MIDIbox KB

Hardwareinfos: http://www.ucapps.de/midibox_kb.html

Key calibration (written by user FantomXR)

As I work a lot with keybeds from Fatar and I was looking for an electronic that work with it I found MIDIbox to be the best solution for me. I had a bunch of different keybeds in my hands and I noticed, that some keys are more sensitive than others. So I asked TK to implement a calibration-mode to overcome this issue. With the calibration-mode it is possible to adjust the slowest-delay of every single note on the keyboard. Here is how it works:

Enter **set kb 1 calibration on** in the MIOS Terminal. Now you either have to press every key with the exact same velocity which is nearly impossible or (and that's the way I do it) use a long piece of wood and press down all white keys and after that all black keys in the same time.

When you are finished, "set kb 1 calibration off" and play the keybed with your favorite sound. If it works like you expected, enter "save ***" where** * is the name of the .NGC-file. You will notice that there will be a new file on the sd-card called .NGK. This file contains the slowest-delays for every single key. So if you notice at a later point that a single key is more or less sensitive than others, you can adjust that by editing the value of the key. The keys are numbered where 0 is the lowest note on an 88-key keyboard.

With the calibration-mode another change was made. You still have the "slowest_delay"-parameter in MBKB and MBNG. This value now changes the sensitivity per mille. A value of 1000 uses the delays in the NGK-file = no change. The higher the number for the slowest_delay-parameter is, the more sensitive the keyboard gets.

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