

Riot ST VCF

The Riot ST VCF is a stereo low-pass filter for Eurorack. The Stereo Space control is a key feature, allowing you to manipulate the cutoff frequencies of each channel, creating dynamic stereo movement.

Voltage control input and amount potentiometer for cut off frequency.

Stereo input. Mono signal can be plugged into the left input; an internal switched jack will route your signal to both channels, allowing for a stereo output.

When CV is connected to Stereo Space input, the Fader provides unique control over how that CV affects your sound. When the Stereo Space Fader is in the middle position, the incoming CV has no effect on the cutoff frequencies. As you move the fader to the right, the CV will increase the right channel's cutoff frequency while decreasing the left channel's cutoff frequency by the same amount, following the shape of the CV signal.

Cut off frequency control knob.



Resonance control potentiometer.

When the Fader is centered, both channels share the same cutoff frequency, maintaining a mono-like filter effect. As you slide the Fader left or right, the cutoff frequency of one channel will increase while the other decreases by an equal amount, spreading your sound across the stereo field.

Voltage control input and amount potentiometer for resonance.

Stereo output..

