

# SoftStep Easy Editor Reference Manual

Version 1.2  
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## System Requirements

We recommend the following for using the SoftStep Easy Editor:

### MAC:

- An Intel Core 2 Duo 2.3GHz or greater  
Mac OS 10.5 or later
- has 90 MB free hard disk space

### WINDOWS:

- Windows XP, or Windows 7
- 1GB of RAM with 50 MB free hard disk space

## Overview

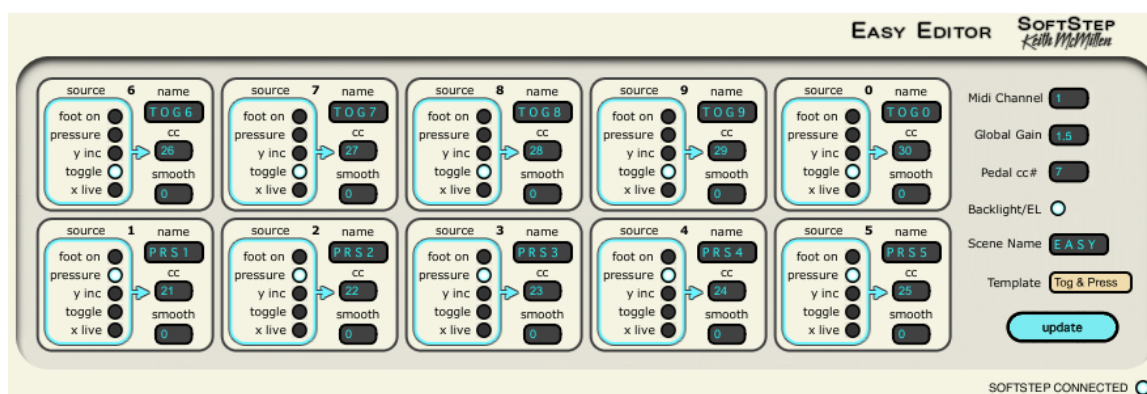
The SoftStep Easy Editor comes in the download for the SoftStep Music Applications version 1.2 which is available on our website:

<http://www.keithmcmillen.com/softstep/downloads/>

When you first open up the SoftStep Easy Editor you may be prompted to update the firmware for your SoftStep. Click the "update" button and wait for the update to complete. It may take a moment, but you will only have to do this once.



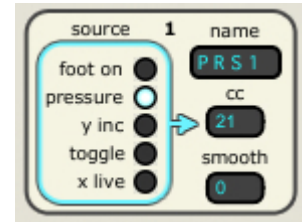
The main window of the Easy Editor looks like this:



You will see the controls for the 10 key pads and a few global settings to the right of those. You will also see a big blue **update** button that if pressed will send your settings down to the SoftStep after you've edited them.

In the little square boxes for each key you will see a set of controls for assigning what each key of the SoftStep does.

Decide how you want the SoftStep to react to your foot presses by selecting a **source**. Then you can select which **CC** number you want the MIDI data to be sent on. You can also give your key a **name** for the 4 letter SoftStep display and if you want to use the **smooth** feature you can set how many milliseconds of smoothing you want.



## Sources

**Foot On** - Sends a 127 out when you step on the key. Goes back to 0 when you release your foot.

**Toggle** - Sends a 127 (on) when you step on the key and then goes back to 0 (off) when you step on it again. The LED on the SoftStep indicates whether the toggle is on or off.

**Pressure** - This value corresponds to the overall pressure sensed by the key (a higher value indicates more pressure applied). The value goes back to 0 when the key is released.

**Y Increment** - This value corresponds to the vertical plane in an inc/dec style. Step a few times on the top of the key and see the value increment by different amounts depending on pressure, also step a few times toward the bottom and see the value decrement. You can also hold pressure toward the top or bottom and it will inc or dec smoothly up or down through values.

**X Live** - This value corresponds to the overall pressure in the vertical plane of the key. Applying more pressure to the right side of the key increases the value, while pressure to the left decreases. The raw value resets back to 63 (centroid value between 0 and 127) when the key is released.

## Global Controls

**MIDI Channel** - select the MIDI channel for all of the keys

**Global Gain** - amplifies incoming data for each key. This scales all of the sensor data from the SoftStep keys and can make the SoftStep more or less responsive to pressure.

**Pedal CC#** - if you have an expression pedal plugged in you can select a CC number for it to output on.

**Backlight/EL** - this switch turns on and off the blue Backlighting of the SoftStep.

**Scene Name** - give your scene a 4 letter name that will display on your SoftStep before you press anything

**Template** - we've made a few templates which you can start with if you'd like.

