**XMSJSIY USB MIDI Interface Box 4 In 4 Out**

# XMSJSIY USB MIDI Interface Box 4 In 4 Out User Manual

## Introduction

The XMSJSIY USB MIDI Interface Box is designed to facilitate the connection and routing of multiple MIDI devices. This 4-input, 4-output interface supports 64 MIDI channels, enabling efficient splitting and merging of MIDI signals for music production environments. It is compatible with PCs and Mac computers equipped with USB MIDI functionality and can connect up to eight USB MIDI devices via a standard USB hub. This device is an essential tool for music editors and producers requiring versatile MIDI connectivity.

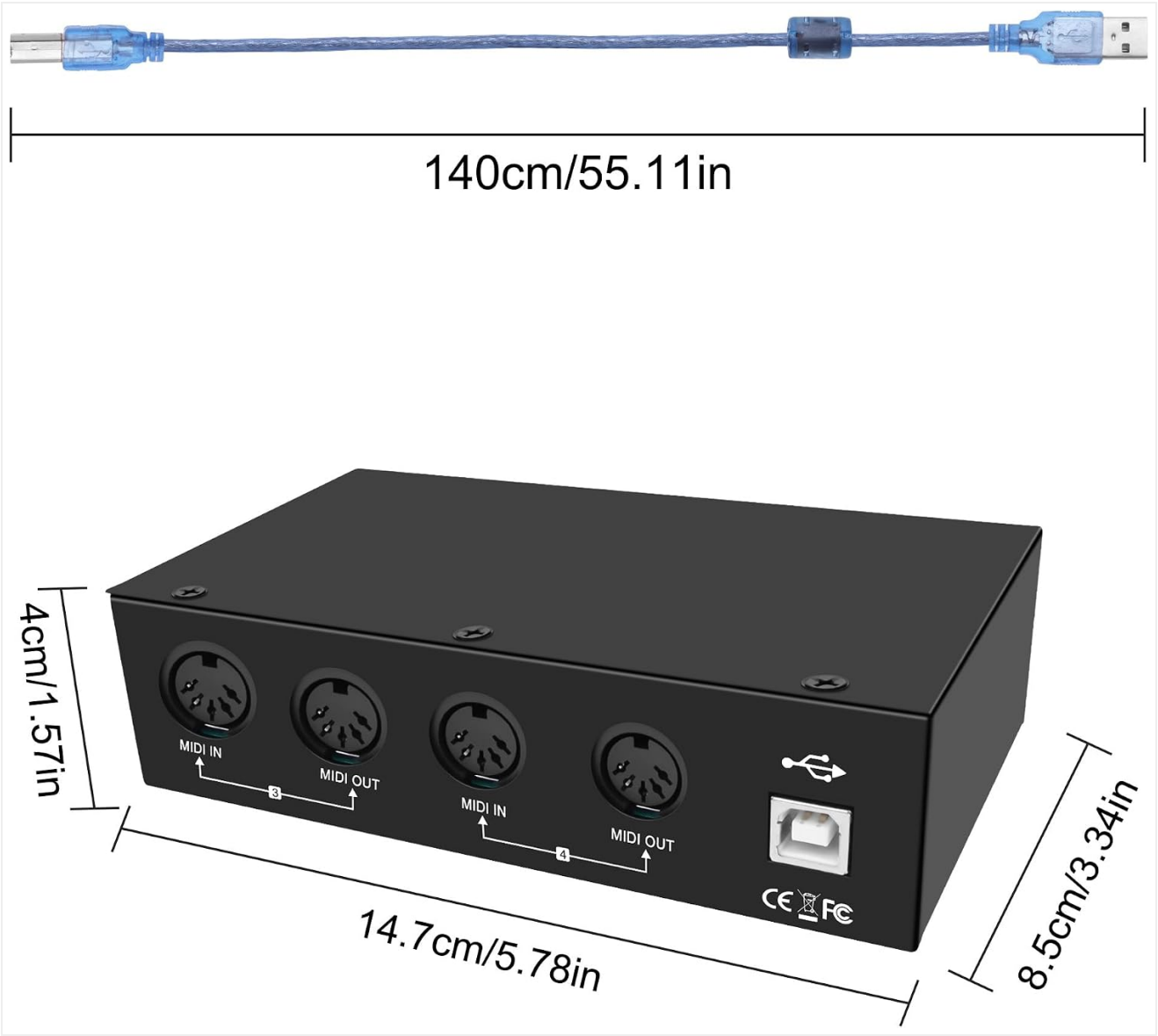
## Product Overview

### Key Features

- **4-Input, 4-Output Configuration:** Supports 64 MIDI channels for comprehensive signal management.
- **High-Strength Construction:** Built with aluminum alloy and robust metal MIDI interfaces for durability.
- **Anti-Slip Design:** Silicone feet on the bottom corners provide stability and shock absorption.
- **High-Speed USB 2.0:** Ensures error-free, rapid data transmission without signal loss. Fully compatible with USB 2.0/1.0/1.1 MIDI devices.
- **LED Indicators:** Features power, USB operation, and MIDI input/output status LEDs for visual feedback.
- **Mode Switching:** A dedicated button allows toggling between USB and five different MIDI Thru modes.
- **Broad Compatibility:** Connects with class-compliant USB MIDI instruments such as keyboards, controllers, digital pianos, and synthesizers.

### Components and Dimensions

The MIDI interface box features a compact design with clearly labeled MIDI IN and MIDI OUT ports, a USB port for computer connection and power, and a mode selection button. LED indicators provide status feedback for power, USB activity, and MIDI signal flow.




Front view of the XMSJSIY USB MIDI Interface Box, showing the MIDI IN/OUT ports, USB port, and mode button.


Image displaying the dimensions of the MIDI interface box: 14.7cm (5.78in) length, 8.5cm (3.34in) width, 4cm (1.57in) height. The USB cable is 140cm (55.11in) long.

## Setup Instructions

Follow these steps to set up your XMSJSIY USB MIDI Interface Box:

1. **Power Connection:** Connect the provided USB cable to the USB port on the MIDI interface box and to a 5V DC USB power supply or a computer USB port. The power indicator LED will illuminate.
2. **Computer Connection:** If using with a computer, connect the USB cable from the interface box to an available USB port on your PC or Mac. The USB operation indicator LED will light up.
3. **MIDI Instrument Connection:**
   - To send MIDI data **from** an instrument **to** the interface box, connect the MIDI OUT of your instrument to a MIDI IN port on the interface box.
   - To send MIDI data **from** the interface box **to** an instrument, connect a MIDI OUT port on the interface box to the MIDI IN of your instrument.
4. **Driver Installation:** The device is class-compliant and typically does not require additional drivers for

Windows, macOS, or Linux. It should be recognized automatically by your operating system.

