

## MS-Control manual

Thank you for purchasing this MS-Control module.

The module converts V-trig to S-trig and also allows fine control over CV for tuning.

### Instruction for use:

Plug your 1V/Oct CV source into the 'CV IN' of the module and your trigger or gate signal into one of the 'V-TRG IN' jacks. Connect the corresponding S-TRIG OUT to the TRIG IN of your K2/MS-20. The second V-Trig / S-Trig converter can be used to patch to the K2/MS-20 Sample and Hold Clock in or the EG1 Trig in.

Connect the CV OUT to a frequency modulation input on your K2/MS-20 and turn the corresponding modulation level all the way up.

Allow 15 mins warm up time for perfect V/Oct operation!

### V/Oct set up

Please follow these instructions to adjust CV out for your synth. You will need a frequency meter or app (there are some free ones available).

#### **Don't attempt Calibration until your synth has warmed up for at least 15 mins!**

Connect as above and play the lowest note on your 1V/Oct CV source (keyboard / sequencer). Check the note on the frequency meter and then play a note one octave higher. The reading on the frequency meter should now be one octave higher. If it is not, adjust the knob below the CV IN jack (clockwise shifts the frequency up, anti-clockwise shifts it down) Keep playing the original note and then the octave higher note until you have a perfect octave difference.

Repeat this process for 2, 3 and 4 octaves above the original note so that they are all perfectly octaves apart.

If you have a good ear for tuning, you might be able to do all this without the frequency meter.

Tip: lower frequencies sometime don't register well on frequency meters. If you are having this problem when playing the lowest note, you can simply switch the octave selector on your synth to a higher octave.

## Support

Any problems? Feedback? Please use the contact form at:

<http://database-help.co.uk/mheurorack/>

