

Midiplus X4 mini

Midiplus X4 mini MIDI Keyboard Controller User Manual

Model: X4 mini

1. INTRODUCTION

The Midiplus X4 mini is a compact and versatile 49-key velocity-sensitive MIDI keyboard controller designed for music production and performance. It features a USB connection for power and data, eliminating the need for external power supplies or drivers. This manual provides detailed instructions to help you set up, operate, and maintain your X4 mini controller.

2. SAFETY INFORMATION

- Do not expose the unit to rain, moisture, or extreme temperatures.
- Avoid placing the unit near heat sources or in direct sunlight.
- Do not open the casing or attempt to modify the unit. Refer all servicing to qualified personnel.
- Use only the provided USB cable for connection.
- Keep out of reach of children.

3. PACKAGE CONTENTS

Please check that all items listed below are included in your package:

- Midiplus X4 mini MIDI Keyboard Controller
- USB Cable
- User Manual (this document)

4. PRODUCT OVERVIEW

Familiarize yourself with the various components of your Midiplus X4 mini controller.



Figure 4.1: Front view of the Midiplus X4 mini, showing the 49 mini keys, pitch and modulation touch strips, octave/transpose buttons, four assignable knobs, and function buttons.

4.1 Front Panel Controls

1. **49 Velocity-Sensitive Mini Keys:** Standard piano-style keys, scaled down for portability.
2. **Pitch Bend Touch Strip:** Provides real-time control over pitch modulation.
3. **Modulation Touch Strip:** Provides real-time control over various modulation parameters.
4. **Octave/Transpose Buttons:** Adjust the keyboard's octave range or transpose the pitch.
5. **Assignable Knobs (T1-T4):** Four rotary knobs that can be assigned to control various MIDI Continuous Controller (CC) parameters.
6. **Function Buttons:** Used for various settings and advanced functions.



Figure 4.2: Detail of the pitch and modulation touch strips, along with the Octave/Transpose buttons on the left side of the keyboard.

4.2 Rear Panel Connections



Figure 4.3: Rear panel connections including USB, MIDI Out, and Sustain pedal input.

1. **USB Port:** Connects to your computer for power and MIDI data transmission.
2. **MIDI OUT Port:** Standard 5-pin DIN MIDI output for connecting to external MIDI hardware.
3. **Sustain Pedal Input:** 1/4-inch jack for connecting an optional sustain pedal (not included).

5. SETUP

5.1 Connecting to a Computer

1. Locate the USB port on the rear panel of your X4 mini controller.
2. Connect one end of the provided USB cable to the X4 mini's USB port.
3. Connect the other end of the USB cable to an available USB port on your computer.



Figure 5.1: The USB cable used for connecting the X4 mini to a computer.

4. The X4 mini is a class-compliant device, meaning no special drivers are required for Windows (7/10) or Mac operating systems. Your computer should automatically recognize the device.
5. Open your Digital Audio Workstation (DAW) software (e.g., Ableton Live, Logic Pro, GarageBand, FL Studio, Cubase) and select the Midiplus X4 mini as your MIDI input device in the software's preferences or settings.

5.2 Connecting to External MIDI Hardware

If you are connecting to an external synthesizer or sound module with a 5-pin DIN MIDI input:

1. Connect a standard 5-pin MIDI cable (not included) from the X4 mini's MIDI OUT port to the MIDI IN port of your external hardware.
2. Ensure your external hardware is powered on and configured to receive MIDI data on the appropriate channel.

6. OPERATING INSTRUCTIONS

6.1 Playing the Keyboard

The 49 mini keys are velocity-sensitive, meaning the volume or intensity of a note can vary based on how hard you

press the key. Experiment with different playing dynamics to achieve expressive performances.

6.2 Octave and Transpose Functions

- **Octave Buttons:** Use the dedicated Octave Up and Octave Down buttons (located near the pitch/mod strips) to shift the keyboard's range up or down in full octaves.
- **Transpose Function:** The Octave buttons can also function as Transpose buttons when combined with the SHIFT key. Press and hold the SHIFT button, then use the Octave Up/Down buttons to transpose the keyboard by semitones.

6.3 Pitch Bend and Modulation

- **Pitch Touch Strip:** Slide your finger along this strip to bend the pitch of notes up or down. The pitch returns to center when released.
- **Modulation Touch Strip:** Slide your finger along this strip to apply modulation effects, such as vibrato or tremolo, to your sound. The specific effect depends on your software or hardware instrument's settings.