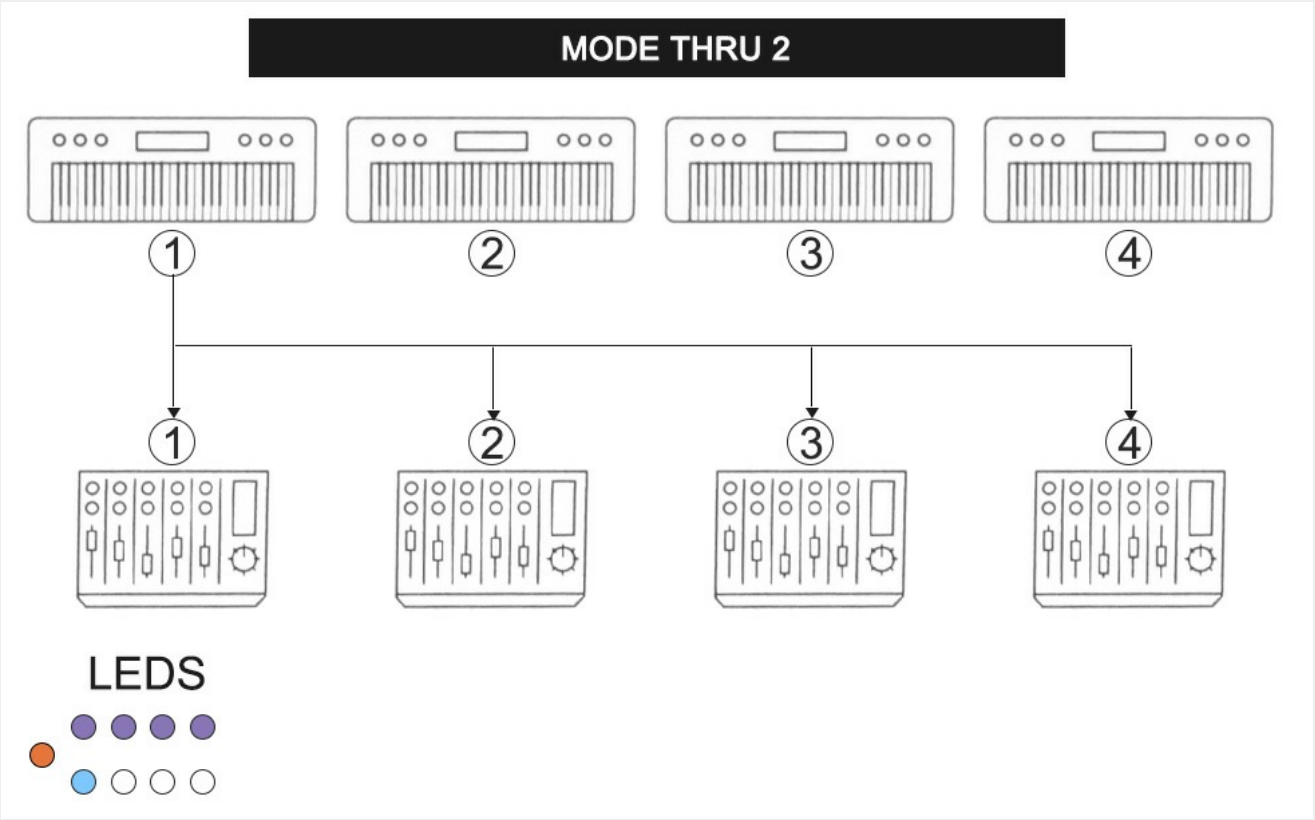

Illustration of the connection process: 1. Connect USB power. 2. Connect MIDI OUT from the interface to MIDI IN of an instrument. 3. Connect MIDI IN from an instrument to MIDI IN of the interface. 4. Connect MIDI OUT from an instrument to MIDI IN of the interface.

## Operating Modes

The XMSJSIY USB MIDI Interface Box features a mode-switching button to select between USB mode and various MIDI Thru modes. The LED indicators provide visual feedback on the currently active mode and MIDI signal transmission.

