**Midiplus X8 Pro**

# Midiplus X8 Pro USB MIDI Keyboard Controller User Manual

Model: X8 Pro

## 1. INTRODUCTION

The Midiplus X8 Pro is an 88-key full-size semi-weighted velocity-sensitive MIDI keyboard controller designed for arrangers, creators, and live performers. It features a comprehensive set of controls including editable knob controllers, bottom controllers, transport controllers, and velocity-sensitive drum pads. The X8 Pro also includes built-in 128 high-quality GM standard tones, offering standalone functionality in addition to its robust MIDI control capabilities. With USB plug-and-play connectivity, no additional drivers or external power are required for basic operation.

This manual provides detailed instructions for setting up, operating, and maintaining your Midiplus X8 Pro to ensure optimal performance and longevity.

## 2. SAFETY INFORMATION

- **Power Source:** The X8 Pro is powered via USB. Ensure the USB power source provides adequate and stable power (5V, at least 500mA). Do not use unapproved power adapters.

- **Placement:** Place the unit on a stable, flat surface. Avoid placing it in direct sunlight, near heat sources, or in areas with high humidity or excessive dust.

- **Ventilation:** Do not block ventilation openings. Ensure proper airflow around the unit.

- **Liquid and Foreign Objects:** Do not expose the unit to liquids. Do not insert any foreign objects into the unit's openings. If liquid or foreign objects enter the unit, immediately disconnect the USB cable and contact qualified service personnel.

- **Cleaning:** Use a soft, dry cloth for cleaning. Do not use abrasive cleaners, waxes, or solvents.

- **Servicing:** Do not attempt to service the unit yourself. Refer all servicing to qualified service personnel.

- **Transportation:** When transporting the unit, ensure it is properly packed to prevent damage.

# 3. PACKAGE CONTENTS

Please check that all the following items are included in your package:

- Midiplus X8 Pro USB MIDI Keyboard Controller
- USB Cable
- User Manual (this document)

If any items are missing or damaged, please contact your retailer immediately.

# 4. PRODUCT OVERVIEW



**Figure 4.1:** Front view of the Midiplus X8 Pro USB MIDI Keyboard Controller. This image displays the full 88-key layout, the red control panel with knobs, buttons, and drum pads, and the pitch/modulation strips on the left.



**Figure 4.2:** Angled view of the Midiplus X8 Pro, showcasing its slim profile and the full length of the 88 semi-weighted keys. The red control panel is visible at the top.

## 4.1. Rear Panel Connections

**Figure 4.3:** Rear panel of the Midiplus X8 Pro, showing the various input and output ports. From left to right: Balanced Line Output (R, L), MIDI In, MIDI Out, Pedals (Sustain, Expression), and USB port.

- **Balanced Line Output (R, L):** Two 1/4-inch TRS jacks for connecting to external audio systems, mixers, or audio interfaces.
- **MIDI In:** Standard 5-pin DIN MIDI input for receiving MIDI data from other devices.
- **MIDI Out:** Standard 5-pin DIN MIDI output for sending MIDI data to other devices.
- **Pedals (Sustain, Expression):** Two 1/4-inch TS jacks for connecting a sustain pedal and an expression pedal.
- **USB:** USB Type B port for connecting to a computer for MIDI communication and power.

## 4.2. Control Panel Features



**Figure 4.4:** Close-up view of the 9 editable knob controllers (T1-T8, T0) and 8 editable bottom controllers (B1-B8) on the Midiplus X8 Pro's control panel. These controls are backlit for visibility.

- **Editable Knob Controllers (T0-T8):** 9 assignable rotary knobs with backlights for controlling various parameters in your software or internal sounds.
- **Editable Bottom Controllers (B1-B8):** 8 assignable buttons located below the knobs.
- **Transport Controllers (P1-P5):** 5 dedicated buttons for controlling DAW transport functions (e.g., Play, Stop, Record).

