

VCF-74 QUICKSTART GUIDE

CONTROLS

HIGH PASS

Cutoff Frequency for High-Pass Filter

Variable adjustment for high-pass frequency cutoff.

LOW PASS

Cutoff Frequency for Low-Pass Filter

Variable adjustment for low-pass frequency cutoff.

HP RES

Resonance for High-Pass Filter

The HP Res control sets the amount of resonance applied to the High-Pass filter.

Note: When a CV is used to control resonance, the resonance control sets the maximum amount of resonance. Think of this as an attenuation for incoming CVs on resonance.

LP RES

Resonance for Low-Pass Filter

The LP Res control sets the amount of resonance applied to the Low-Pass filter.

Note: When a CV is used to control resonance, the resonance control sets the maximum amount of resonance. Think of this as an attenuation for incoming CVs on resonance.

BOOST

This switch will apply a moderate amount of boost between the High-Pass and Low-Pass filters. [eg. HP → BOOST → LP]

INPUT LEVEL

This control provides variable gain or attenuation for the incoming audio signal for a wide range of signals levels.

HP CUT CV ATTENUATION

High-Pass Filter Cutoff CV Attenuation

This control provides variable gain or attenuation for the High-Pass filter cutoff control voltage.

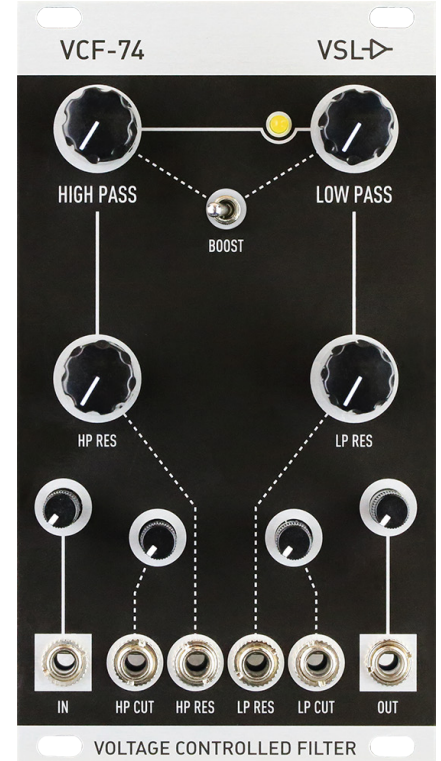
LP CUT CV ATTENUATION

Low-Pass Filter Cutoff CV Attenuation

This control provides variable gain or attenuation for the Low-Pass filter cutoff.

OUTPUT LEVEL

This control provides variable gain or attenuation for the outgoing audio signal.



JACKS

IN

Audio Input [47k ohms]

The optimal incoming signal levels are from 1Vpp to 22Vpp (-7dBu to +20dBu).

HP CUT

High-Pass Filter Cutoff Input CV [100k ohms]

This input accepts a wide range of control voltage levels (also affected by: HP CUT CV attenuation) that result in the adjustment or modulation of the HP Cutoff frequency.

HP RES

High-Pass Filter Resonance CV [100k ohms]

This input accepts a range of -5V (minimum resonance) to +5V (maximum resonance) to affect the resonance amount.

LP RES

Low-Pass Filter Resonance CV [100k ohms]

This input accepts a range of -5V (minimum resonance) to +5V (maximum resonance) to affect the resonance amount.

LP CUT

Low-Pass Filter Cutoff Input CV [100k ohms]

This input accepts a wide range of control voltage levels (also affected by: LP CUT CV Atten.) that result in the adjustment or modulation of the LP Cutoff frequency.

OUT

Audio Output

The best performance will be obtained when driving inputs (total combined resultant impedance) is of 10k ohms minimum. The signal level is dependent on output level settings.