### USB Mode

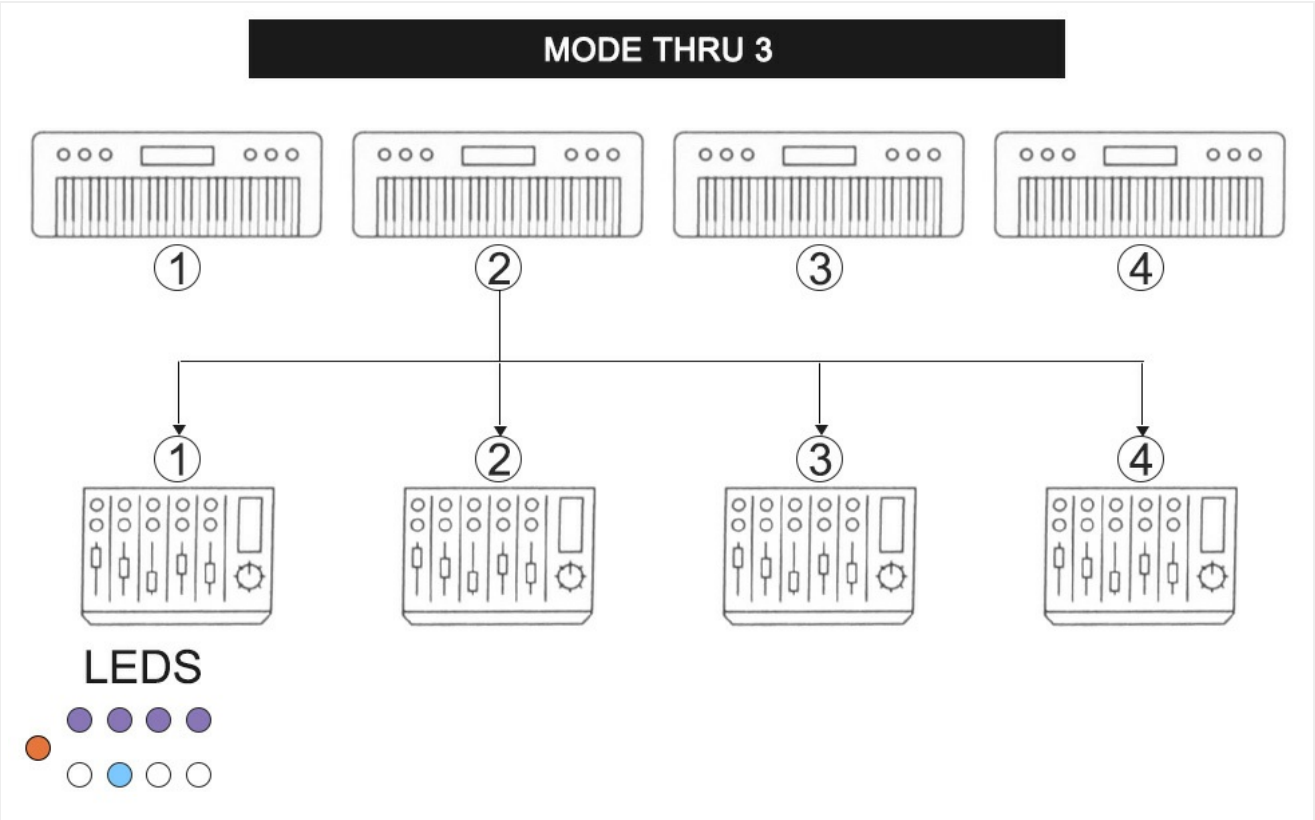
In USB Mode, the interface acts as a standard USB MIDI device, allowing your computer to send and receive MIDI data to and from the connected MIDI instruments. Each of the 4 MIDI IN and 4 MIDI OUT ports can be individually addressed by your Digital Audio Workstation (DAW) software.



