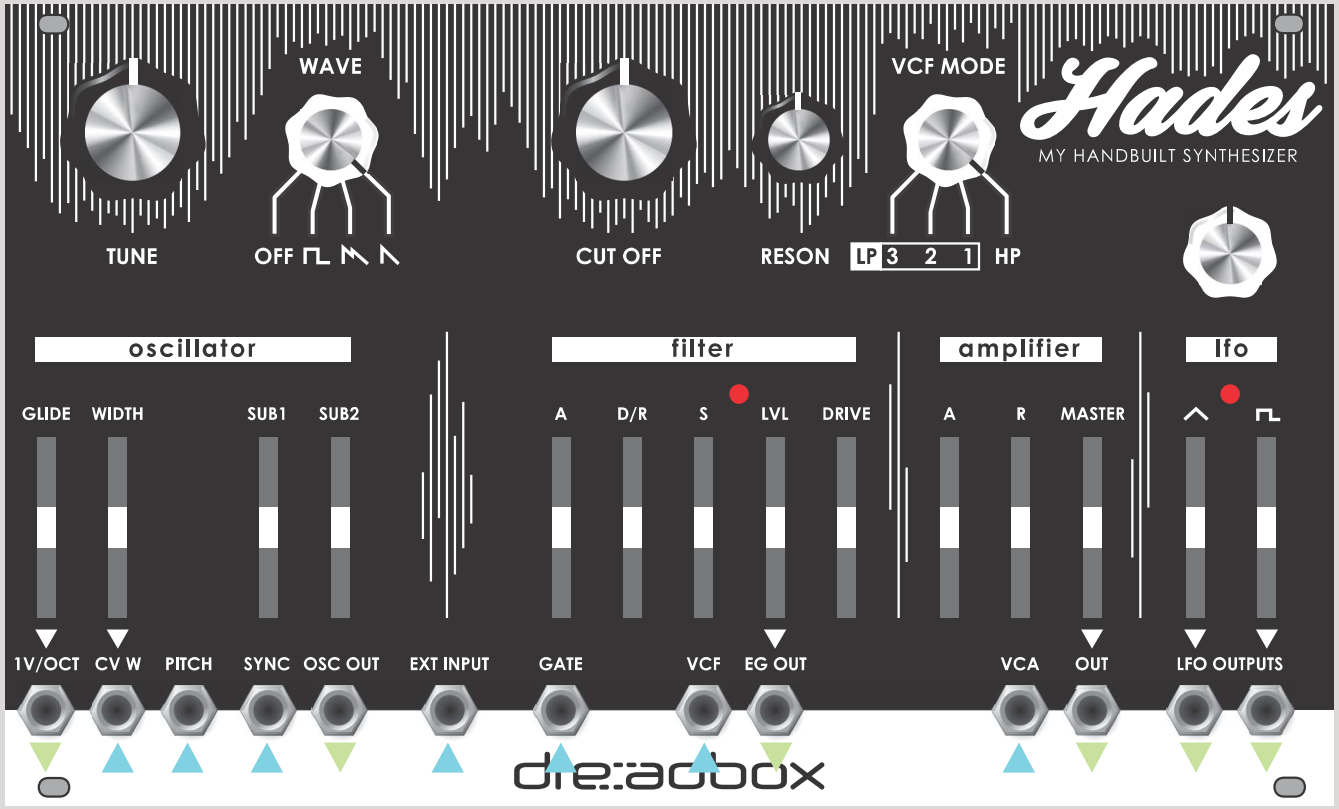


User's Manual

ROTARY CONTROLS

TUNE: Sets the oscillator's frequency
WAVE: Sets the oscillator's waveform
CUT OFF: Tunes the filter's cut off frequency
RESON: Sets the amount of feedback of the filter
VCF MODE: Sets the Filter type
LFO: Tunes the LFO's frequency

SLIDE CONTROLS

OSCILLATOR

GLIDE: Portamento over the pitch. Works only via MIDI
WIDTH: Width control for the Pulse and the Double Saw
SUB1: Sets the level of a sub VCO playing at 1 octave below the frequency of the main VCO at a Square Wave only
SUB2: Sets the level of a sub VCO playing at 2 octaves below the frequency of the main VCO at a square wave only

