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M-AUDIO 101588

M-Audio Keystation 61ES USB MIDI Keyboard Controller User Manual

Model: 101588

INTRODUCTION

The M-Audio Keystation 61ES is a 61-key USB MIDI keyboard controller designed for music creation and education applications. It features semi-weighted, velocity-sensitive keys, providing a responsive playing experience. This controller offers essential controls such as pitch bend and modulation wheels, an assignable slider, and programmable buttons for comprehensive MIDI control. The Keystation 61ES is class-compliant, ensuring plug-and-play operation with compatible operating systems.

SETUP

1. Connecting to a Computer

The Keystation 61ES is powered via USB. Connect the included USB cable from the controller's USB port to an available USB port on your computer. The device is class-compliant, meaning no additional drivers are typically required for Windows XP and Mac OS X, allowing for immediate plug-and-play functionality.



Image: Rear view of the M-Audio Keystation 61ES, highlighting the USB, MIDI Out, DC power input, and sustain pedal ports for connection.

2. Connecting a Sustain Pedal

An optional sustain pedal (not included) can be connected to the dedicated sustain pedal socket on the rear of the Keystation 61ES. This allows for piano-style sustain functionality during performance.

3. External Power (Optional)

For stand-alone use without a computer, the Keystation 61ES can be powered by an optional DC power adapter (not included). Connect the adapter to the DC power input on the rear panel.

4. MIDI Out Connection

The controller includes a MIDI Out socket, allowing you to connect it to external MIDI hardware devices, expanding its integration capabilities within your studio setup.

OPERATING THE KEYSTATION 61ES

1. Basic Playback

The 61 full-size, velocity-sensitive, semi-weighted keys provide a natural feel for playing virtual instruments and controlling MIDI software. The velocity sensitivity allows for expressive dynamics in your performance.



Image: Top view of the M-Audio Keystation 61ES, displaying the 61 keys, pitch bend and modulation wheels, and assignable buttons and slider.

2. Pitch Bend and Modulation Wheels

Use the pitch bend wheel to momentarily raise or lower the pitch of notes for expressive effects. The modulation wheel is assignable and can be used to control various parameters within your software, such as vibrato, filter cutoff, or volume.

3. Assignable Slider and Buttons

The Keystation 61ES features an assignable slider and assignable data up/down buttons. These controls can be mapped to various functions in your MIDI software, providing hands-on control over parameters like volume, pan, or effect sends.

4. Programming Options

The Keystation 61ES allows for direct programming of MIDI control information using the keyboard keys. This method provides access to various functions without complex menus.

- **Octave Shift:** Adjust the keyboard's octave range up or down.
- **Transpose:** Shift the pitch of the entire keyboard by semitones.
- **Program Change:** Send MIDI program change messages to select different sounds or patches.
- **Bank LSB/MSB:** Select MIDI bank messages for accessing a wider range of sounds.
- **MIDI Channel:** Change the MIDI channel on which the controller transmits data.
- **MIDI Out from USB:** Configure MIDI data routing.
- **Reset All Controllers:** Send a message to reset all continuous controllers to their default values.

- **Wheel Assign:** Assign the modulation wheel to a specific MIDI control change message.
- **Slider Assign:** Assign the slider to a specific MIDI control change message.

Programming Procedure:

1. Press the **MIDI/Select** button.
2. Press the keyboard note whose label corresponds to the parameter you wish to change (e.g., 'Octave Shift').
3. Use the **Data Entry slider** to select the desired value, or enter numeric values by pressing the keys labeled with numbers on the keyboard.

MAINTENANCE

To ensure the longevity and optimal performance of your Keystation 61ES, 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, but ensure no moisture enters the device. Avoid abrasive cleaners or solvents.
- **Storage:** Store the controller in a dry environment, away from extreme temperatures, direct sunlight, and excessive dust.
- **Handling:** Avoid dropping or subjecting the controller to strong impacts. Do not place heavy objects on the keys or controls.

TROUBLESHOOTING

If you encounter issues with your Keystation 61ES, refer to the following common troubleshooting steps:

- **No Power/No Indicator Lights:** Ensure the USB cable is securely connected to both the controller and your computer. If using an external power adapter, verify it is correctly plugged in and functional.
- **No Sound from Software:** Confirm that the Keystation 61ES is selected as the MIDI input device in your music software (e.g., Ableton Live, Avid Pro Tools, FL Studio). Check that the software's virtual instrument is loaded and active.
- **Keys Not Responding:** Verify that the correct MIDI channel is selected on both the controller and your software. Ensure no programming errors have inadvertently disabled key functionality.
- **Controls Not Working:** If the pitch bend, modulation wheel, or slider are not affecting parameters, check their assignments within your software. Ensure they are mapped to the desired functions.
- **Intermittent Connection:** Try connecting the USB cable to a different USB port on your computer. Avoid using unpowered USB hubs if possible.

SPECIFICATIONS

Brand	M-AUDIO
Model Number	101588
Number of Keys	61
Keyboard Type	Full-size, Velocity-sensitive, Semi-weighted
Connectivity Technology	USB
Connector Type	USB
Hardware Interface	USB
Compatible Devices	Computer, MIDI device
Supported Software	Ableton Live, Avid Pro Tools, FL Studio
Platform	Windows, Mac
Control Type	Keyboard Controller (Pitch Bend, Modulation Wheel, Assignable Slider, Assignable Buttons)
Material Type	Metal
Item Weight	14.1 Pounds (approximately 6.4 kg)
Model Year	2008

WARRANTY AND SUPPORT

For information regarding warranty coverage, technical support, or service for your M-Audio Keystation 61ES, please refer to the official M-Audio website or contact M-Audio customer support directly. Keep your proof of purchase for warranty claims.