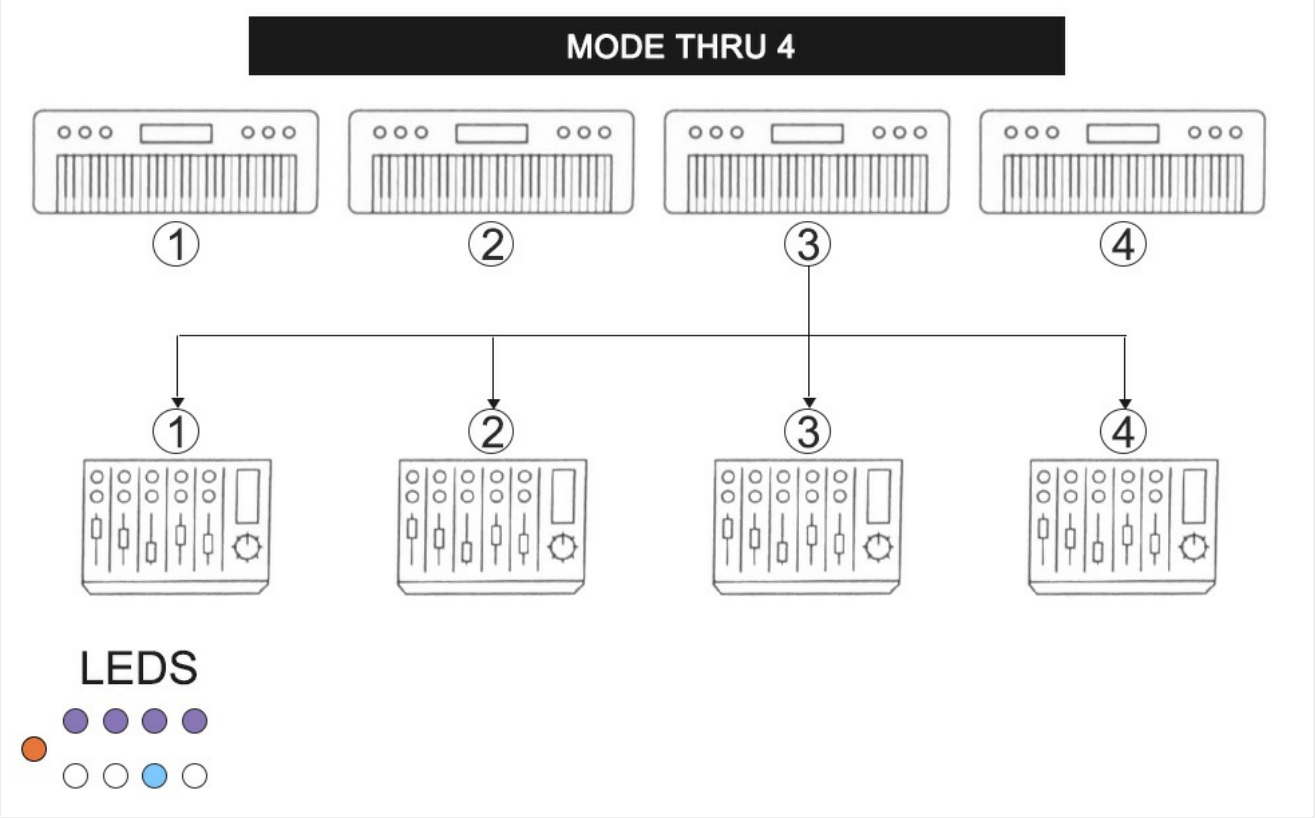

USB Mode: All 4 MIDI INs from instruments connect to the interface, and all 4 MIDI OUTs from the interface connect to instruments, all routed through the USB connection to a computer.

