MidiWoush

V8

8 channel MIDI-CV-Interface with USB-MIDI-Interface and OLED-Display

MidiWoush V8 is an interface to control one ore more synthesizers with up to eight independent voltages. Each voltage can be set to an individual controller and midi-channel. The minimum and maximum-voltages can be set by an percent-value. The output can be inverted (maximum and minimum-value swapped).

For information and settings the device is equipped with an 1,3“-OLED-display. At startup the hardware is initialised, this is logged on the OLED-display.

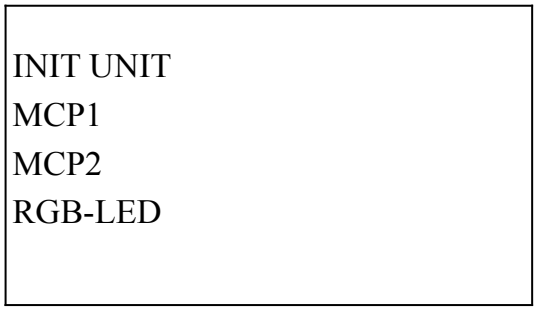

Image 1 : Startup-Log

After the startup is finished, the display shows the standard-screen, showing the two long pressable buttons and what functions they start.

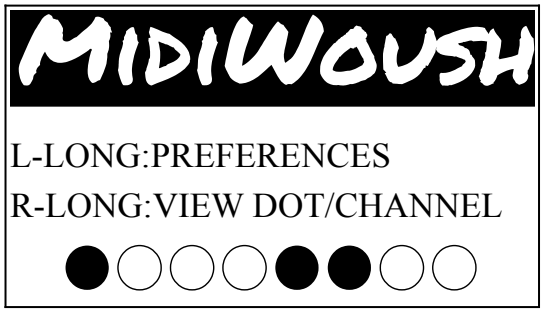

Image 2 : Main-Screen

The eight bullets show the active ports of MidiWoush V8 as filled bullets. On these ports the output-voltage changes.

By pressing the Right-Button for minimum half a second you switch the display to channel-view.

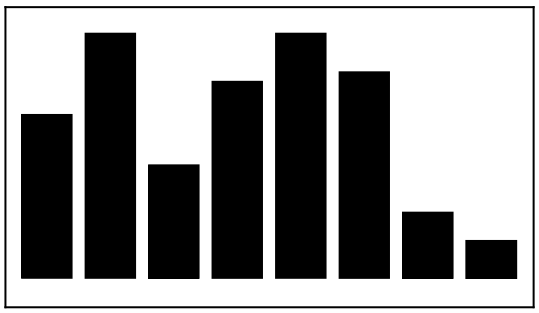

Image 3 : Channel-View

Each channel is shown as a bar, showing the voltage, minimum is 0V at bottom, maximum 5V on top.

Editing the settings

By pressing the left button for a minimum of half a second the system gets to Edit-mode. In this mode, no midi-commands are taken, no voltages are changed. After leaving the edit-mode the system is available as CV-interface again, with the changed settings.

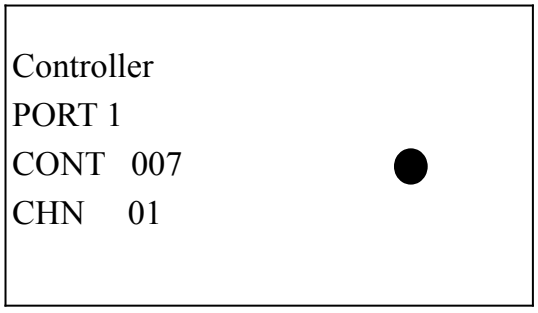

Image 4 : Settings-Menu 1. Page

You can change the port (1 to 8) by pressing the right button to increment, left button to decrement. Increment at port 8 will go to port 1, decrement at port 1 will go to port 8.

The Bullet shows what value is altered by the up- and down-button. Short clicks with a normal pause increment the value by up-button, decrement by down-button. By pressing up-button multiple with short pause you increment the value by 10 for Controller-value, by 3 for Midi-channel-value. Same is for the down-button, going in 10-steps or 3-steps.

Pressing the down-button long for about half a second the bullet moves to Midi-line and you can edit the midi-channel. Pressing the up-button for about half a second moves the bullet to the Controller-line.

You can change the ports at every time with left and right button, the bullet stays as it is, so you can edit the values for each port.

