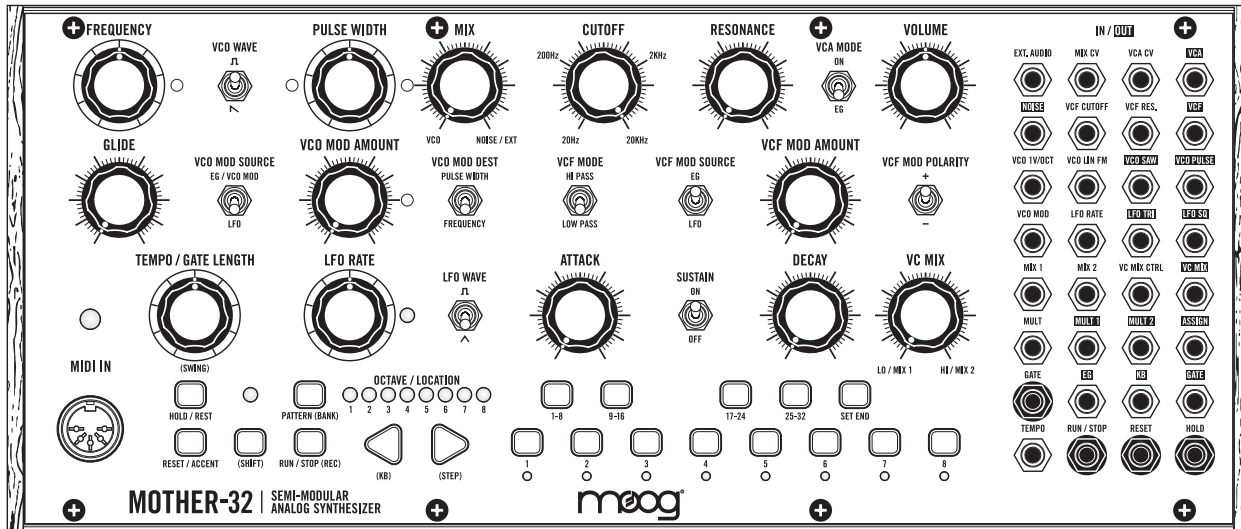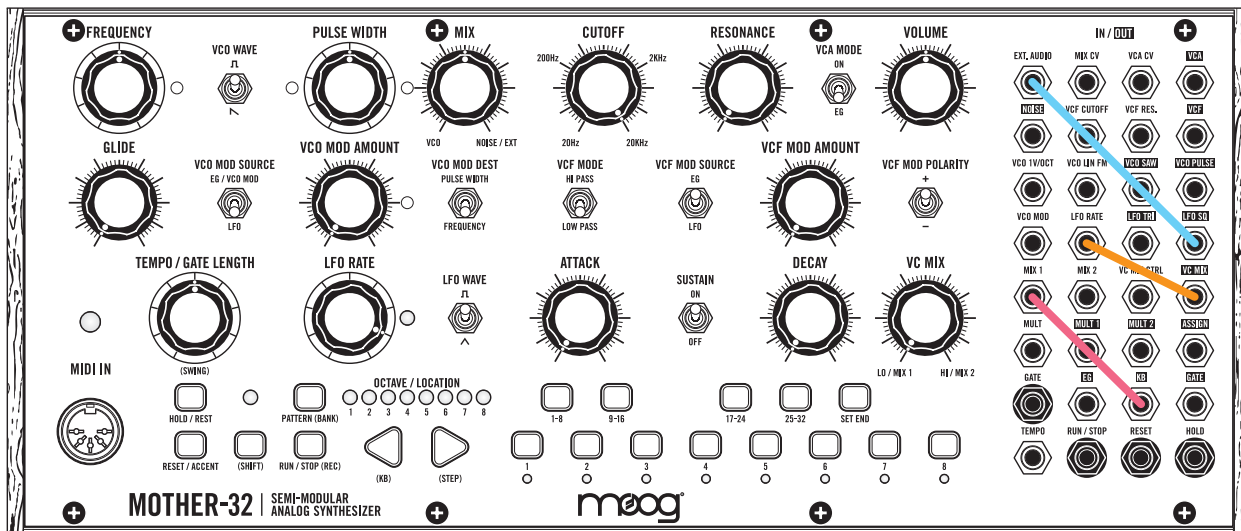## PRESET: INIT

NOTES:

A basic normalled single oscillator synth patch. This is a good starting point for experimentation, or when you need to get the Mother 32 "back to zero".