## MIDI Thru Modes

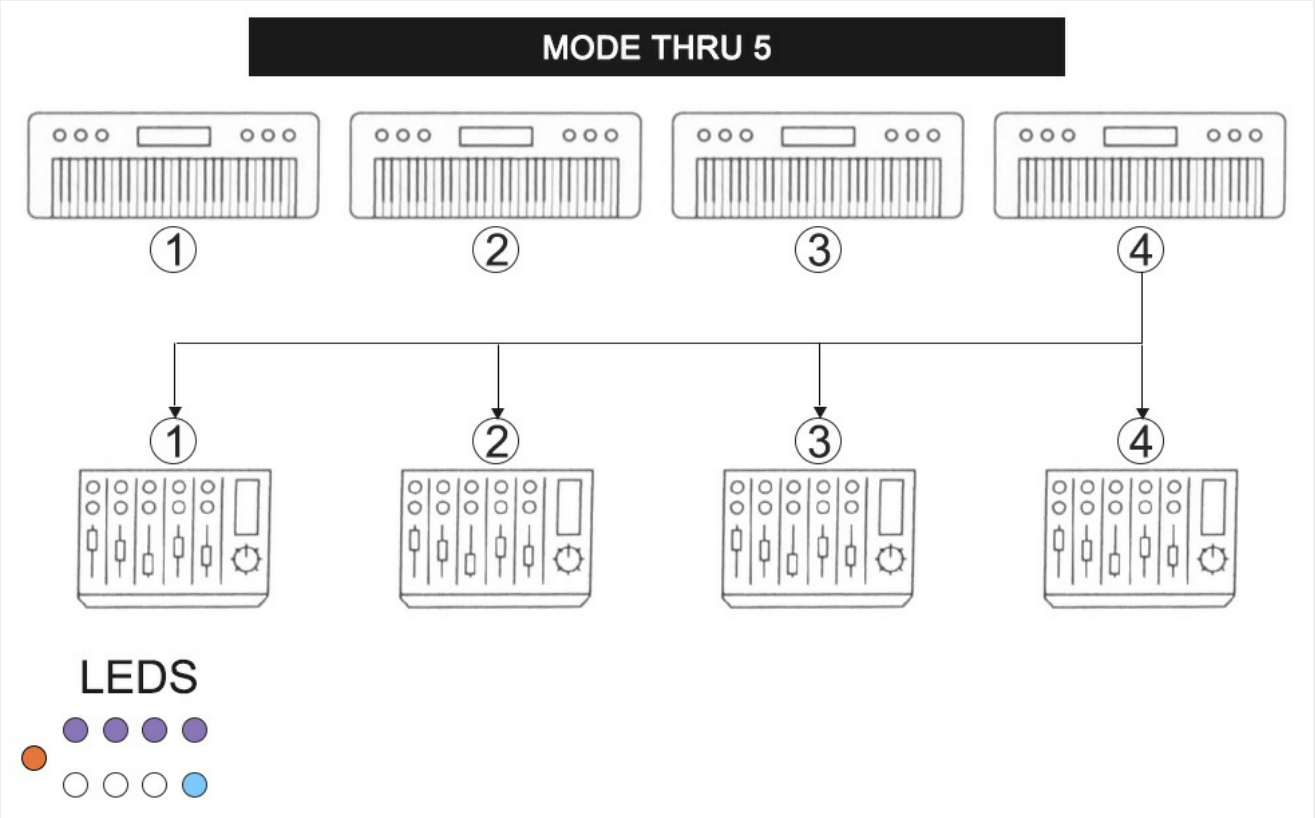
The MIDI Thru modes allow the interface to function as a standalone MIDI router/splitter without requiring a computer connection. Use the mode button to cycle through the available Thru modes.




