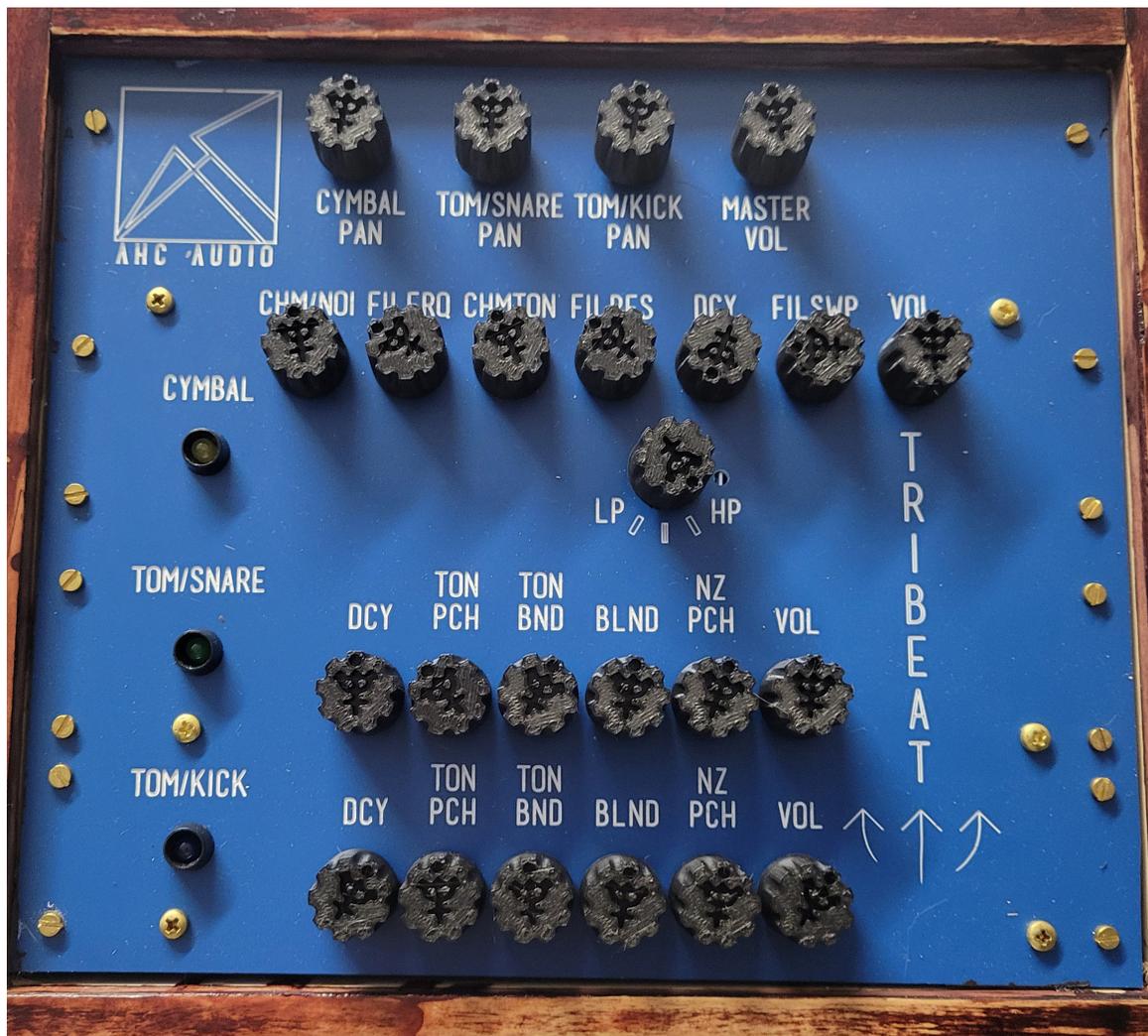The TRIBEAT is a very simple 3 voice analog drum synthesizer. It has a MIDI interface, and a simple mixer to allow for stereo output, as well as output from each of the individual voices. The three voices are a cymbal synthesizer, and two tom/snare/bass drum synthesizers.

QUICK START
Connect 12V center positive supply to the 12 V Center Positive.

Connect a MIDI controller to the MIDI-IN jack.

Connect stereo out to an amplifier, or a recording interface.

The TOM/KICK channel is activated by 36 Midi Note On
The TOM/SNARE channel is activated by 38 Midi Note On
The CYMBAL channel is activated by 42 Midi Note On

ENJOY!