FILTER

A: Envelope's attack time
D/R: Envelope's decay and release time
S: Envelope's sustain level
LVL: Envelope's level
DRIVE: Drive (distortion) amount

AMPLIFIER

A: Envelope's attack time
R: Envelope's release time
Master: Master level of the synth

LFO

TRIANGLE: Triangle amount to patch
SQUARE: Square amount to patch

PATCHING

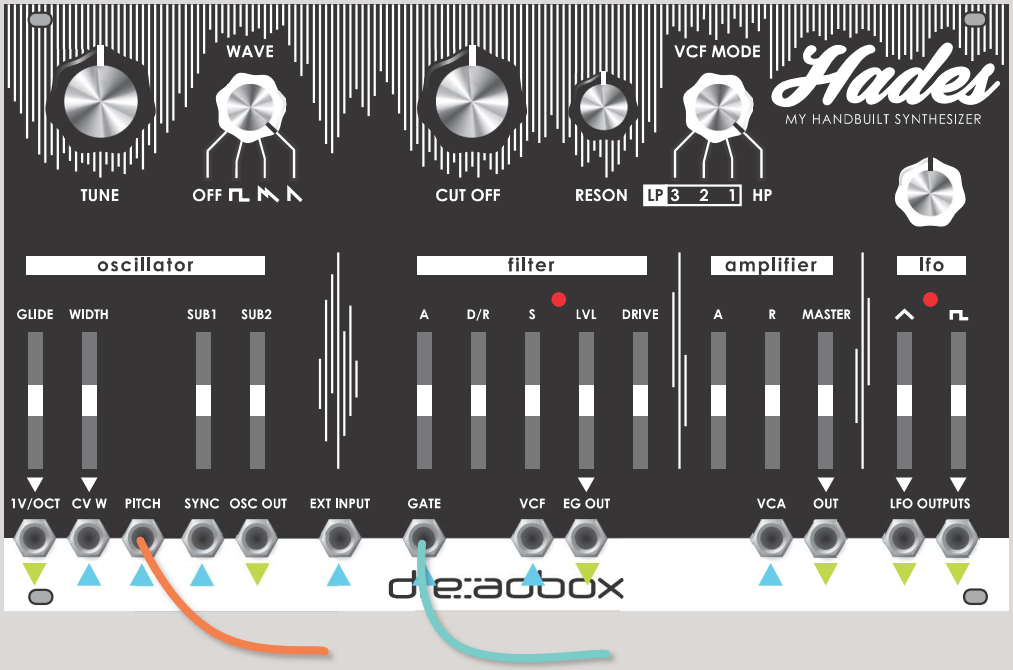
OUTPUTS ▽

1V/OCV: Sends the MIDI to CV conversion from the DIY midi/power board
OSC OUT: Sends the VCO as a dry signal (bypassing the VCF and the VCA)
EG OUT: Direct Envelope out
MASTER OUT: Main output of the synth
LFO TRIANGLE OUT: Sends the triangle LFO
LFO SQUARE OUT: Sends the square LFO