MIDI Thru Mode 1: Each MIDI IN (1-4) is routed directly to its corresponding MIDI OUT (1-4).

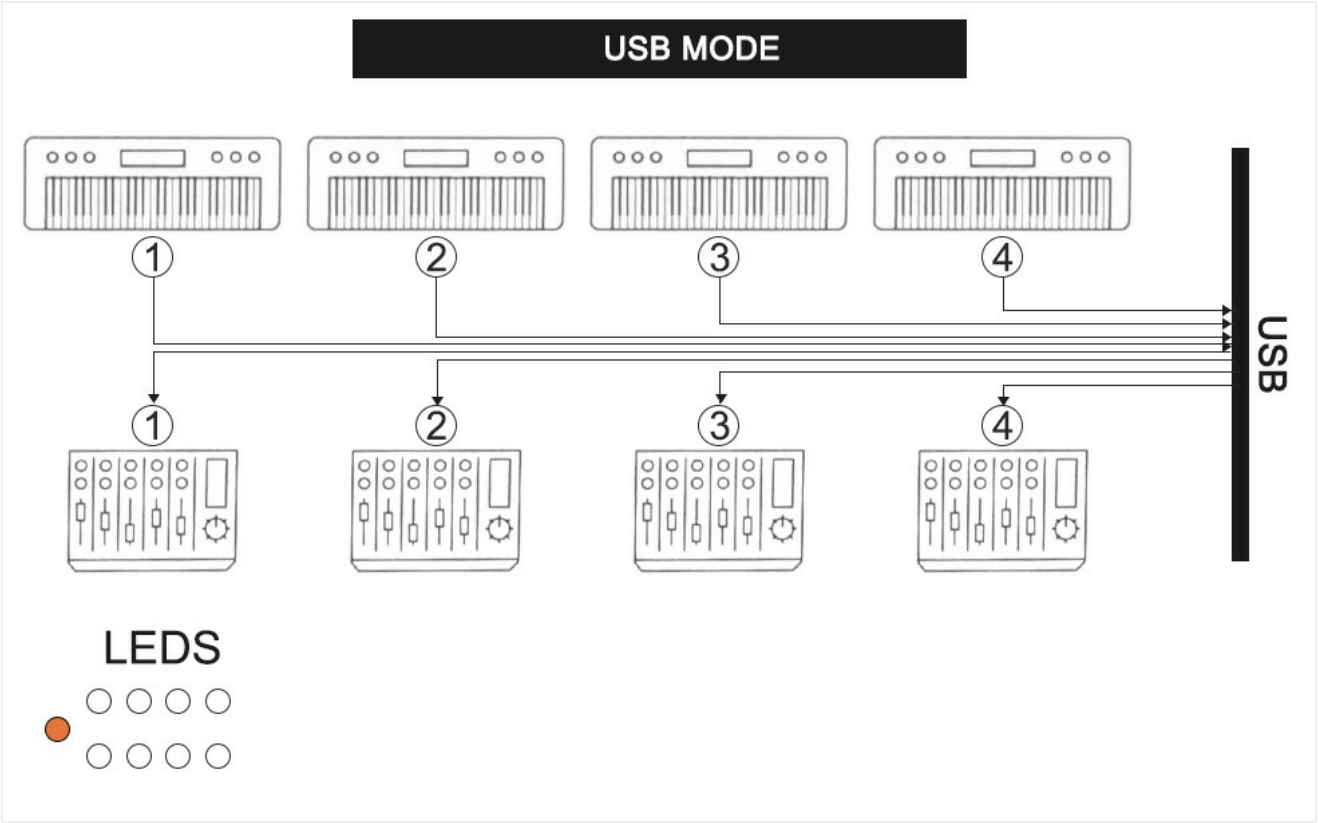



MIDI Thru Mode 2: MIDI IN 1 is routed to MIDI OUTs 1, 2, 3, and 4. MIDI INs 2, 3, and 4 are not routed.




MIDI Thru Mode 3: MIDI IN 1 is routed to MIDI OUTs 1 and 2. MIDI IN 2 is routed to MIDI OUTs 3 and 4. MIDI INs 3 and 4 are not routed.


MIDI Thru Mode 4: MIDI IN 1 is routed to MIDI OUT 1. MIDI IN 2 is routed to MIDI OUT 2. MIDI IN 3 is routed to MIDI OUT 3. MIDI IN 4 is routed to MIDI OUT 4.




MIDI Thru Mode 5: MIDI IN 1 is routed to MIDI OUTs 1, 2, 3, and 4. MIDI INs 2, 3, and 4 are not routed.

## SPECIFICATIONS

| Feature | Detail |
| --- | --- |

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|---|---|
| Item Weight | 12.8 ounces |
| Package Dimensions | 10.7 x 8.7 x 0.6 inches |
| Number of Channels | 4 (MIDI In), 4 (MIDI Out) |
| Connectivity Technology | USB, MIDI (5-pin DIN) |
| Compatible Devices | Class-compliant USB MIDI instruments (keyboards, controllers, digital pianos, electronic drums, synthesizers) |
| Supported Software | Common DAW software such as Ableton Live, FL Studio, Logic Pro, Pro Tools, Cubase, etc. |
| Operating System | Windows, macOS, Linux (class-compliant) |
| Material | High-strength aluminum alloy casing, metal MIDI interfaces |

## Maintenance

To ensure the longevity and optimal performance of your XMSJSIY USB MIDI Interface Box, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. Avoid using liquid cleaners or abrasive materials, as they may damage the finish or internal components.
- **Storage:** Store the device in a cool, dry place away from direct sunlight, extreme temperatures, and high humidity.
- **Handling:** Handle the device with care to prevent physical damage. Avoid dropping or subjecting it to strong impacts.
