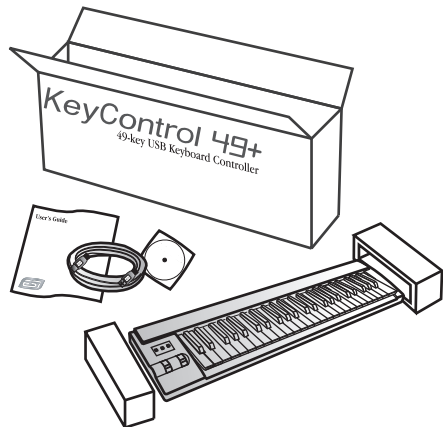


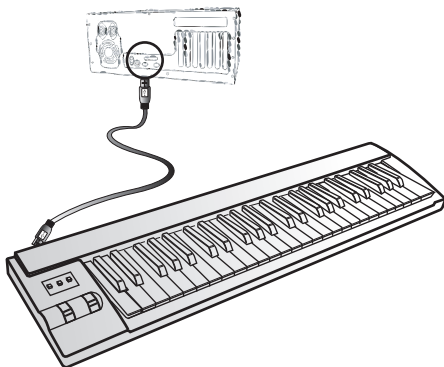
# User's Guide

## Package



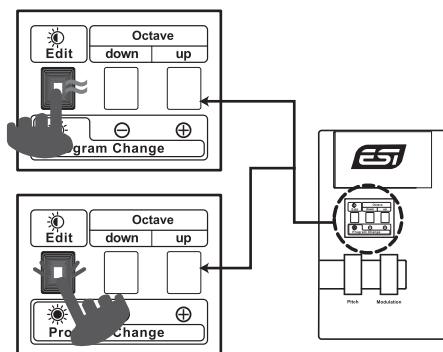
The box contains the KeyControl 49+ keyboard, this quick start guide and a USB cable. In some markets it also includes a DVD with software, that can be used optionally with your keyboard.

## Connection



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. KeyControl 49+ works with computers using Windows Vista, Windows XP or Mac OS X.

## Controls



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. The buttons provide control possibility that is described more detailed on this page. Most functions are accessed via the edit mode (press & hold the *Edit* button for 1.5 seconds).

## 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 followed by *Enter*. KeyControl 49+ will restore all values to factory defaults.

## General Information

For technical support inquiries, contact your nearest dealer, local distributor or ESI support online at [www.esi-audio.com](http://www.esi-audio.com).

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All features and specifications subject to change without notice. Parts of this manual are continually being updated. Please check our web site occasionally for the most recent update information.

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## Declaration of Conformity

The product described in this manual is manufactured in China by ESI Audiotechnik GmbH, Brennerstraße 48, D-71229 Leonberg, Germany. The product is labelled with the CE mark and conform to the protection requirements of the European Electromagnetic Compatibility Standards and Directives. The product is designed and constructed such that electromagnetic disturbances generated do not exceed levels allowing radio and telecommunications equipment and other equipment to operate as intended, and, the product has an adequate level of intrinsic immunity to electromagnetic disturbance to enable operation as specified and intended.

The product is marketed as ESI KeyControl 49+ controller keyboard.

With reference to regulations in the directives 73/23/EEC, 89/336/EEC, the equipment listed above is covered by this certificate and labelled with the CE mark conforms to the following standards:

EN55103-1 & EN55103-2 Product family standard for audio, video, audio-visual and entertainment lighting control apparatus for professional use.

This declaration is made by Claus Riethmüller (Managing Director).

Leonberg  
City

02.09.2007  
Date

Signature

KeyControl 49+ 49-key USB Keyboard Controller

