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› [Arturia](#) /

› [Arturia KeyLab 49 MkII MIDI Keyboard Controller User Manual](#)

### Arturia KeyLab 49 MkII (NA-970)

# Arturia KeyLab 49 MkII MIDI Keyboard Controller User Manual

Model: NA-970 | Brand: Arturia

## 1. INTRODUCTION

The Arturia KeyLab 49 MkII is a versatile 49-key semi-weighted USB MIDI keyboard controller designed for music production and performance. It offers a premium feel with its responsive keybed, robust aluminum chassis, and wood panels. This controller provides deep integration with Arturia's Analog Lab software, comprehensive DAW control, and extensive connectivity options, including MIDI and CV I/O, to adapt to various studio setups.

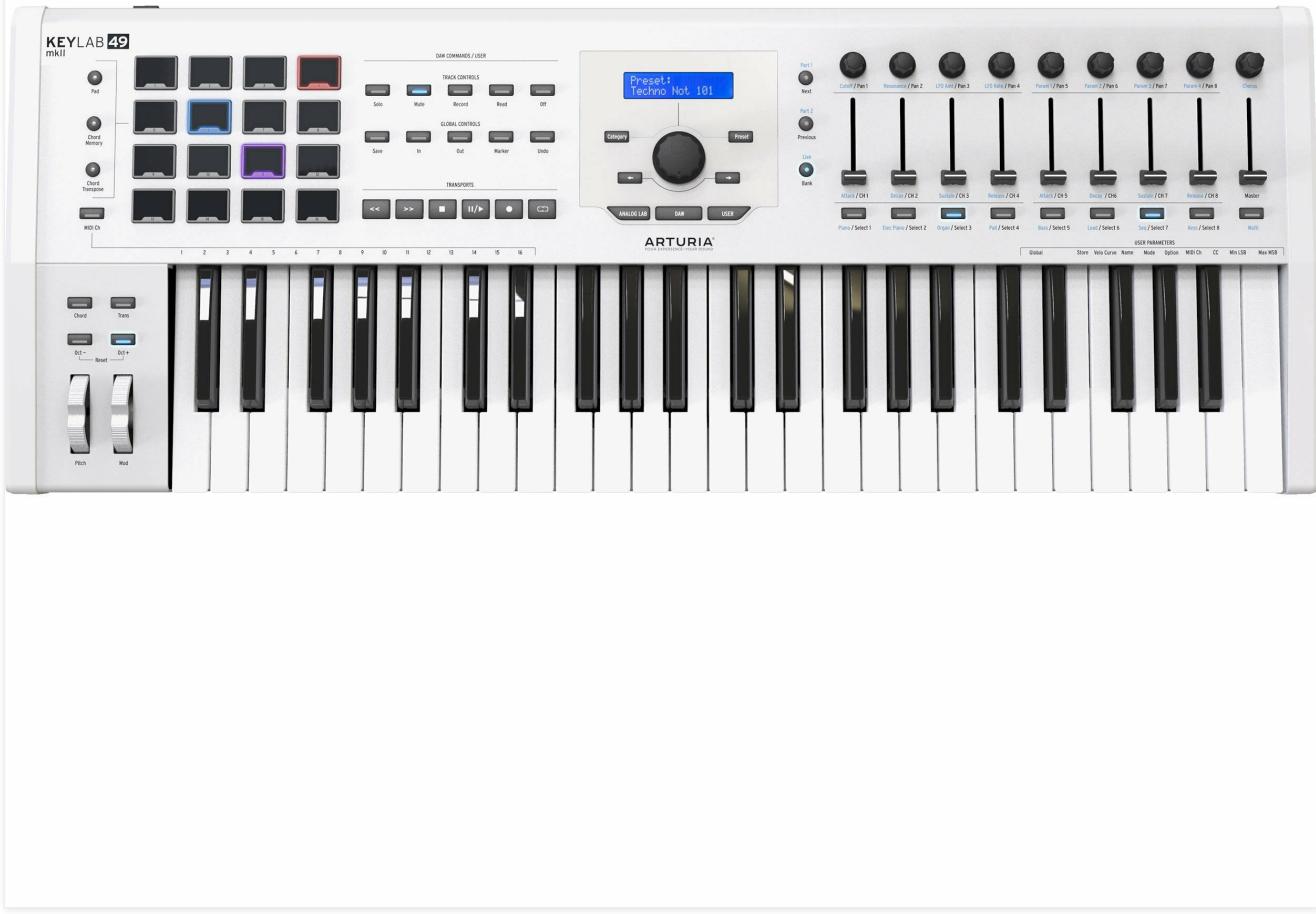


Figure 1.1: The Arturia KeyLab 49 MkII MIDI Keyboard Controller, showcasing its design and layout.

## 2. SETUP

### 2.1 Unpacking and Initial Inspection

Carefully remove the KeyLab 49 MkII from its packaging. Inspect the unit for any signs of damage. Ensure all included accessories, such as the USB cable and any documentation, are present.

### 2.2 Connecting to Your Computer

1. Connect the KeyLab 49 MkII to your computer using the supplied USB cable. The device is USB class-compliant and typically does not require special drivers for basic MIDI functionality.
2. For optimal performance and access to advanced features, download and install the Arturia MIDI Control Center software from the official Arturia website. This software allows for firmware updates and custom configuration.
3. If using an external power supply (not included, 9-12V DC 1.0A), connect it to the DC IN port. This is recommended for standalone operation or when USB power is insufficient.

