

Simple MIDI

Using the MIDI card for the Workshop System

By Music Thing Modular

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What is the Simple MIDI card?

Simple MIDI turns the Computer into a simple USB midi interface to send and receive MIDI:

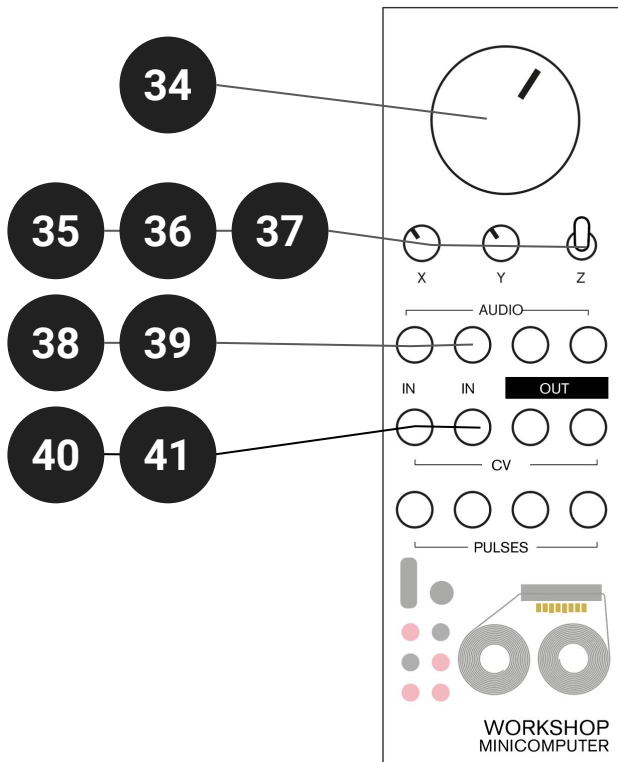
- It receives 2 x channels of MIDI information from the computer: Gate + Note + Continuous Controller
- And it sends 8 channels of MIDI from the system, so you can control the computer from the system:
 - 3 Knobs
 - 1 Switch
 - 4 CV inputs
- This means you can integrate the computer with the workshop system:
 - Send two channels of audio to the system (left and right channels down a stereo connection)
 - Control virtual instruments or samplers using the envelopes, LFOs and indeterminate voltage generator

For questions or support,
Email tom@musicthing.co.uk
Or join the discord community:

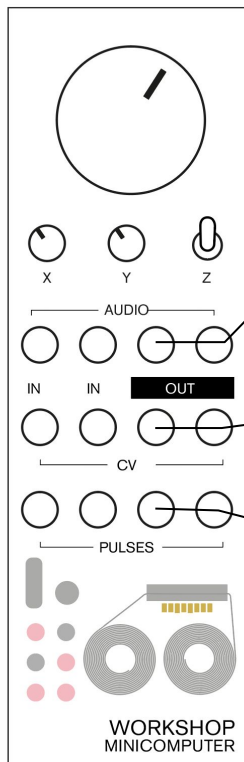


Discord invite

MIDI Out sent on Channel 1 as Continuous Controllers



MIDI in is received on Channels 1 and 2



CH 1

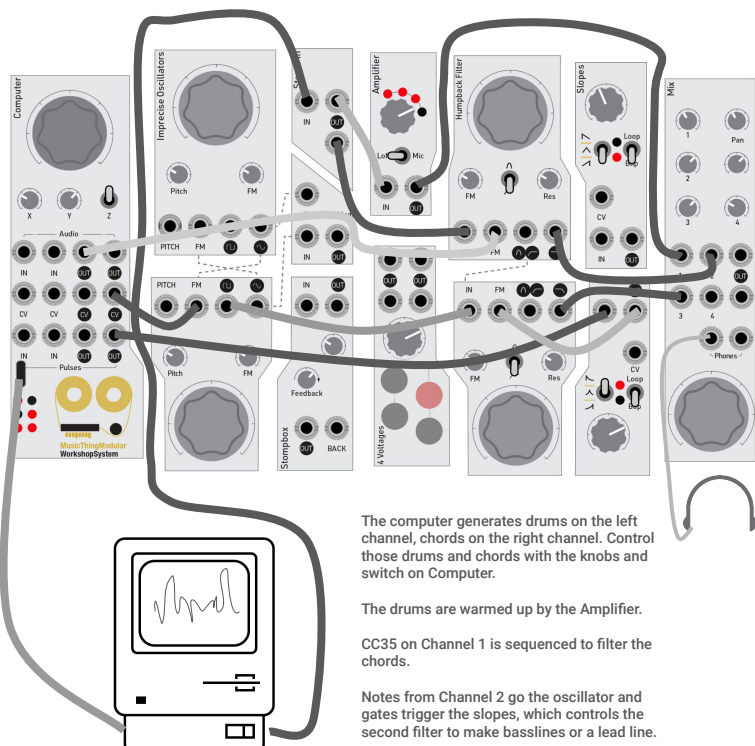
CH 2

Control Voltage
Continuous Controller 42 on
each channel. Mapped: 0 =
-5V 64 = 0V 127 = +5V

Notes
Not calibrated, but
not far off
1v / Octave

Gates
Start with any Note On
End with any Note Off

SIMPLE MIDI GETS VERY COMPLICATED VERY QUICKLY



The computer generates drums on the left channel, chords on the right channel. Control those drums and chords with the knobs and switch on Computer.

The drums are warmed up by the Amplifier.

CC35 on Channel 1 is sequenced to filter the chords.

Notes from Channel 2 go the oscillator and gates trigger the slopes, which controls the second filter to make basslines or a lead line.