Rez Free Manual

Synthetic FX Free

SV MODULAR

Rez Free Users Manual

Figure 1: Rez

A Rez filter adds resonance to the input signal and provides three filtered outputs at a specific cutoff frequency: Band Pass, High Pass, and Low Pass.

Input

Rez has a single input that drives filter.

Output

Rez has a three outputs, filtered by cutoff frequency, that are the result of the processed input.

High Pass

The High Pass output provides frequency output above the cutoff frequency.

Low Pass

The Low Pass output provides frequency output below the cutoff frequency.

Band Pass

The Band Pass output provides filtered output near the cutoff frequency.

Parameters

Rez provides parameters to adjust the overall sound of the module. Each parameter is accompanied by a CV input that accepts input from `-5 volts` to `10 volts` that affect the value of the parameter. Each `volt` is equal to `10%` of the total value of the parameter, and is additive. This means that if a parameter has a range of `0` to `1`, and is set to `0.5`, the addition of a CV input set to `1 volt` will set the parameter to `0.6`.

Frequency

The Frequency parameter controls the target frequency of the frequency filter. This is defined in `hertz` and can be set between `0` and `20000` hertz.

Resonance

The Resonance parameter adjusts the amount of signal fed back into itself. This provides a louder but richer overall signal. This can be from `0` to `1.0`, or `0%` and `100%`.