### 2.3 Software Installation

The KeyLab 49 MkII includes access to Arturia's Analog Lab software, Arturia Piano V, and Ableton Live Lite. Follow the instructions provided with your product to register your device and download these software titles. Installation typically involves downloading the installers and following on-screen prompts.

### 3. OPERATING INSTRUCTIONS

#### 3.1 Keybed and Expressive Controls

The 49 semi-weighted keys are velocity and aftertouch sensitive, providing expressive control over your sounds. The pitch bend and modulation wheels are machined aluminum for precise manipulation.

#### 3.2 Performance Pads

The 16 RGB performance pads are velocity and pressure sensitive. They can be used for triggering samples, playing drums, or launching clips. Custom chords can be stored within these pads for intuitive live triggering.

#### 3.3 Encoders, Faders, and Buttons

The KeyLab 49 MkII features 9 faders, 9 rotary encoders, and numerous buttons. These controls are assignable and provide hands-on control over your software instruments and DAW parameters. The unit includes dedicated modes for Analog Lab, DAW control, and User-defined MIDI assignments.



Figure 3.1: Detail of the control section, including encoders, faders, and mode buttons.

#### 3.4 Software Integration

- **Analog Lab Mode:** Seamlessly browse and control over 6000 synth and keyboard presets from Arturia's V Collection. The hardware controls automatically map to key parameters within Analog Lab.
- **DAW Mode:** Dedicated transport controls (play, stop, record, loop, etc.) and fader/encoder mappings for popular Digital Audio Workstations (DAWs) like Ableton Live. This allows for hands-on mixing and track control.
- **User Mode:** Customize MIDI assignments for all controls to suit your specific workflow or control any MIDI-compatible software or hardware.

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Video 3.1: An official video demonstrating the features and integration of the Arturia KeyLab MkII.

## 4. CONNECTIVITY

The KeyLab 49 MkII offers extensive connectivity for integration into various studio and live setups:

- **USB:** Connects to your computer for MIDI communication and power.
- **MIDI In/Out:** Standard 5-pin DIN MIDI connectors for connecting to external MIDI hardware.
- **CV In/Out:** Four CV outputs (Pitch Out, Gate Out, Mod 1, Mod 2) and one CV input for integration with modular synthesizers and other analog gear.
- **Pedal Inputs:** Five expression pedal inputs (Aux 1, Aux 2, Aux 3, Expression, Sustain) for expanded control possibilities.
- **DC In:** For optional external power supply (9-12V DC 1.0A).



Figure 4.1: Rear panel showing MIDI, CV, and pedal connections.

## 5. MAINTENANCE

To ensure the longevity and optimal performance of your KeyLab 49 MkII, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the surface of the controller. For stubborn dirt, a slightly damp cloth can be used, followed by immediate drying. Avoid abrasive cleaners or solvents.
- **Storage:** Store the unit in a dry, dust-free environment. Avoid extreme temperatures and direct sunlight.
- **Handling:** Handle the controller with care. Avoid dropping it or placing heavy objects on top of it.
- **Firmware Updates:** Regularly check the Arturia website for firmware updates. These updates can improve performance, add new features, and fix bugs. Use the Arturia MIDI Control Center software to perform updates.

## 6. TROUBLESHOOTING

If you encounter issues with your KeyLab 49 MkII, consider the following common troubleshooting steps:

- **No Power/No Response:** Ensure the USB cable is securely connected to both the controller and your computer. If using an external power supply, verify it is correctly plugged in and providing the correct voltage. Try a different USB port or cable.
- **Not Recognized by Computer/DAW:** Check your computer's device manager (Windows) or Audio MIDI Setup (macOS) to see if the KeyLab MkII is listed. Ensure your DAW's MIDI settings are configured to recognize and enable the controller. Reinstall the Arturia MIDI Control Center software.

- **Keys/Pads Not Responding:** Verify that the correct MIDI channel is selected on the controller and in your software. Check for any stuck keys or debris. Perform a factory reset if necessary (refer to the Arturia MIDI Control Center software for instructions).
- **Software Integration Issues:** Ensure Analog Lab or your DAW is updated to the latest version. Check the Arturia website for specific integration guides for your software.

For further assistance, consult the comprehensive support resources on the Arturia website or contact Arturia customer support.

## 7. SPECIFICATIONS

Feature	Detail
Item Weight	16.65 pounds
Product Dimensions	31.22 x 11.69 x 2.09 inches
Item Model Number	NA-970
Number of Keyboard Keys	49
Key Type	Semi-Weighted, Velocity and Aftertouch Sensitive
Material Type	Aluminum
Connectivity Technology	USB
Hardware Interface	USB, MIDI In/Out, CV In/Out
Compatible Devices	Mac, Windows, and other platforms supporting product's connectivity
Supported Software	Analog Lab, Ableton Live Lite, Arturia Piano V

## 8. WHAT'S IN THE BOX

The Arturia KeyLab 49 MkII package includes:

- Arturia KeyLab 49 MkII MIDI Keyboard Controller
- USB Cable
- 10 overlays for quick application changes (for DAW control)
- Registration cards for included software (Analog Lab, Arturia Piano V, Ableton Live Lite)

## 9. WARRANTY AND SUPPORT

The Arturia KeyLab 49 MkII comes with a 2-year warranty, ensuring peace of mind regarding product quality and reliability. For detailed warranty terms, product registration, software downloads, and technical support, please visit the official Arturia website. You can also find FAQs, tutorials, and community forums to assist with any questions or issues.