What all of the knobs do:
CYMBAL PAN – Adjusts the L/R balance of the cymbal for the stereo out
TOM/SNARE PAN – Adjusts the L/R balance of the tom/snare for the stereo out
TOM/KICK PAN – Adjusts the L/R balance of the tom/kick for the stereo out

FOR THE CYMBAL
CHM/NOI – Adjusts the balance between chime and noise sounds for the cymbal
FILFREQ – Adjusts the base frequency of the filter for the cymbal
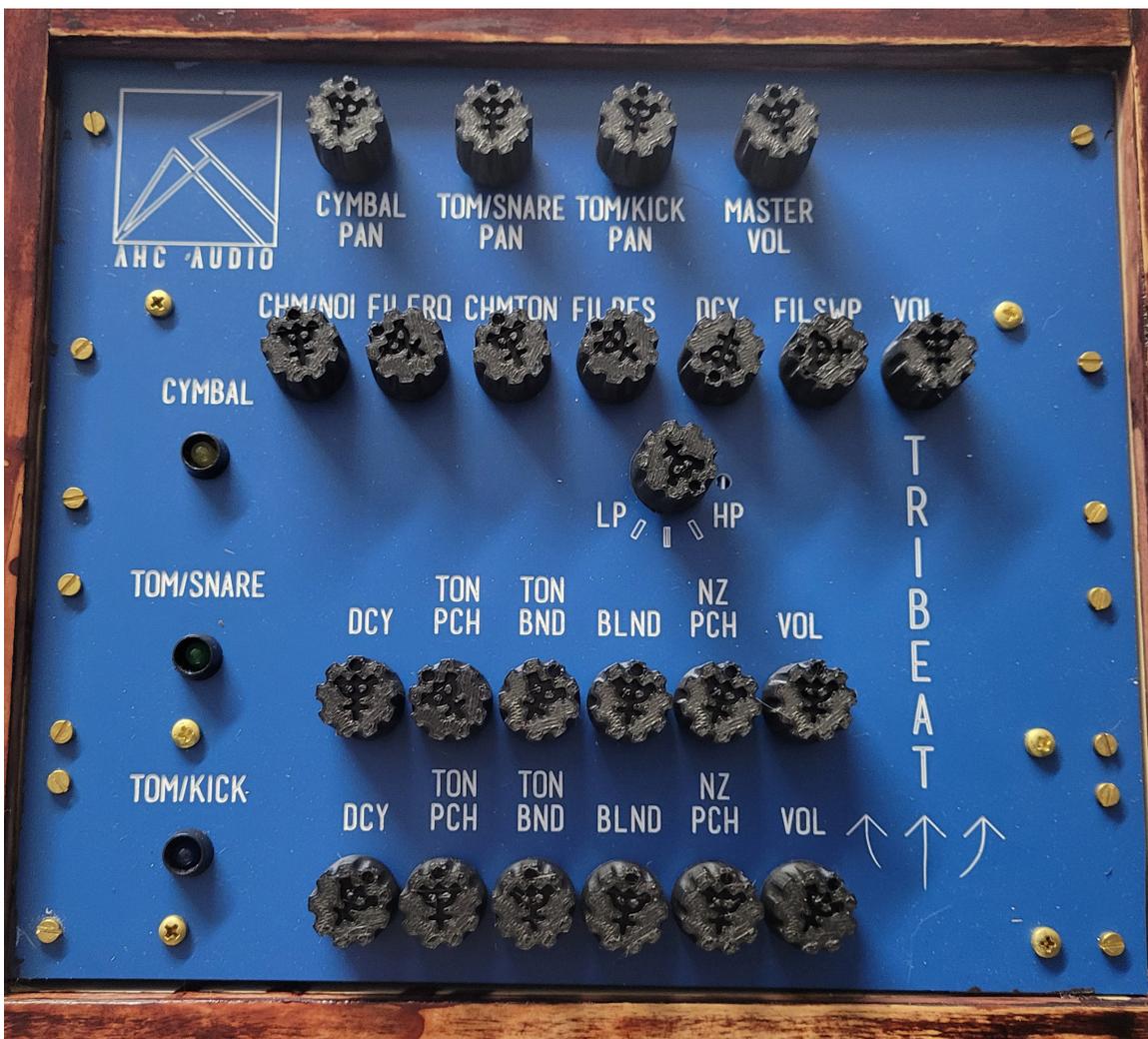CHMTON – Adjusts the frequency of the chime sound
FILRES – Adjusts the resonance of the filter for the cymbal
DCY – Adjusts the length of the decay for the cymbal
FILSWP – Adjusts the sweep of the filter for the cymbal
VOL – Adjusts the overall volume.
LP=HP – Adjusts the type of filter for the cymbal, Low Pass, Bandpass and HiPass

