

SUBZERO ControlKey49S

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49 KEY SLIM MIDI CONTROLLER KEYBOARD USER MANUAL

1. Introduction

The SubZero ControlKey49S is a compact and versatile 49-key MIDI controller keyboard designed for musicians and producers. It offers touch-sensitive keys, assignable control knobs, and seamless USB and MIDI connectivity, making it an ideal tool for studio and live performance setups. This manual provides essential information for setting up, operating, and maintaining your ControlKey49S.



Image: Top view of the SubZero ControlKey49S MIDI Controller Keyboard, showcasing its 49 keys and control layout.

2. What's in the Box

- SubZero ControlKey49S MIDI Controller Keyboard
- USB Cable

3. Key Features

- 49 touch-sensitive keys for expressive playing.
- Slim and portable design for easy transport and setup.
- PC and Mac compatible for broad software integration.
- MIDI and USB connectivity for flexible connection options.
- 4 assignable control knobs with 2 banks for real-time parameter control.

4. Setup Guide

Follow these steps to set up your SubZero ControlKey49S:

1. **Power and Connectivity:** Connect the ControlKey49S to your computer (PC or Mac) using the supplied USB

cable. The device is USB bus-powered, so no external power supply is needed.

2. **Driver Installation:** The ControlKey49S is class-compliant and typically does not require specific drivers for most operating systems (Windows, macOS). It should be recognized automatically.
3. **DAW/Software Setup:** Open your Digital Audio Workstation (DAW) or music software (e.g., Ableton Live). Navigate to the MIDI settings or preferences within your software and ensure the ControlKey49S is selected as a MIDI input device.
4. **Optional MIDI Out:** If you are connecting to external MIDI hardware, use a standard MIDI cable to connect the MIDI OUT port of the ControlKey49S to the MIDI IN port of your external device.



Image: Rear view of the ControlKey49S, highlighting the USB and MIDI output ports for connection to computers and external MIDI devices.

5. Operating Instructions

The ControlKey49S offers intuitive controls for various musical applications.

5.1. Keyboard Operation

The 49 touch-sensitive keys respond to your playing dynamics, allowing for expressive performances. The velocity sensitivity can be adjusted within your software for optimal response.



Image: A close-up view of the black and white keys of the ControlKey49S, demonstrating their layout and touch-sensitive design.

5.2. Control Knobs and Buttons

The ControlKey49S features 4 assignable control knobs and dedicated function buttons to enhance your workflow.

- **Assignable Knobs:** Use these knobs to control parameters in your software, such as volume, pan, filter cutoff, or effects. They can be assigned to different MIDI CC messages.
- **Octave/Transpose Buttons:** Adjust the octave range of the keyboard using the dedicated Octave Up/Down buttons. The Transpose function allows for shifting the pitch in semitone increments.
- **M.P.V. Mode Slider:** This slider typically controls modulation or pitch bend, depending on the selected mode.
- **Function Buttons:** A row of function buttons above the keys allows for advanced control, including MIDI channel selection, program changes, and other utility functions. Refer to the detailed MIDI implementation chart for specific assignments.



Image: Detailed view of the control panel on the left side of the ControlKey49S, showing the assignable knobs, octave/transpose buttons, and the M.P.V. mode slider.



Image: An angled perspective of the ControlKey49S, providing a comprehensive view of its slim profile and key layout.

5.3. Product Demonstration Video

Watch this official product video for a demonstration of the SubZero ControlKey49S in action, showcasing its features and sound capabilities.

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Video: Official demonstration of the SubZero ControlKey49S 49 Key Slim MIDI Controller Keyboard, highlighting its functionality and performance.



Image: The ControlKey49S integrated into a typical studio environment, connected to a computer with a monitor and studio speakers, demonstrating its use in a creative setup.

6. Maintenance

To ensure the longevity and optimal performance of your ControlKey49S, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe down the surface of the keyboard. For stubborn dirt, a slightly damp cloth can be used, but ensure no moisture enters the device. Avoid abrasive cleaners or solvents.
- **Storage:** Store the keyboard 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

the keyboard.

7. Troubleshooting

If you encounter issues with your ControlKey49S, try the following solutions:

- **No Power/Not Recognized:**
 - Ensure the USB cable is securely connected to both the keyboard and your computer.
 - Try a different USB port on your computer.
 - Test with a different USB cable.
 - Restart your computer.
- **No Sound/MIDI Output:**
 - Verify that the ControlKey49S is selected as a MIDI input device in your DAW or software's preferences.
 - Check that the correct MIDI track is armed for recording or receiving MIDI input in your software.
 - Ensure that the virtual instrument or sound module in your software is loaded and active.
 - If using external MIDI hardware, confirm the MIDI cable connection and the hardware's settings.
- **Keys Not Responding Correctly:**
 - Check if the Octave/Transpose settings are causing unexpected pitch.
 - Ensure no "Mute" or "All Note Off" functions are accidentally activated on the keyboard or in your software.

8. Specifications

Feature	Detail
Model Name	ControlKey49S
Number of Keys	49
Key Type	Touch-sensitive
Connectivity Technology	USB, MIDI
Hardware Interface	USB
Compatible Devices	Laptop (PC/Mac)
Supported Software	Ableton Live (and other DAWs)
Item Weight	7.1 kg
Special Features	Compact, slim design, touch-sensitive buttons, assignable keys and faders (knobs)

9. Warranty and Support

For warranty information and technical support, please refer to the official SubZero website or contact your retailer. Keep your proof of purchase for any warranty claims.

