QUICK START INSTRUCTIONS
Firmware Version 1.0

Thanks for buying a MeeBlip, and welcome to triode! Let's get started.

Connect triode

triode requires three connections: MIDI, 9V DC power and Audio.

For audio, connect any stereo mini jack (3.5 mm) cable to an external output, or plug in stereo headphones. IMPORTANT: you must use a stereo cable connected to a stereo input jack.

MIDI input is available from any standard MIDI DIN connection. (That's the round connector with the five pins.)

Power is 9V DC, 300 mA, 2.1mm-barrel, center positive.

Set the MIDI Channel

Set the MIDI channel using the MIDI SET button on the back panel. Press it until the LED blinks, then release. Move one of the control knobs corresponding to channels 1 to 8. The LED will blink quickly to confirm that the MIDI channel has been changed.

How triode responds to MIDI

In addition to pitch (MIDI notes) and velocity (mapped to the filter envelope, so triode responds to how forcibly you play notes), triode responds to MIDI messages from external controllers and sequencers. MIDI numbers these messages via standard Control Change numbers, or CC:

01 MIDI MOD wheel (mapped to LFO Depth)
02 LFO Rate
03 Oscillator Detune
04 Note Glide (Portamento)
05 Filter Resonance
06 Filter Cutoff
07 Amplitude Decay

Knobs only accessible via MIDI:

56 Filter Accent
57 Filter Envelope Modulation
58 Oscillator Pulse Width
59 Filter Attack
60 Amplitude Attack

Switches

64 Envelope Sustain
65 Sub-oscillator
66 PWM Sweep
67 LFO Destination (osc/filter)
68 Oscillator Wave (pulse/sawtooth)

Since switches are either in one position or another, any CC with a value from 0-63 will correspond to "off," any value from 64-127 will result in "on."

Switches only accessible via MIDI:

69 LFO Randomize
70 LFO Note Retrigger (default ON)

To activate Wavetable Mode

Hold the MIDI Set button for a moment while turning the instrument on. The LED will flash quickly to indicate that it has switched firmware. The WAVEFORM switch selects Wavetable Bank A / B / C and the GLIDE knob selects one of the 8 waveforms in each bank.

Wave Bank A: Sawtooth, Blended Sawtooth, FM 1, Distorted 1, Granular 1, Voice 1, Voice 2
Wave Bank B: Bit Reduced 1, Bit Reduced 2, Bit Reduced 3, Distorted 2, Distorted 3, FM 2, FM 3, More Granular.
Wave Bank C: Chip Osc 1, Chip Osc 2, Video Game 1, Video Game 2, Bit Reduced 4, Bit Reduced 5, Raw 1, Raw 2

What's next?

Have fun! You can find advanced documentation including schematic diagrams and source code, at our site: meeblip.com. You can also email us at meeblip@reflexaudio.com

Assembled in Canada by Blipsonic Inc. MeeBlip is a project of Blipsonic and CDM (cdm.link)