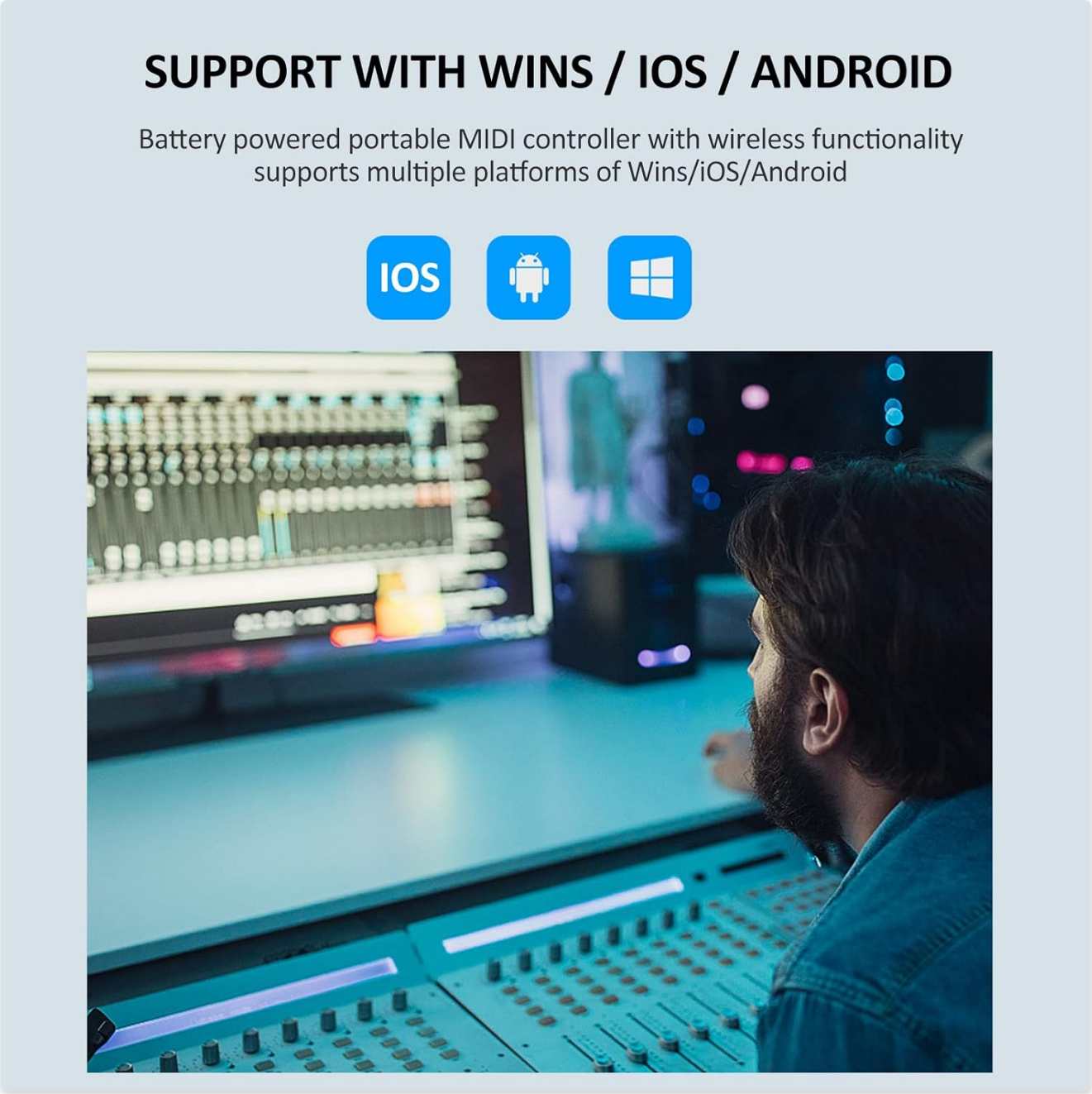


Figure 1.2: Detailed diagram illustrating the key components of the SMK-25mini, including the ON/OFF toggle, Sustain/MIDI Out port, assignable knob, LED display, functional buttons, 25 velocity-sensitive keys, and Type-C interface.

2. What's in the Box

Upon opening the package, please ensure all the following items are present:

- 1 x SMK-25mini MIDI Keyboard
- 1 x Type-C Cable
- 1 x User Manual (English)

3. Setup

3.1 Powering the Device

The SMK-25mini can be powered in two ways:

- **USB-bus-powered:** Connect the included Type-C cable to the keyboard's USB-C port and to a USB port on

your computer or a compatible USB power adapter.

