

## English

Thank you for choosing KeyControl 49 - a cost effective MIDI keyboard for your home studio.

### **Connection / Power Supply / Controls**

KeyControl 49 gets connected via the included USB cable to your computer. This connection powers the keyboard and is used to transfer the MIDI data to your computer. In addition, the MIDI data is sent out via the MIDI output port that you can connect to other devices such as a sound module. Just connect KeyControl 49, launch and configure your favorite audio software and start playing!

KeyControl 49 can also be used standalone when connected to an optional 9V DC power supply (not included). In this case the MIDI data will only be sent out via the MIDI output port.

KeyControl 49 provides three buttons on the left side (Edit, Down, Up), two wheels (Pitch Bend, Modulation) and 49 full size velocity-sensitive keys that can be used as additional control keys when in edit mode.

### **Octave Change**

The keyboard range can be moved two octaves lower or higher using the Down and Up buttons when the Edit LED is off. The Down LED blinks when the octave range is moved down twice, it is on when the range is moved down once. The Up LED blinks when the octave range is moved up twice, it is on when the range is moved up once. Press the Down and Up buttons simultaneously to reset to the default octave range (then both LEDs are on).

### **Quick Program Change**

Press the Edit button. The LED will light up. Now you can step through the program numbers with the Down and Up buttons.

### **Panic / Reset**

Press Edit, Down and Up simultaneously to send MIDI note-off messages to every note on every channel to restore order to the system.

### **MIDI Channel**

1. Press and hold the Edit button for 1.5 seconds to enter the edit mode. The LED will blink.
2. Press the Ch. key. The Edit and Down LED will blink.
3. Enter the MIDI channel value with the numeric keys (0-9) and confirm it with Enter.

### **Wheel Assignment**

1. Press and hold the Edit button for 1.5 seconds to enter the edit mode. The LED will blink.
2. Press the Wheel Assign key. The Edit and Down LED will blink.
3. Enter the MIDI controller number with the numeric keys (e.g. 7 for MIDI volume) and confirm it with Enter.

### **Bank Select**

1. Press and hold the Edit button for 1.5 seconds to enter the edit mode. The LED will blink.
2. Press the LSB key for a LSB Bank Select (#32) or the MSB key for a MSB Bank Select (#0). The Edit and Down LED will blink.
3. Enter the desired bank number with the numeric keys and confirm it with Enter.

### **Numeric Program Change**

1. Press and hold the Edit button for 1.5 seconds to enter the edit mode. The LED will blink.
2. Press the PROG key. The Edit and Down LED will blink.
3. Enter the program number with the numeric keys and confirm it with Enter.

### **Velocity Curve**

1. Press and hold the Edit button for 1.5 seconds to enter the edit mode. The LED will blink.
2. Press the Velocity Curve key. The Edit and Down LED will blink.
3. Enter 0 or 1 with the numeric keys to select one of the two available velocity curves and confirm it with Enter.

### **Transpose**

1. Press and hold the Edit button for 1.5 seconds to enter the edit mode. The LED will blink.
2. Press Transpose- or Transpose+ to transpose the keyboard by one half step down or up. You can reset to the default with Transpose 0.

### **Reset**

1. Press and hold the Edit button for 1.5 seconds to enter the edit mode. The LED will blink.
2. Press the Reset key and then press Enter. KeyControl 49 will restore all values to factory defaults.

### **More Information**

KeyControl 49 can be used standalone (with optional power supply), connected via USB to a PC running Windows XP or a Macintosh running Mac OS X. If you want to use KeyControl 49 with Windows 2000 or Windows ME you need to download a special driver from the ESI website ([www.esi-pro.com](http://www.esi-pro.com)) where you can also find more information about KeyControl 49, our other products and about technical support.