

Circuit Type

Choose one of five circuit types: Clean, OSR (hard clipping), MS2 (soft clipping), SMP is a hybrid of MS2 and PRD (ladder circuit without resonance limiting)

Filter Cutoff

Control the filter's **Cutoff Frequency**

Resonance

Boost or cut frequencies near the filter's cutoff freq

X-Y Controller

Horizontal axis controls the filter's **Cutoff Freq.** Vertical axis controls **Resonance**

Modulation Amount

Control the amount of LFO modulation on **Filter Cutoff**

LFO Waveform

Select your LFO waveform: sine, square, triangle, sawtooth up or down, and noise

LFO Rate Type

Hz: LFO runs freely in Hertz
♩: LFO synced to BPM

Modulation Freq (Hz)

Adjust the frequency of your LFO

LFO Phase

Adjust distance between waveforms of left and right channel. At 180, the waveforms will be perfectly out of phase

LFO Stereo Mode

Select the method of LFO offset: Phase or Spin

Envelope Amount

Control how much affect the **Envelope Follower** has on the filter frequency

Attack Time

Control how quickly Auto Filter reacts to the Envelope

Release Time

Control how quickly Auto Filter reacts to the Envelope

Filter Type

Select one of five filter types: **Lowpass, Highpass, Bandpass, Notch, Morph**

Quantize Beat On/Off

When enabled, the filter's frequency modulation will correspond with your BPM.

Beat Division

Choose a rhythmic division for your quantization. Buttons are only active if **Quantize Beat** is on

Slope

Select a filter slope of either 12 or 24 dB per octave (light vs. heavy filtering)