- **Internal Battery:** The keyboard has a built-in 780mAh lithium battery. Ensure it is charged before wireless use. The battery charges automatically when connected via USB.

3.2 Connecting to Your Device

The SMK-25mini offers multiple connection methods:

- **Wired Connection (USB-C):** Connect the Type-C cable from the keyboard to your computer (Windows/Mac) or compatible mobile device (iOS/Android with appropriate adapter, not included). This connection provides both power and MIDI data transfer.
- **Wireless Connection:** The keyboard supports wireless MIDI connectivity with Windows, Mac, iOS, and Android devices. Refer to your device's Bluetooth or wireless MIDI settings to pair with the SMK-25mini.
- **Wireless MIDI Out Function:** For certain setups, an extra wireless MIDI device (not included) may be required to utilize the wireless MIDI Out function.
- **3.5mm Sustain Pedal Connection:** Connect an optional 3.5mm sustain pedal (not included) to the dedicated port for sustain functionality.



Figure 3.1: The Type-C interface on the side of the SMK-25mini, used for both power and wired data connection.

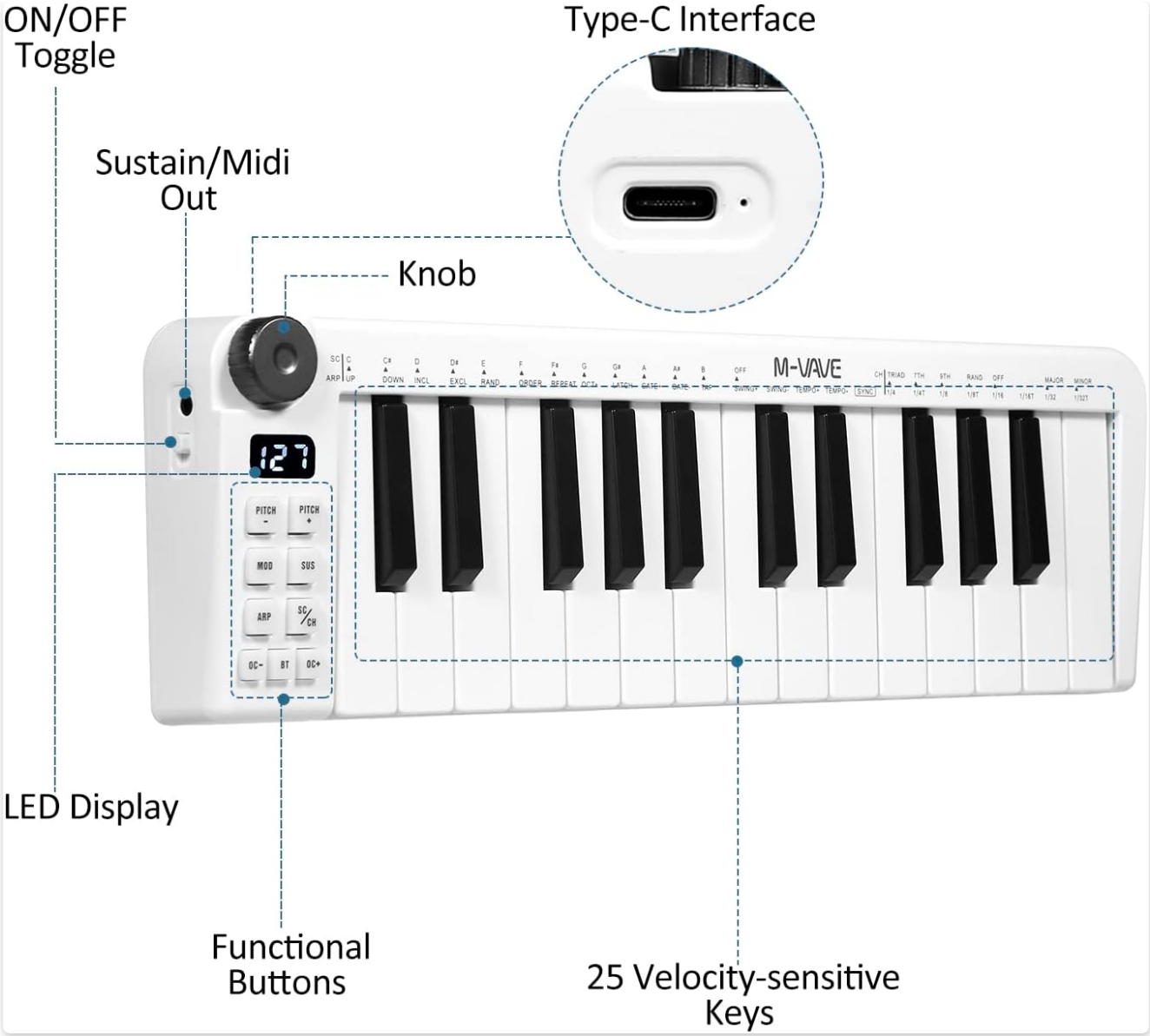


Figure 3.2: The SMK-25mini MIDI Keyboard is compatible with various operating systems, including Windows, iOS, and Android, allowing for versatile use with different devices.

4. Operating Instructions

4.1 Keys and Velocity Sensitivity

The SMK-25mini features 25 velocity-sensitive keys. This means the volume or intensity of the sound produced will vary based on how hard or soft you press the keys, allowing for expressive performances.

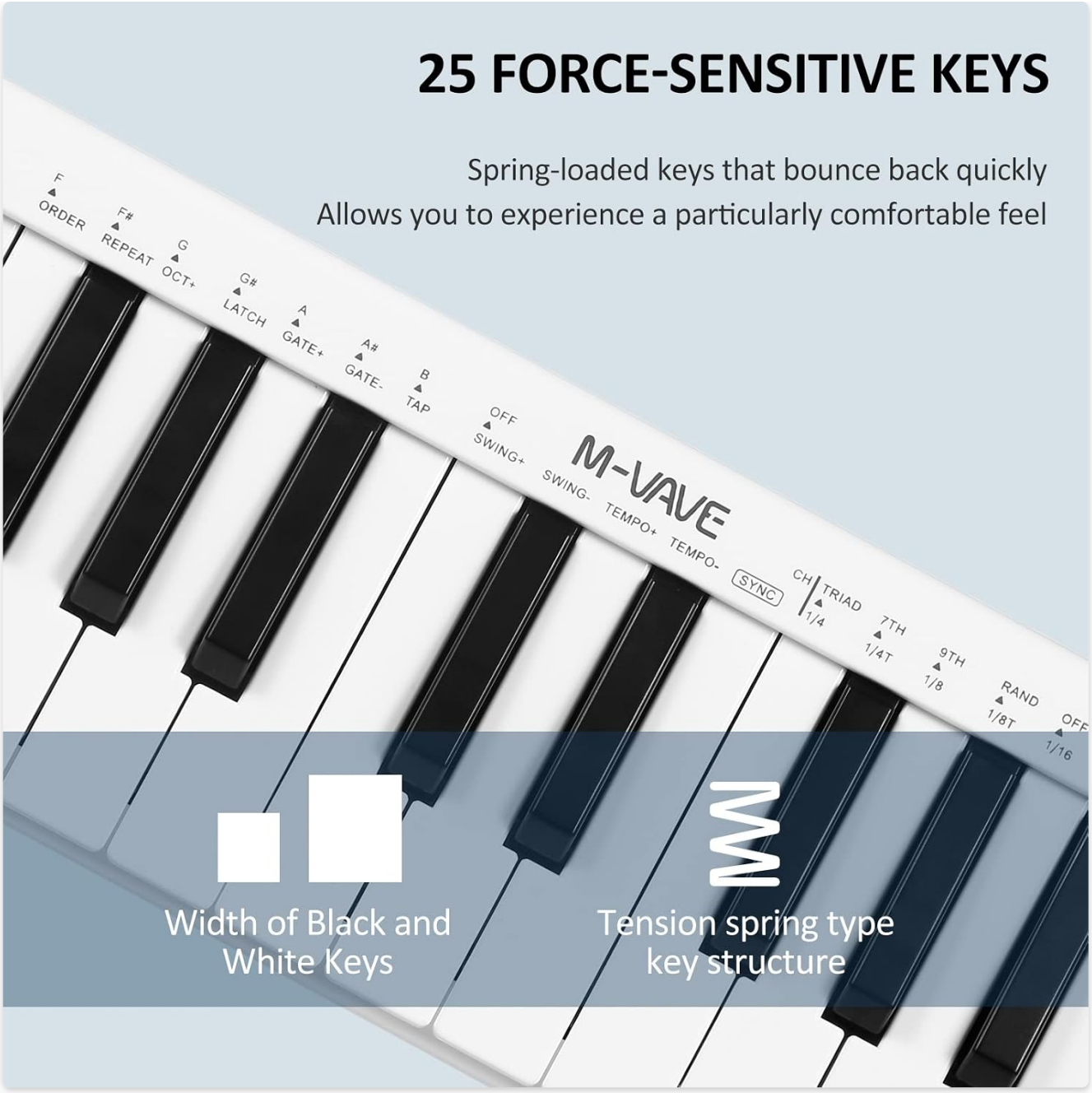


Figure 4.1: A close-up view of the 25 force-sensitive keys, highlighting their spring-loaded design for quick rebound and comfortable playing.