Multiple Controller/Channels

When one or more of the other ports use the same controller and midi-channel, the screen is inverted to warn you. It works, you may use one output bound to the same channel and controller, but its not usually wanted.

Learn-mode

If you are unsure what controller your track uses, you can use learn-mode. To start the learn-mode for the actual port and midi-channel, you need to press the right-button for about half a second.

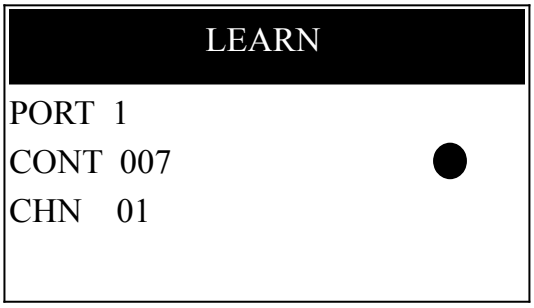

Image 5 : Started Learn-Mode

A inverted „Learn“-text is shown on top of the screen. You can now start to turn the knob or start playback. The track or hardware needs to be connected to a midi-port of the MidiWoush-interface.

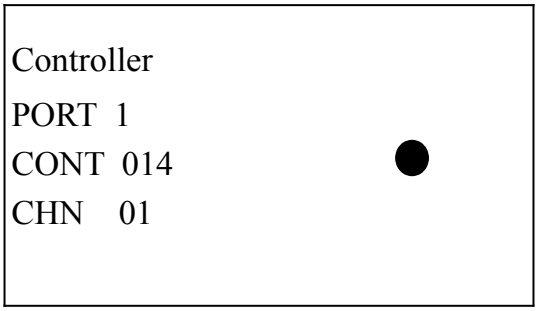

Image 6 : After learning the controller

MidiWoush V8 listens on the midi-channel and changes the Controller to the one that was send by your hardware. If learn does not work or you have started it unintentionally, a press of the right or left button ends the learn-mode.

In normal edit-view you can press the left button for minimum of half a second. The system shows the MiniMax-view. Here you can changes the values of minimum and maximum with the up and down-buttons. Long presses of up and down-button move the bullet so you can choose if you want to alter minimum or maximum.

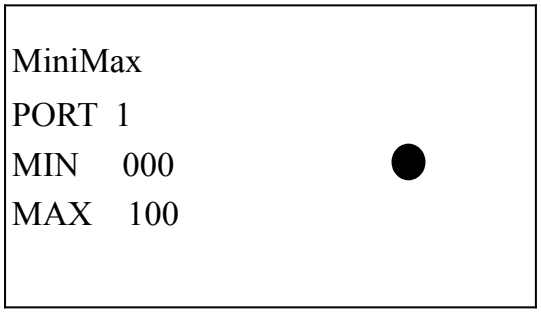

Image 7 : Minimum-Maximum-View

A long press of right button swaps the minimum and maximum-values. The screen is inverted if minimum is higher than maximum. This means that the output acts inverted to the midi-value.

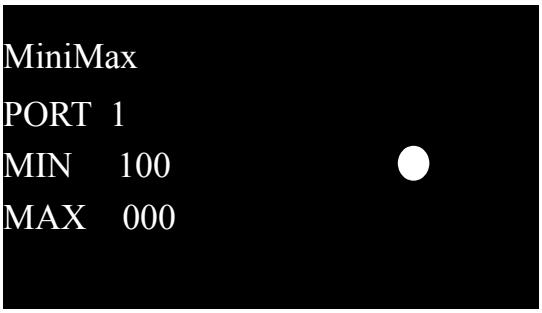

Image 8 : Inverted Port

By pressing the Left-Button for about half a second you leave the Edit-mode. System shows the standard-screen and reacts to midi-commands again, altering the voltage as you want.

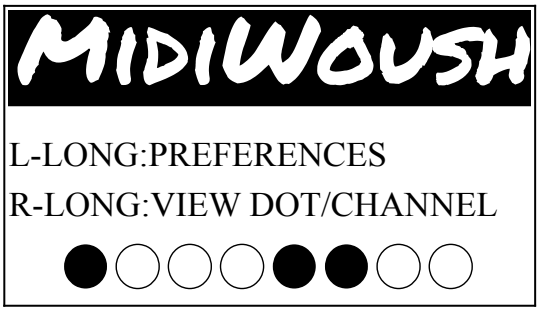

Image 9 : Normal-Screen again

Values and Restart

Each change to parameters is directly saved to non-volatile memory. After a restart MidiWoush will work with the parameters that were set before.