FOR THE TOMS

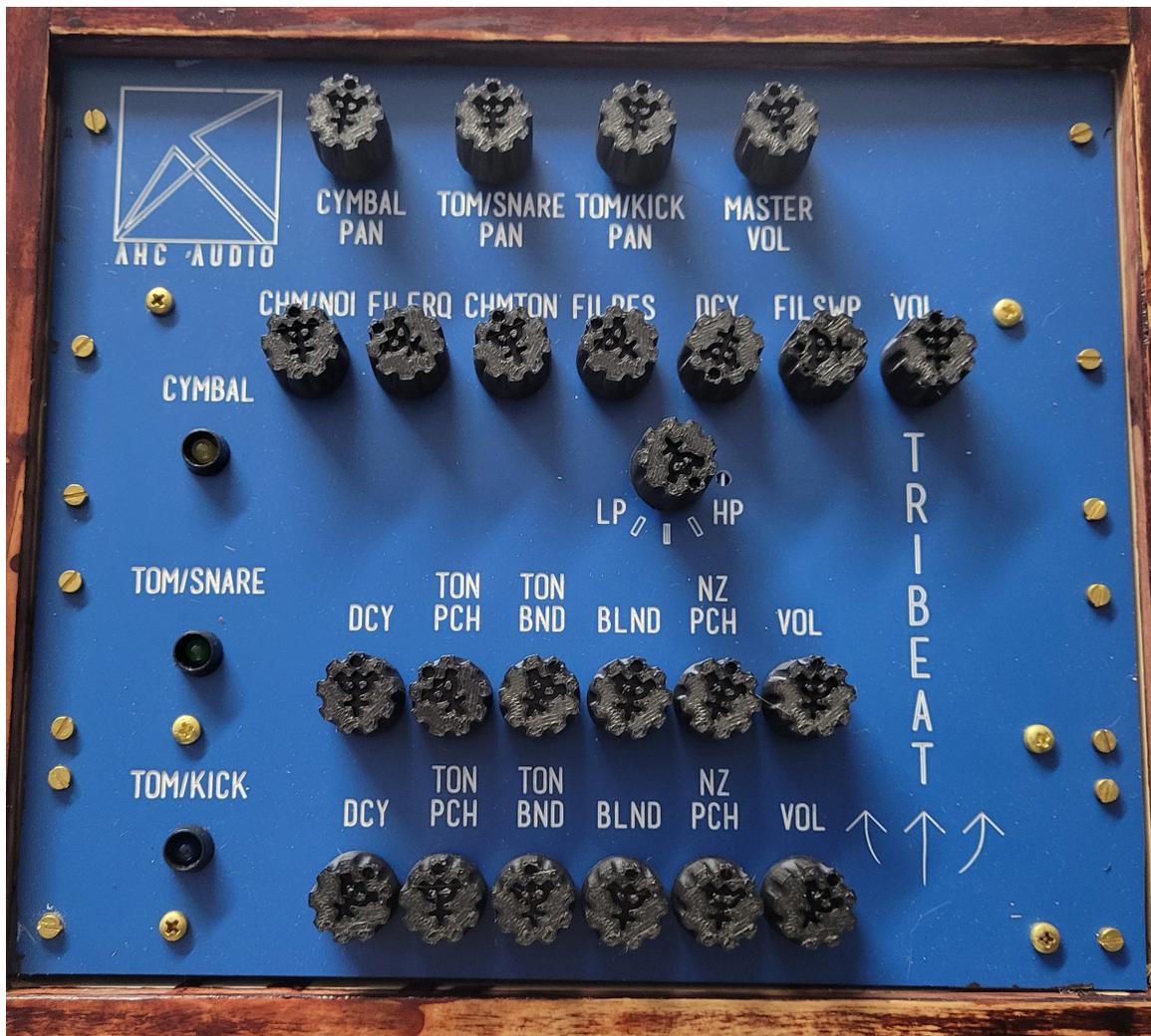DCY – Adjusts the length of the decay for the tom
TONPITCH – Adjusts the pitch of the tom
TONBEND – Adjusts the amount of bend in the tom pitch
BLND – Blends the noise and the tom
NZPITCH – Adjusts the frequency of the noise
VOL – Adjusts the overall volume.

BACK PANEL

Connect 12V center positive supply to the 12 V Center Positive – uses about 300–400ma

Stereo out, and the individual voice outputs provide a hot line-level signal for recording or amplification.

The MIDI in is a simple MIDI in. It listens on all channels for the GM or general midi notes for Kick, Snare, and Hat – 36,38, and 42 respectively. This can be modified in the firmware – contact me for programming, I can do this modification for free.