

The Parameters of the 521

The 521 is a module containing two VCF (Voltage Controlled Filter) blocks.

SIG IN 1/2/3

These jacks input audio signals.

FREQ (Cutoff frequency)

Adjusts the cutoff frequency of the filter (Low Pass Filter).

* At a setting of 10, the original waveform passes through without change. As you lower the value, less of the high-frequency region passes through.

HPF (High pass filter)

Adjusts the cutoff frequency of the HPF (High Pass Filter).

* At the OFF setting, the original waveform passes through without change. As you raise the setting to 1 or 2, the cutoff frequency rises, allowing only the high-frequency portion of the signal to pass through.

MOD IN KEY/2/3

These jacks input a voltage that controls the VCF color.

SIG IN level controls

These sliders adjust the level of the signals that are input from the SIG IN jacks.

RES (Resonance)

Boosts the frequency components in the region of the cutoff frequency.

* By raising the resonance you can make the VCF oscillate. You can use this as an audio source for sound effects, or use KYBD CV to control the VCF and play pitches from the keyboard.

OUT

These are output jacks. These jacks output the signal from the VCF.

Attenuator for CV input 2/3

These sliders adjust the gain of the voltage that is input from the MOD IN KEY/2/3 jacks.