PRESET: 2 OSC SYNTH

NOTES:

A basic two oscillator synth patch utilizing the LFO at audio rate as a second oscillator. The VC MIX is being used to scale the keyboard voltage in order to improve the accuracy of the key tracking. This patch tracks best in octaves 2 through 4.
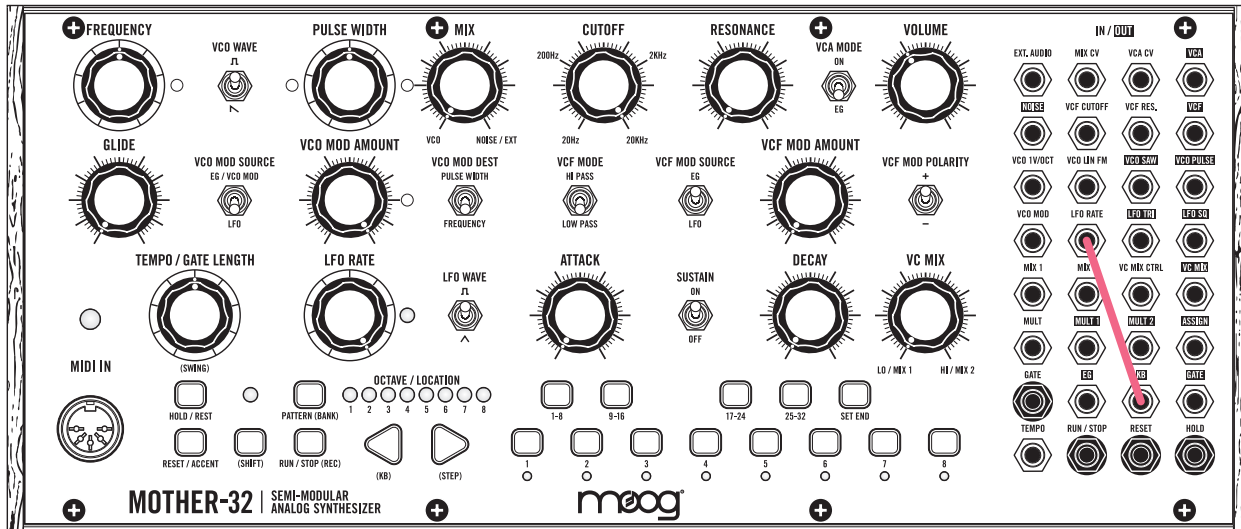
PATCHING:

KB ➜ MIX 1
VC MIX ➜ LFO RATE
LFO SQ ➜ EXT. AUDIO
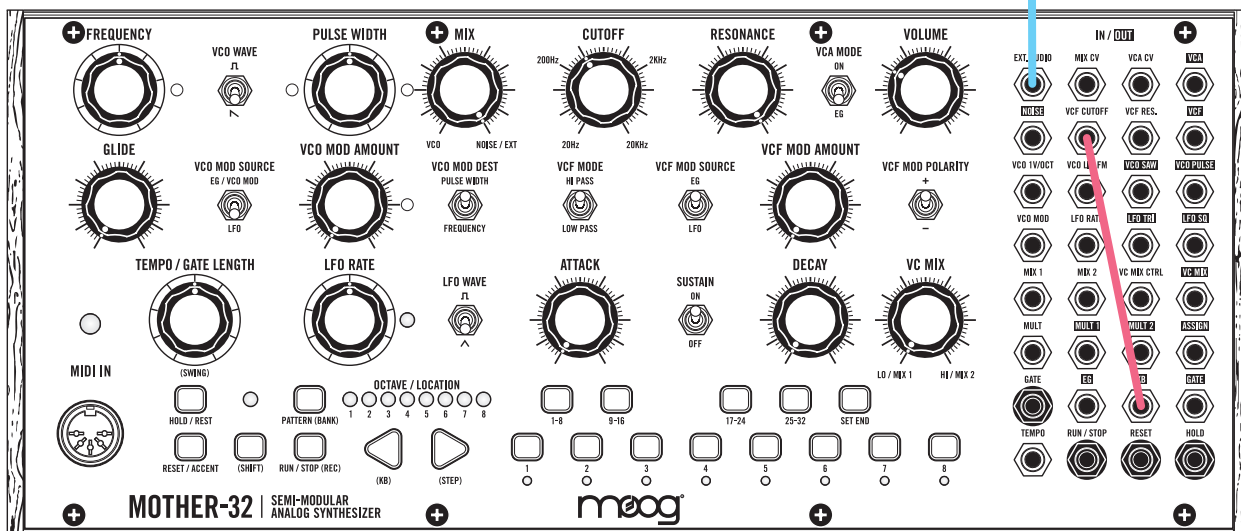
PRESET: TRACKED FM

NOTES:

A basic FM synthesis patch where the modulator tracks with the keyboard. LFO RATE scales the FM rate, and VCO MOD AMOUNT controls the RM amount.

PATCHING:

KB ➜ LFO RATE

PRESET: PLAY THE FILTER

NOTES:

A patch which uses the "self-resonating" filter in place of a VCO. Use the CUTOFF knob to tune the filter voice, and the MIX knob to blend it back in with the VCO.
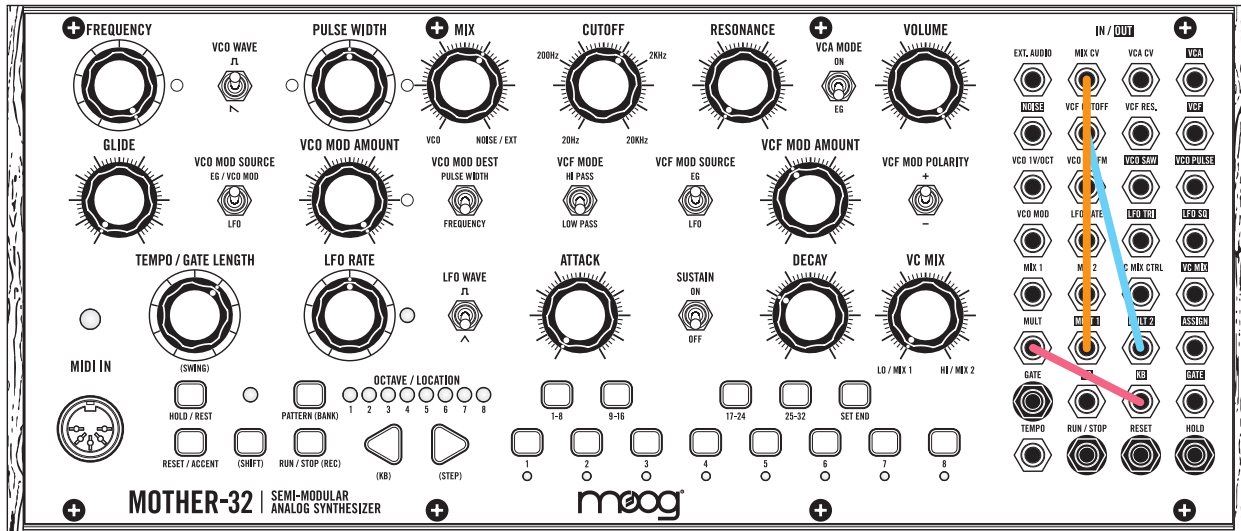
A "dummy plug" is used here connected to the EXT. AUDIO jack in order to break the normalling on the MIX knob

PATCHING:

KB ➜ VCF CUTOFF
"DUMMY" ➜ EXT. AUDIO

PRESET: SIMPLEST KICK & SNARE

NOTES:

A patch which uses the envelope-controlled VCO and filter as a bass drum, and the noise generator as a snare drum. The keyboard voltage controls the mix between these signals in order to "select" one or the other.