- **Cable Management:** Ensure all cables are connected securely and are not under undue strain or bent sharply, which can damage the connectors or cables over time.

## Troubleshooting

If you encounter issues with your MIDI interface box, refer to the following troubleshooting tips:

- **No Power Indicator:** Ensure the USB cable is securely connected to a 5V DC power source or a powered USB port. Try a different USB port or power adapter.
- **No USB Operation Indicator:** Verify the USB connection to your computer. Try a different USB port on your computer. Ensure your computer's operating system recognizes the device (check Device Manager on Windows or System Information on macOS).
- **No MIDI Signal Transmission:**
  - Check all MIDI cable connections between the interface box and your instruments. Ensure MIDI OUT is connected to MIDI IN, and vice-versa.
  - Verify the correct operating mode is selected using the mode button. Ensure you are in USB mode if using with a computer, or the appropriate MIDI Thru mode for standalone operation.
  - Confirm that your MIDI instruments are powered on and configured to send/receive MIDI data on the correct channels.

- In your DAW or music software, ensure the XMSJSIY MIDI interface is selected as the input/output device and that MIDI routing is correctly configured.

- **Intermittent Connection/Signal Loss:** Ensure the USB cable is not damaged and is securely connected. Avoid using excessively long or unshielded USB cables.

## Warranty and Support

For warranty information or technical support, please refer to the documentation included with your purchase or contact XMSJSIY customer service directly. Keep your proof of purchase for warranty claims.