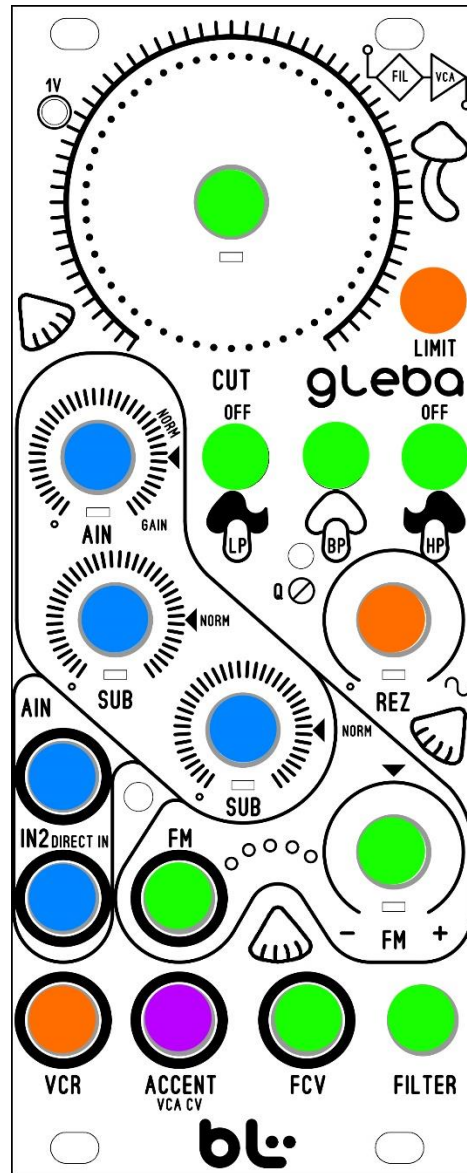


BLM GLEBA SV 12DB FILTER



Blue color section. Audio mixer, subharmonic generator, and audio direct inputs. This is where you mix to your liking all the possible audio. The sub harmonic generator is internally patched to input jack AIN 1. This section has gain when fully clockwise. Lower knob settings work best for a classic tone. Otherwise, you will get an overdriven tone if you have all the knobs fully clockwise all the time. The 'Norm' label indicates volume right before being over driven.

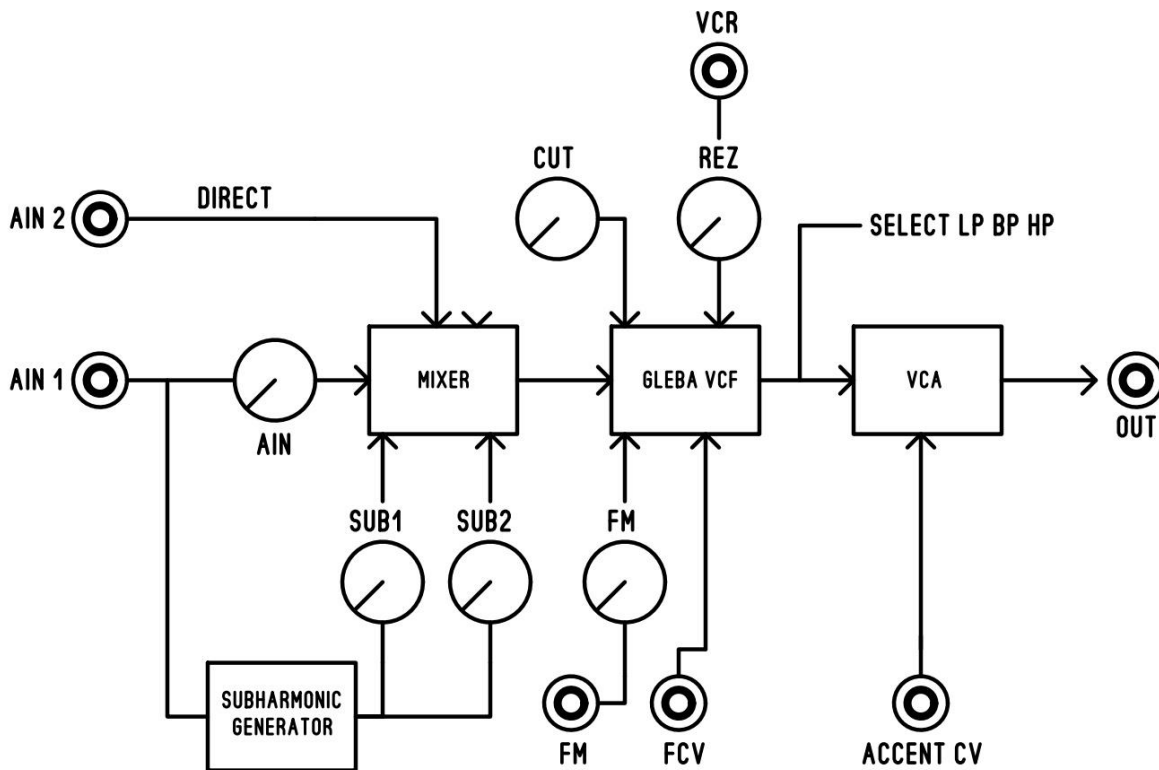
Green Section. Core Analog Filter Section. FCV in is where you can achieve 1V per Octave control. FM input jack and attenuinverter is for envelope patching. The 3 Toggle Switches is where you activate one of the State Variable Filters. You can use more than one at a time.

Orange Section: REZ knob is used to give resonance to you sound. The filter will self-oscillate when fully clockwise. There is a small trimmer on the front panel labeled 'Q'. You can adjust the amplitude of the sine wave using this trimmer. If the sine wave is adjusted to low the Limit toggle switch will have little to no effect. The Limit Toggle switch is a diode limiter located on the feedback signal patch (resonance).

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When activated, it gives a metallic like tone, at higher resonance settings. VCR is Voltage Control Resonance input.

The front panel dual color led represents an AC signal. It shows you the -5V/+5v portion of the signal. Red color does not indicate clipping.



Top Trimmer 1V. On the front panel, the top trimmer adjusts 1V per octave tracking. It is best adjusted during self-oscillation.

Model; BLM Gleba SV 12db VCF

Width: 10hp

Current: +89mA -88mA

Core Filter Cell: v2164 Quad VCA. 270pf 5% Capacitor Filtering.