## 4.3. Drum Pads

**Figure 4.5:** Close-up view of the 8 velocity-sensitive drum pads on the Midiplus X8 Pro. These pads are illuminated and can be used for triggering samples, drums, or other MIDI events.

- **Velocity Drum Pads:** 8 responsive pads for triggering percussion sounds, samples, or other MIDI notes.

## 4.4. Pitch and Modulation Strips & Headphone Output



**Figure 4.6:** Close-up of the pitch bend and modulation touch strips located on the left side of the Midiplus X8 Pro. The stereo headphone output jack is also visible on the front edge.

**Figure 4.7:** An illustrative image showing a hand interacting with the illuminated pitch bend and modulation touch strips, demonstrating their tactile nature.

- **Pitch Bend Strip:** Touch-sensitive strip for real-time pitch manipulation.
- **Modulation Strip:** Touch-sensitive strip for adding modulation effects.
- **Headphone Output:** Stereo 1/4-inch jack on the front panel for private monitoring.

# 5. SETUP

## 5.1. Connecting to a Computer (USB)

1. Locate the included USB cable.
2. Connect the square (Type B) end of the USB cable to the USB port on the rear panel of the X8 Pro.
3. Connect the flat (Type A) end of the USB cable to an available USB port on your computer.
4. The X8 Pro is USB plug-and-play and does not require additional drivers for most operating systems (Windows 7/10, Mac OS X). Your computer should automatically recognize the device.
5. The unit will power on automatically once connected to a powered USB port. Note that the X8 Pro does not have a dedicated power on/off switch.

## 5.2. Connecting Pedals

- **Sustain Pedal:** Connect a standard sustain pedal (normally-closed or normally-open type) to the "SUSTAIN" 1/4-inch jack on the rear panel.
- **Expression Pedal:** Connect an expression pedal to the "EXPRESSION" 1/4-inch jack on the rear panel.

## 5.3. Connecting Audio Outputs

- **Balanced Line Output:** For connecting to studio monitors, mixers, or audio interfaces, use 1/4-inch TRS cables to connect the "R" and "L" balanced line outputs on the rear panel to your audio input devices.
- **Headphone Output:** Connect stereo headphones to the 1/4-inch stereo headphone jack located on the front edge of the keyboard for private monitoring.

## 5.4. MIDI Connections (Optional)

- **MIDI In:** To receive MIDI data from an external MIDI device, connect a standard 5-pin DIN MIDI cable from the MIDI Out of your external device to the "MIDI IN" port on the X8 Pro.
- **MIDI Out:** To send MIDI data from the X8 Pro to an external MIDI device, connect a standard 5-pin DIN MIDI cable from the "MIDI OUT" port on the X8 Pro to the MIDI In of your external device.

# 6. OPERATING INSTRUCTIONS

## 6.1. Basic Operation

- **Keys:** The X8 Pro features 88 full-size semi-weighted velocity-sensitive keys. The velocity sensitivity means the volume or intensity of the sound changes based on how hard you press the keys.
- **Built-in Tones:** The X8 Pro includes 128 high-quality General MIDI (GM) standard tones. These can be accessed and selected directly from the unit's interface, allowing for standalone use without a computer. Refer to the display and navigation buttons for tone selection.

## 6.2. Using Controllers

- **Knob Controllers (T0-T8):** These 9 knobs are editable and can be assigned to control various MIDI Continuous Controller (CC) messages. They are commonly used for parameters like volume, pan, filter cutoff, or effects send. The backlight indicates their active status.
- **Bottom Controllers (B1-B8):** These 8 buttons are also editable and can be assigned to send MIDI messages such as note on/off, program changes, or specific CC values.
- **Transport Controllers (P1-P5):** These 5 buttons are typically pre-assigned to control common DAW transport functions like Play, Stop, Record, Fast Forward, and Rewind. Their specific MIDI messages can usually be reconfigured if needed.
- **Drum Pads:** The 8 velocity-sensitive drum pads are ideal for triggering drum sounds, one-shot samples, or other percussive elements. The velocity sensitivity allows for expressive performance.
- **Pitch Bend Strip:** This touch strip allows for smooth real-time pitch bending of notes. Sliding your finger up or down will raise or lower the pitch.
- **Modulation Strip:** This touch strip is typically used to add modulation effects, such as vibrato or tremolo, to the sound. The specific effect controlled depends on the instrument or software being used.