6.4 Assignable Knobs (T1-T4)

The four rotary knobs (T1-T4) send MIDI Continuous Controller (CC) messages. By default, these may control common parameters like volume or pan in your DAW. You can reassign these knobs to control specific parameters within your software instruments or effects.

- Consult your DAW or software instrument's manual for instructions on how to MIDI-learn or assign CC messages to parameters.
- The X4 mini also allows for on-the-fly reassignment of the CC messages sent by these knobs. Refer to the "Advanced Features" section for details.

7. ADVANCED FEATURES

7.1 Reassigning MIDI CC Messages for Knobs

The Midiplus X4 mini allows you to customize the MIDI CC messages sent by the T1-T4 knobs. This enables you to control a wider range of parameters in your software or hardware.

1. Press and hold the **SHIFT** button.
2. While holding SHIFT, press one of the function buttons (often labeled with CC numbers or functions) corresponding to the knob you wish to reassign.
3. Use the keyboard keys to input the desired MIDI CC number. The specific keys for number input will be indicated on the keyboard itself or in a quick reference guide.
4. Press the **ENTER** or **SHIFT** button again to confirm the assignment.

Note: The exact procedure for CC reassignment may vary slightly. Refer to the markings on your specific unit for precise key combinations.

7.2 Changing MIDI Channels

To change the MIDI channel on which the X4 mini transmits data:

1. Press and hold the **SHIFT** button.
2. While holding SHIFT, press the dedicated MIDI Channel button (if available) or a specific key designated for MIDI channel selection.

- 3. Use the keyboard keys to input the desired MIDI channel number (1-16).
- 4. Press the **ENTER** or **SHIFT** button again to confirm the new MIDI channel.

8. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to wipe the surface of the controller. For stubborn dirt, a slightly damp cloth can be used, followed by a dry cloth. Avoid abrasive cleaners or solvents.
- **Storage:** When not in use, store the X4 mini in a clean, dry environment away from direct sunlight and extreme temperatures.
- **Transportation:** If transporting the unit, use a protective case to prevent damage to the keys and controls.

9. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound from software instrument.	<ul style="list-style-type: none">◦ X4 mini not selected as MIDI input.◦ Software instrument not armed for recording/playback.◦ Volume levels too low.	<ul style="list-style-type: none">◦ Check your DAW's preferences and select "Midiplus X4 mini" as the MIDI input.◦ Ensure the track with the software instrument is armed or enabled.◦ Increase volume levels in your DAW and on your audio interface/speakers.
Computer does not recognize the X4 mini.	<ul style="list-style-type: none">◦ Faulty USB cable or port.◦ USB hub issues.	<ul style="list-style-type: none">◦ Try a different USB port on your computer.◦ Try a different USB cable.◦ If using a USB hub, try connecting directly to the computer or use a powered USB hub.◦ Restart your computer.
Keys are not responding or velocity is inconsistent.	<ul style="list-style-type: none">◦ Incorrect velocity curve setting.◦ Dust or debris under keys.	<ul style="list-style-type: none">◦ Check if your DAW or software instrument has velocity curve settings that can be adjusted.◦ Gently clean around the keys with compressed air.

10. SPECIFICATIONS

- **Keys:** 49 velocity-sensitive mini keys
- **Controls:** Pitch bend touch strip, Modulation touch strip, Octave Up/Down buttons, Transpose function, 4 assignable rotary knobs (T1-T4), Function buttons.
- **Connections:** USB (Type B), MIDI OUT (5-pin DIN), Sustain Pedal Input (1/4-inch jack)
- **Power:** USB bus-powered
- **Compatibility:** Windows 7/10, macOS (Class-compliant, no drivers required)
- **Dimensions:** 27.68 x 2.01 x 5.39 inches (70.3 x 5.1 x 13.7 cm)
- **Weight:** 5.45 Pounds (2.47 kg)
- **Included Accessories:** USB cable

11. WARRANTY AND SUPPORT

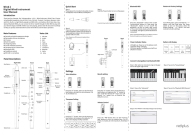



Midiplus products are designed for reliability and performance. For warranty information and technical support, please refer to the official Midiplus website or contact your local distributor. Keep your proof of purchase for warranty claims.


