

Midiplus minicontrol

midiplus minicontrol USB MIDI Keyboard Controller

INSTRUCTION MANUAL

Model: minicontrol | Brand: Midiplus

Introduction

The midiplus minicontrol is a compact and versatile USB MIDI keyboard controller designed for music production and performance. It features 32 velocity-sensitive mini keys, along with a comprehensive set of controls including pitch and modulation wheels, rotary encoders, and drum pads, providing extensive creative possibilities for musicians and producers.

Product Overview



Figure 1: Top-down view of the minicontrol, highlighting the keyboard layout and control surface.



Figure 2: Angled view of the minicontrol, illustrating its compact design and ergonomic layout.

Key Features:

- **32 Velocity-Sensitive Mini Keys:** Provides a responsive playing experience in a compact form factor.
- **Pitch & Modulation Wheels:** For expressive control over your sounds.
- **MIDI Data Volume Slider:** Dedicated control for MIDI volume.
- **Four Edit Custom Unlimited Rotary Encoders:** Assignable knobs for controlling various parameters in your software.
- **Octave Up and Down Buttons:** Easily shift the keyboard's octave range.
- **Transpose Up and Down Buttons:** Adjust the pitch of the keyboard in semitone increments.
- **Arpeggiator Control:** Dedicated button for operating the built-in arpeggiator.
- **Six Scale Play Styles:** Explore different musical scales with ease.
- **Chord Patterns:** Play various chord types including great chords, small chords, seven chords, and small seven chords.
- **Three Velocity Curves:** Choose between Normal, Heavy, and Soft velocity responses to match your playing style.
- **Eight Velocity-Sensitive Drum Pads:** For finger drumming and triggering samples.
- **Drum PAD A|B Button:** Extends the drum pads to 16 assignable pads.
- **PAD BEAT Button:** Features a six-time metronome with NOTE, CC, and PC modes.
- **Sustain Jack:** For connecting an external sustain pedal.
- **USB Bus Powered:** No external power adapter needed, simplifying setup.

Setup

System Requirements:

- Operating System: Devices running Windows 10, Macintosh, or Windows 7.
- Hardware Platform: x86 or ARM.
- Connectivity: Available USB port.

Connecting the Device:

1. Locate the USB port on the back of your minicontrol.
2. Connect one end of the provided USB cable to the minicontrol's USB port.
3. Connect the other end of the USB cable to an available USB port on your computer.
4. The minicontrol is USB bus powered and does not require an external power adapter.

Driver Installation:

The midiplus minicontrol is a class-compliant MIDI device. This means that for most modern operating systems (Windows 7/10, macOS), no special driver installation is required. Your computer should automatically detect and install the necessary drivers upon connection. If you encounter any issues, ensure your operating system is up to date.

Software Setup:

Once connected, the minicontrol should appear as a MIDI input device in your Digital Audio Workstation (DAW) or music software (e.g., Ableton Live). Refer to your software's manual for instructions on how to select and configure MIDI input devices.

Operating Instructions

Keyboard and Basic Controls:

- **Keys:** The 32 mini keys are velocity-sensitive, meaning the volume or intensity of the sound changes based on how hard you press them.
- **Pitch Wheel:** Bend the pitch of notes up or down.
- **Modulation Wheel:** Typically used to add vibrato or other modulation effects.
- **Volume Slider:** Adjusts the overall MIDI volume output.
- **Octave Buttons (OCT+ / OCT-):** Press to shift the keyboard's octave range up or down.
- **Transpose Buttons (TRANS+ / TRANS-):** Press to shift the keyboard's pitch in semitone increments.

Rotary Encoders:

The four rotary encoders (labeled 1-4) are assignable and can be used to control various parameters within your music software. Consult your software's MIDI mapping features to assign these encoders to desired functions (e.g., filter cutoff, resonance, effect sends).