## 6.3. Velocity Curves

The X8 Pro offers 8 groups of adjustable velocity curves. This feature allows you to customize how the keyboard responds to your playing dynamics. Experiment with different curves to find the one that best suits your playing style and the specific instrument sound you are using:

- **Light Dynamics (Curves 1 & 2):** Suitable for players who prefer a very responsive touch, where even light presses produce significant volume changes.

- **Normal Dynamics (Curves 3 & 4):** A balanced response, suitable for general playing.
- **Heavy Dynamics (Curves 5 & 6):** Requires a firmer touch to achieve louder volumes, ideal for players with a naturally strong attack.
- **Settled Dynamics (Curves 7 & 8):** Provides a more consistent output regardless of playing force, useful for specific sound design or organ-like playing.

Refer to the unit's display and manual for instructions on how to select and apply different velocity curves.

## 6.4. MIDI Functionality

The X8 Pro functions as a versatile MIDI controller. It sends standard MIDI messages (Note On/Off, Velocity, CC, Program Change, Pitch Bend, Modulation) via USB and its 5-pin MIDI Out port. This allows it to control:

- Virtual instruments and effects in Digital Audio Workstations (DAWs) like Bitwig Studio, Audacity, GarageBand, Logic Pro, Protools, etc.
- External hardware synthesizers, sound modules, and other MIDI-compatible devices.

Consult your DAW or external device's manual for specific instructions on how to configure MIDI inputs and map controllers.

## 7. MAINTENANCE

- **Cleaning:**

  - Always disconnect the USB cable before cleaning.
  - Use a soft, dry, lint-free cloth to wipe the surface of the unit.
  - For stubborn dirt, slightly dampen the cloth with water. Do not use excessive moisture.
  - Avoid using abrasive cleaners, solvents, alcohol, or waxes, as these can damage the finish.
  - Keep dust out of the keys and control surfaces using a soft brush or compressed air.

- **Storage:**

  - When not in use for extended periods, store the X8 Pro in a cool, dry place, away from direct sunlight and extreme temperatures.
  - Consider using a dust cover to protect the keys and controls.

- **Handling:**

  - Avoid dropping or subjecting the unit to strong impacts.
  - Do not place heavy objects on the keyboard.

## 8. TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|---------|----------------|----------|
|         |                |          |

| Problem | Possible Cause | Solution |
|---|---|---|
| No power/Unit does not turn on. | USB cable not connected or faulty. USB port not providing power. | Ensure USB cable is securely connected to both the X8 Pro and a powered USB port. Try a different USB port or cable. Use a powered USB hub if necessary. |
| No sound from built-in tones. | Volume knob (T0) is at minimum. Audio cables not connected or faulty. Headphone not connected or faulty. | Adjust the volume knob (T0) on the X8 Pro. Ensure audio cables are correctly connected to the Balanced Line Outputs and your audio system. Check headphone connection and volume. |
| No MIDI signal in DAW. | X8 Pro not selected as MIDI input device in DAW. Incorrect MIDI channel. USB connection issue. | Go to your DAW's preferences/settings and ensure "Midiplus X8 Pro" is enabled as a MIDI input device. Check that the MIDI channel on the X8 Pro matches the track's MIDI input channel in your DAW. Reconnect USB cable or try a different port. |
| Knobs/buttons not controlling software. | Controllers not mapped in software. Incorrect MIDI CC messages being sent. | Refer to your software's manual for MIDI mapping instructions. Ensure the X8 Pro's controllers are sending the correct MIDI CC messages that your software expects. You may need to re-assign controllers on the X8 Pro. |
| Keys feel "springy" or velocity is inconsistent. | Velocity curve setting is not optimal for playing style. | Adjust the velocity curve setting on the X8 Pro (refer to section 6.3) to better match your playing dynamics. |
| Unit freezes or behaves erratically. | Temporary software glitch. | Disconnect and reconnect the USB cable to power cycle the unit. If issues persist, perform a factory reset (refer to the full product manual for specific instructions, if available). |