For further assistance, you may visit the Midiplus Store on Amazon:[Midiplus Store](#)

12. OFFICIAL PRODUCT VIDEOS

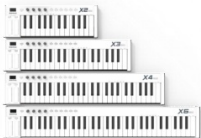

No official product videos from the seller were found for this product in the provided data.

Related Documents - X4 mini

	<p>MIDIPLUS Wind 2 Digital Wind Instrument User Manual</p> <p>User manual for the MIDIPLUS Wind 2 Digital Wind Instrument, detailing its features, operation, panel descriptions, and fingering charts for saxophone and DIZI.</p>
	<p>MIDIPLUS minicontrol Owner's Manual: Features, Operation, and MIDI Editor Guide</p> <p>Comprehensive owner's manual for the MIDIPLUS minicontrol, a 32-key USB MIDI controller. This guide covers panel overview, function descriptions, system requirements, and the MIDI Editor software for advanced control.</p>
	<p>Midiplus Folding Piano 49 Series User Manual</p> <p>User manual for the Midiplus Folding Piano 49 and 49 Air series, detailing its features, setup, operation, and specifications.</p>
	<p>MIDIPLUS X8H III User Manual: Setup, Features, and DAW Integration</p> <p>A comprehensive user manual for the MIDIPLUS X8H III 88-key MIDI keyboard controller, detailing its features, operation, setting modes, and integration with popular Digital Audio Workstations (DAWs) like Cubase, FL Studio, Logic Pro X, and more.</p>

<div><div><div>MIDIPLUS ORIGIN 37</div><div>Owner's Manual</div><div></div></div></div>	<div><div>MIDIPLUS ORIGIN 37 Owner's Manual</div><div>Comprehensive owner's manual for the MIDIPLUS ORIGIN 37 master MIDI controller keyboard, detailing its features, MIDI functions, connections, and troubleshooting.</div></div>
<div><div><div>FOLDING PIANO 49</div><div>系列折叠电子钢琴</div><div>用户手册</div><div>架置</div><div>midplus</div></div></div>	<div><div>MIDIPLUS Folding Piano 49 User Manual</div><div>Comprehensive user manual for the MIDIPLUS Folding Piano 49 and 49 Air, detailing setup, operation, features, specifications, and warranty information.</div></div>

Documents - Midiplus – X4 mini

<div><div><div><div><div>MIDIPLUS</div><div>X mini MIDI KEYBOARD</div><div>USER'S MANUAL</div><div>VERSION 1.0</div><div></div></div></div></div></div>	<div><div>[pdf] User Manual Specifications Catalog</div><div>Windows Скачать мануал Midiplus x4 mini купить в Москве UNITED MUSIC midiplus kontrollery i midi user manual united music ru pub manuals 33936 </div><div>X mini MIDI KEYBOARD USER S MANUAL VERSION 1.0 CATALOG 1.</div><div>Introduction..... ... standard switching sustain pedal 2 4. Features 1. X mini MIDI keyboards include X2 mini, X3 mini, X4 mini and X6 mini which have 25, 37, 49 and 61 weighted keys respectively. 2. X mini MIDI keyboard...</div><div>lang:en score:29 filesize: 9.42 M page_count: 24 document date: 2021-07-05</div></div>
<div><div><div><div><div>MIDIPLUS</div><div>X mini MIDI KEYBOARD</div><div>USER'S MANUAL</div><div>VERSION 1.0</div><div></div></div></div></div></div>	<div><div>[pdf] User Manual Specifications Catalog</div><div>Windows X mini series EN CN ins Series MIDI Keyboard Users ManualCN midiplus upload chinese 80 english</div><div>X mini MIDI KEYBOARD USER S MANUAL VERSION 1.0 CATALOG 1.</div><div>Introduction..... ... standard switching sustain pedal 2 4. Features 1. X mini MIDI keyboards include X2 mini, X3 mini, X4 mini and X6 mini which have 25, 37, 49 and 61 weighted keys respectively. 2. X mini MIDI keyboard...</div><div>lang:en score:10 filesize: 2.85 M page_count: 24 document date: 2016-08-24</div></div>

MIDIPLUS

X mini MIDI KEYBOARD

USER'S MANUAL

VERSION 1.0



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X mini MIDI KEYBOARD USER S MANUAL VERSION 1.0 CATALOG 1.

Introduction..... standard switching sustain pedal 2 4. Features 1. X

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