When sequencing this patch:

- The lowest note of OCTAVE 1 will cause only the bass drum to sound.
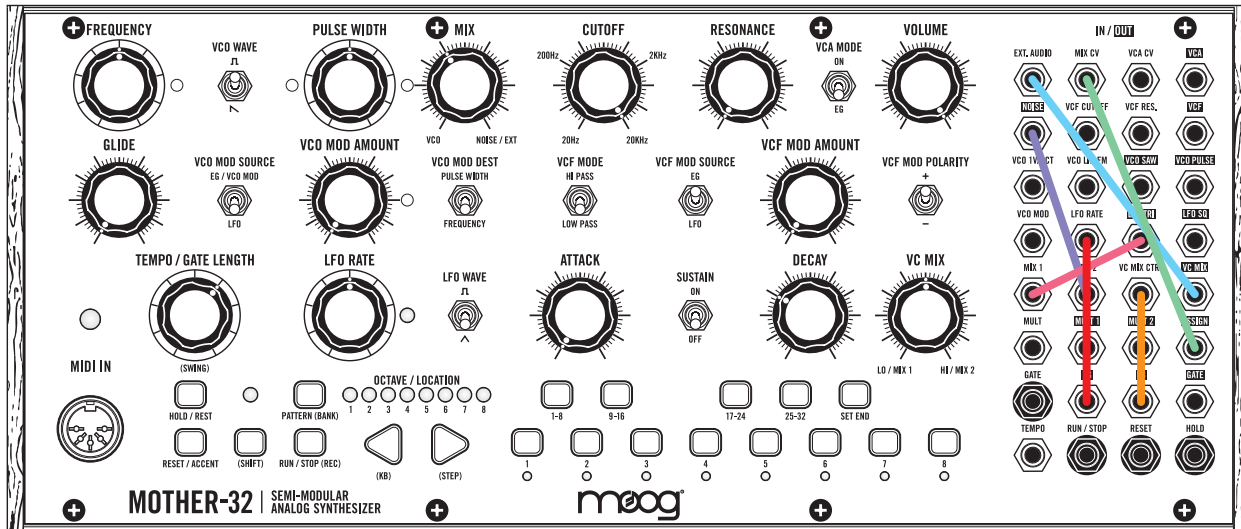- The highest note of OCTAVE 8 will cause only the snare drum to sound.

PATCHING:

KB ➔ MULT
MULT 1 ➔ MIX CV
MULT 2 ➔ VCF CUTOFF

PRESET: EVERYTHING!

NOTES:

A Patch which uses the envelope-controlled audio-rate LFO as a bass drum, and the noise generator as a snare drum. The keyboard voltage controls the VC MIX between them, and the ACCENT trigger voltage controls the MIX between the VC MIX drum bus output and the VCO melodic output. The ASSIGN jack must be set to output ACCENT voltage in order for this patch to work properly.

When sequencing this patch:

- The lowest note of OCTAVE 1 will cause only the bass drum to sound when ACCENT is on for that step.
- Any note in OCTAVE 2 or OCTAVE 3 will cause the bass drum to sound along with a bass tone when ACCENT is on for that step.
- The highest note of OCTAVE 8 will cause only the snare drum to sound when ACCENT is on for that step.
- Any note in OCTAVE 2 through OCTAVE 6 will function normally when ACCENT is off for that step.

PATCHING:

EG ➔ LFO RATE
LFO TRI ➔ MIX 1
NOISE ➔ MIX 2
KB ➔ MIX CTRL
VC MIX ➔ EXT. AUDIO
ASSIGN ➔ MIX CV