# 9. SPECIFICATIONS

| Model | X8 Pro |
|---|---|
| Keys | 88 full-size semi-weighted velocity keys |
| Controllers | 9 editable knob controllers (with backlight), 8 editable bottom controllers, 5 editable transport controllers, 8 velocity drum pads |
| Built-in Tones | 128 high-quality GM standard tones |
| Velocity Curves | 8 adjustable groups |
| Connectivity | USB (Type B), MIDI In, MIDI Out, Damper Pedal Input, Expression Pedal Input, 2 Balanced Output (L/R), Stereo Headphone Output (front panel) |
| Power Supply | USB bus-powered (5V, 500mA minimum) |
| Dimensions (L x W x H) | Approximately 50 x 8.5 x 3 inches (127 x 21.6 x 7.6 cm) |
| Weight | Approximately 15 pounds (6.8 kg) |
| Compatible Operating Systems | Windows 7, Windows 10, Mac OS X (Plug and Play) |

# 10. WARRANTY AND SUPPORT

Midiplus products are manufactured to high quality standards. For information regarding warranty coverage, terms, and conditions, please refer to the warranty card included with your product or visit the official Midiplus website.

For technical support, troubleshooting assistance beyond what is covered in this manual, or service inquiries, please contact Midiplus customer support through their official website or the retailer from whom you purchased the product. Please have your product model (X8 Pro) and serial number ready when contacting support.

**Online Resources:**

- Midiplus Official Website: www.midiplus.com (Please note: URL is an example, verify actual official website if available)

## Related Documents - X8 Pro

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|---|---|
| | **[X8 Pro Robot Vacuum Cleaner Instruction Manual](#)**<br>Comprehensive instruction manual for the X8 Pro Robot Vacuum Cleaner, covering safety regulations, product composition, usage, maintenance, troubleshooting, and technical specifications. Learn how to set up, operate, and care for your X8 Pro for optimal performance. |
| X III<br>SERIES<br>USER MANUAL<br>midiplus | **[MIDIPLUS X III Series User Manual - MIDI Keyboard Controller](#)**<br>Comprehensive user manual for the MIDIPLUS X III Series MIDI keyboard controllers (X4 III, X6 III, X8 III), detailing features, setup, operation, and DAW integration. |
| X III<br>系列<br>用户手册<br>midiplus | **[MIDIPLUS X　MIDI　　　](#)**<br>MIDIPLUS X　MIDI　　　　X4 III X6 III　X8 III　　　　DAW　　　　　　　Cubase FL Studio Pro Tools |
| X MAX<br>User Manual<br>v2.0.0<br>midiplus | **[MIDIPLUS X Max Series MIDI Keyboard User Manual](#)**<br>Comprehensive user manual for the MIDIPLUS X Max Series MIDI keyboard, detailing its features, controls, connectivity, DAW integration, and specifications. Includes information on X4 Max, X6 Max, and X8 Max models. |
| **MIDIPLUS ORIGIN 37**<br>Owner's Manual | **[MIDIPLUS ORIGIN 37 Owner's Manual](#)**<br>Comprehensive owner's manual for the MIDIPLUS ORIGIN 37 master MIDI controller keyboard, detailing its features, MIDI functions, connections, and troubleshooting. |

Documents - Midiplus – X8 Pro

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