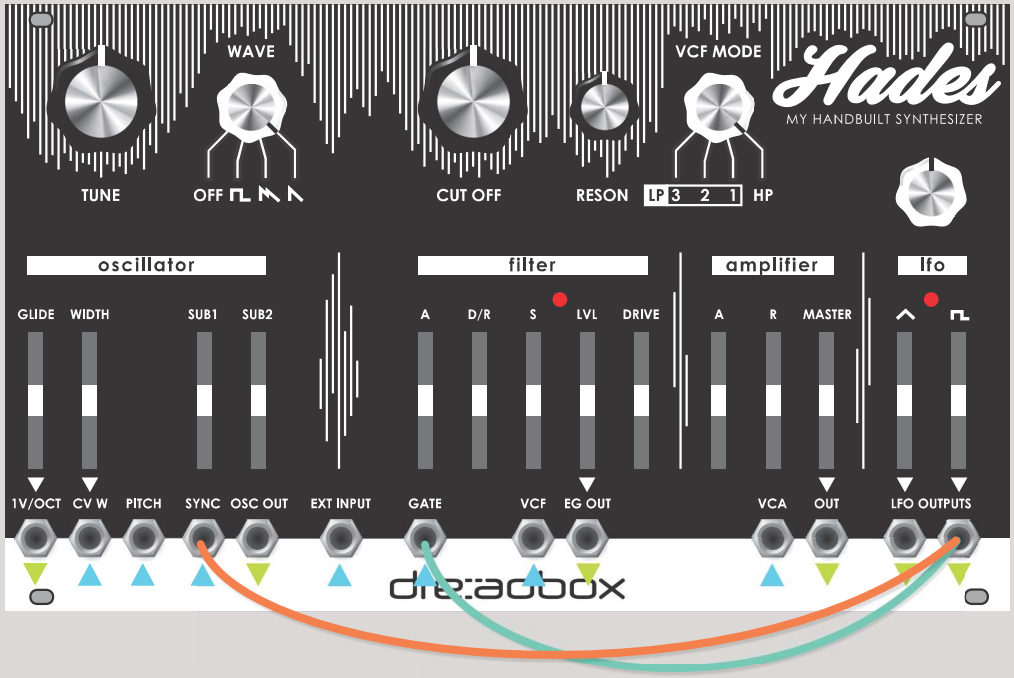
INPUTS △

CV W: Control over the VCO width
PITCH: Control over the VCO pitch
SYNC: Sends a square wave to hard sync the vco
EXT INPUT: Sends an audio signal (of at least line level) to pass through the synth
GATE: Triggers the Envelopes. Expects a 5V pulse
VCF: Control over the VCF frequency
VCA: Control over the VCA level. Expects a 0-8V level. Can also work with 0-5V but with a lower output

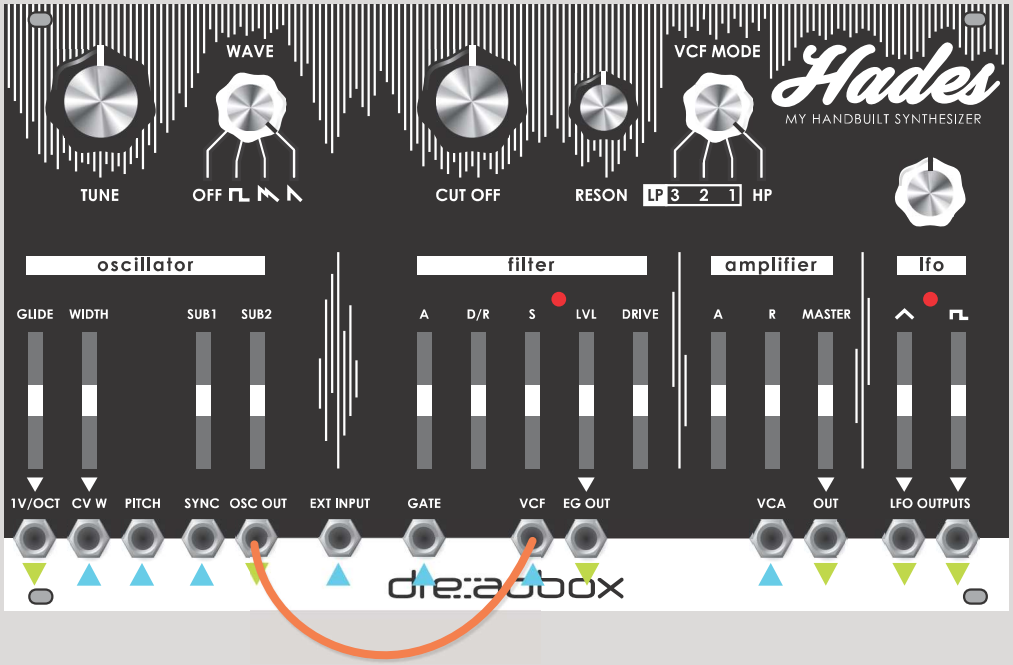
CV GATE IN



CRUDE VCO SYNC



FILTER FM



VCF KEYFOLLOW