4.2 Assignable Rotary Knob

The keyboard includes one assignable endless 360-degree encoder knob. This knob can be assigned to control various parameters within your MIDI software or digital audio workstation (DAW), such as volume, pan, filter cutoff, or effect send levels. Consult your software's manual for MIDI mapping instructions.



Figure 4.2: The assignable rotary encoder knob, which can be freely rotated to control various parameters in your music software.

4.3 Functional Buttons

The SMK-25mini features several functional buttons to enhance your performance and control:

- **PITCH +/-:** These buttons allow for real-time pitch bending, altering the pitch of notes up or down.
- **MOD:** The modulation button can be assigned to control various modulation effects within your software.
- **SUS:** The sustain button acts like a sustain pedal, holding notes after the key is released.
- **ARP:** Activates the arpeggiator function, playing notes in a sequence based on the keys held.
- **SC/CH:** Likely for scale or chord functions, allowing for easier performance of complex harmonies.
- **OC-** / **OC+:** Octave down and octave up buttons, shifting the keyboard's pitch range by octaves.



Figure 4.3: A close-up of the functional buttons, including Pitch, Mod, Sus, Arp, SC/CH, and Octave controls, which enable bending and modulation effects.

5. Maintenance

To ensure the longevity and optimal performance of your SMK-25mini MIDI Keyboard, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe the surface of the keyboard. For stubborn dirt, slightly dampen the cloth with water. Avoid using harsh chemicals, solvents, or abrasive cleaners, as they can damage the finish.
- **Storage:** Store the keyboard in a cool, dry place away from direct sunlight, extreme temperatures, and high humidity. If storing for an extended period, ensure the battery is partially charged (around 50%) to preserve its lifespan.
- **Handling:** Avoid dropping the keyboard or subjecting it to strong impacts. Do not place heavy objects on top of it.
- **Connectivity Ports:** Keep the USB-C and sustain pedal ports free of dust and debris.

6. Troubleshooting

If you encounter any issues with your SMK-25mini, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Keyboard not powering on.	Low battery or no power source.	Connect the Type-C cable to a power source. Ensure the battery is charged if using wirelessly.
No sound from software.	MIDI input not selected in DAW/software; incorrect MIDI channel; no instrument loaded.	Check your DAW/software's MIDI settings to ensure the SMK-25mini is selected as an input device. Verify the MIDI channel matches your instrument. Load a virtual instrument.
Keys not responding or stuck.	Software issue; physical obstruction.	Restart your DAW/computer. Check for any physical debris under the keys.
Wireless connection unstable.	Interference; distance from host device.	Ensure no other wireless devices are causing interference. Move the keyboard closer to your host device. Re-pair the Bluetooth connection.
Knob or buttons not controlling parameters.	Not mapped in software; incorrect MIDI CC message.	Refer to your DAW/software's manual for MIDI mapping instructions. Ensure the correct MIDI Control Change (CC) messages are being sent/received.

7. Specifications

Feature	Description
Material	ABS
Keys	25 velocity-sensitive keys
Knobs	1 assignable endless 360-degree encoder
Output Ports	3.5mm Sustain pedal connection port; USB-C port
Wireless Connectivity	Wireless connection with Wins/Mac/iOS/Android; Wireless MIDI Out Function (requires extra wireless MIDI device)
Power	780mAh battery supplied or USB-bus-powered
Item Size	348 * 105 * 38mm / 13.71 * 4.13 * 1.50in
Item Weight	450g / 15.88oz
Product Dimensions (Package)	15.16 x 5.51 x 2.64 inches
Manufacturer	Irfora
Country of Origin	China

8. Warranty and Support

This product is covered by a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included in your product packaging or contact Irfora customer support directly. If you require technical assistance, troubleshooting beyond this manual, or have questions about your product, please reach out to the retailer or manufacturer's support channels.

For the latest information and support resources, please visit the official Irfora website or contact their customer service department.

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