

## USER MANUAL

V1.0

### 12V DC

Connect the included AC adapter (12V DC, 0.5A) only. Always connect all other cords before plugging in the AC adapter. The Mini Vent can not be powered by batteries.

### IN

This jack accepts mono organ and keyboard signals.

### OUT L , OUT R / MONO

The mini Vent provides a stereo output. If you just need a mono signal the R / MONO output delivers the best quality, particularly in STOP mode.

### A-B

Switches between two programmable settings of the mini Vent. See > Programming.

### BYPASS

Turns the rotary effect on and off. When the red LED lights up, the effect is active, when it's off the signal is relayed to both outputs via a true bypass circuit.

### SLOW / FAST

Switches the rotors to slow or fast speed. The yellow Lo and red Hi Leds indicate the current speed of the virtual rotors.

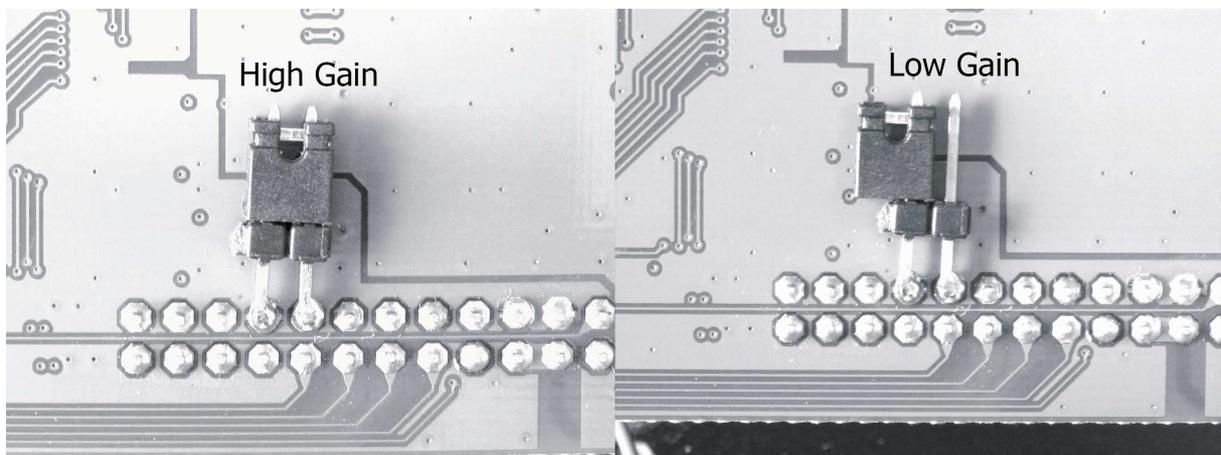
### STOP

Pressing both the Bypass and Slow / Fast switch simultaneously causes the rotors to stop. The rotors always stop in the front position.

### Input Gain Select

The mini Vent for Organ is set to Lo Gain input from the factory. If your organ's output is too low to get enough DRIVE, the mini Vent can be switched to Hi Gain.

1. Unplug the AC adapter of the mini Vent
2. Unscrew the 4 screws on the bottom and open the enclosure
3. Find the jumper soldered flat on the PCB board (see picture below)
4. Remove the jumper and attach to both pins
5. Attach the bottom cover with the 4 screws



## Programming

The following parameters can be edited and stored to switch setting A or B:

- Drive Intensity  
in 5 steps (off,1,2,3,full)
- Distance  
in 5 steps

Settings are stored to flash memory so that there's no reprogramming necessary on power up.

1. Power up the mini Vent while holding the Slow/Fast switch for 3 seconds  
This enters the edit routine, effect will be switched on and Slow Speed is selected
2. Set the A-B switch on the back according to the memory setting you want to edit
3. The Speed LEDs reflect the parameter settings. Lo LED represents "Drive", Hi LED represents "Distance". The parameter value is indicated through flashing or constant glowing.  
Here's a list of all possible settings:

Drive off	(Lo LED blinks 1x/sec)	
Drive 1	(Lo LED blinks 2x/sec)	
Drive 2	(Lo LED blinks 3x/sec)	<i>factory default for A</i>
Drive 3	(Lo LED blinks 4x/sec)	
Drive full	(Lo LED constantly on)	<i>factory default for B</i>
Distance 1	(Hi LED blinks 1x/sec)	
Distance 2	(Hi LED blinks 2x/sec)	
Distance 3	(Hi LED blinks 3x/sec)	<i>factory default for B</i>
Distance 4	(Hi LED blinks 4x/sec)	<i>factory default for A</i>
Distance 5	(Hi LED constantly on)	

4. To increase the Drive value, press the Bypass switch repeatedly, to increase the Distance value press the Slow / Fast switch repeatedly. Once you reached the highest value, the next button press will take you to the first value again.
5. Toggle the A-B switch if the other memory shall be edited too and repeat the previous steps
6. When editing is finished press Bypass and Slow/Fast simultaneously and hold for 2 seconds.  
Settings will be stored and the mini Vent returns to play mode (effect on, slow speed).

## Warranty terms

Neo Instruments extends a warranty covering all verifiable defects in material and workmanship for a period of 12 months from the date of original purchase. Statutory warranty rights remain unaffected hereby. The warranty covers the remedying of manifest defects by replacing or repairing defective parts. Any other claims, in particular those for a reduction in price or cancellation of contract, may only be made after an attempt to rectify the defect or deliver a replacement has failed.

The warranty does not cover damage incurred during transit, as well as damage caused by non-compliance with the operating manual and improper or negligent handling of the device. Beyond that, the warranty does not cover defects or damage caused by acts of God (including but not limited to lightning, floods, etc.) or other external influences, as well as mechanical damage or flaws that are not attributable to manufacturing defects. If defects occur during the warranty period, please contact us at the following address:

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