Drum Pads:

- The eight velocity-sensitive drum pads can be used to trigger drum sounds, samples, or other MIDI notes.
- **A/B Button:** Press this button to switch between two banks of drum pads, effectively giving you access to 16 different pads.
- **PAD BEAT Button:** Activates a metronome function with six time settings. It also allows switching between NOTE, CC (Control Change), and PC (Program Change) modes for the pads, enabling them to send different types of MIDI messages.

Advanced Functions:

- **Arpeggiator (ARP Button):** Activates the built-in arpeggiator. Further settings for arpeggio patterns and tempo synchronization are typically adjusted by holding the ARP button and pressing specific keys or using the rotary encoders.

- **Scale Play Styles (SCALE Button):** Allows you to select from six different scale types, ensuring that only notes within the chosen scale are played, simplifying melodic creation.
- **Chord Mode (CHORD Button):** Enables playing full chords by pressing a single key. The minicontrol supports various chord patterns including major, minor, seventh, and minor seventh chords.
- **Velocity Curves (SET Button + Keys):** The minicontrol offers three velocity curves: Norm (Normal), Heavy, and Soft. These can be selected by holding the SET button and pressing a corresponding key (refer to the device's labels for specific key assignments). This allows you to customize the keyboard's response to your playing dynamics.
- **Sustain Jack:** Connect a standard sustain pedal (not included) to this jack for sustain functionality, mimicking a piano's sustain pedal.

Maintenance

- **Cleaning:** Use a soft, dry cloth to wipe down the surface of the minicontrol. For stubborn dirt, a slightly damp cloth can be used, but ensure no liquid enters the device. Avoid abrasive cleaners or solvents.
- **Storage:** Store the device in a cool, dry place away from direct sunlight, extreme temperatures, and high humidity.
- **Handling:** Avoid dropping the device or subjecting it to strong impacts. Do not place heavy objects on top of it.

Troubleshooting

| Problem | Possible Cause | Solution |
|--------------------------------------|---|---|
| Device not recognized by computer. | Loose USB connection, faulty USB cable, or USB port issue. | Ensure the USB cable is securely connected to both the minicontrol and the computer. Try a different USB port or a different USB cable. Restart your computer. |
| No sound output from software. | MIDI input not selected in software, incorrect instrument loaded, or software audio settings. | Verify that the minicontrol is selected as a MIDI input device in your DAW. Ensure an instrument or sound is loaded and active on the track. Check your software's audio output settings. |
| Keys/Pads require too much pressure. | Velocity curve set to "Heavy" or software sensitivity settings. | Adjust the velocity curve on the minicontrol to "Norm" or "Soft" (refer to Operating Instructions). Check for velocity sensitivity settings within your music software. |

Specifications

- **Model Name:** minicontrol
- **Brand:** Midiplus
- **Number of Keys:** 32 (mini-size, velocity-sensitive)
- **Connectivity Technology:** USB
- **Hardware Interface:** USB
- **Compatible Devices:** Devices running Windows 10, Macintosh, or Windows 7
- **Supported Software:** Ableton Live (and other MIDI-compatible DAWs)
- **Item Weight:** 1.8 pounds (approx. 0.82 kg)
- **Product Dimensions:** 17.9 x 2.3 x 5 inches (approx. 45.5 x 5.8 x 12.7 cm)

- **Special Feature:** Velocity Sensitive Key

What's in the Box

- midiplus minicontrol USB MIDI Keyboard Controller
- User Manual
- USB Cable

Warranty and Support

For information regarding warranty coverage and technical support, please refer to the warranty card included with your product or visit the official Midiplus website. Keep your purchase receipt as proof of purchase for any warranty claims.

Midiplus Official Website: www.midiplus.com (Note: This is a placeholder URL as no specific support URL was provided in the input. Users should verify the correct official website.)

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Documents - Midiplus – minicontrol



[MIDIPLUS minicontrol Owner's Manual: Features, Operation, and MIDI Editor Guide](#)

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.

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