

Subdecay Studios – Prometheus PM2 – Resonant Filter-

Your Prometheus pedal was hand made in Newberg, Oregon with high quality components.

Thank you for purchasing The Subdecay Prometheus.

What is The Prometheus?

The Prometheus is a voltage controlled 12dB filter which can be manipulated by playing dynamics or an internally generated signal.



Controls-

Intensity: Controls the resonance of the filter.

HP/BP/LP: Controls the shape of the filter. Highpass, Bandpass, and Lowpass.

Freq: Controls the resting cutoff frequency of the filter. In Envelope up, and Step mode, lower frequencies are to the left and higher frequencies are to the right. In Envelope down mode this control works backwards.

▲ ▽ : Controls how the cutoff frequency is modulated. Envelope up, Step, and Envelope down respectively.

Depth: Controls how much the filter cutoff frequency is modulated.

∩ : Controls the shape of the control voltage generator. This control is for step mode only.

Step: Controls the timing of the sample/hold function. (time between voltage samples) This control is for step mode only.

Rate: Controls the speed of the control voltage generator LFO (Low Frequency Oscillator)

Battery:

To change the battery you must first remove the 4 rear screws and the rear cover. The battery should be placed next to the switch in the battery compartment. The battery should be able to slide in and out with out any friction. If the battery needs to be forced in to place, it could damage the your pedal.

Battery Life

When using a battery always unplug the instrument input to conserve battery life. When a cable is plugged in the pedal is always on even when bypassed.

The Prometheus current draw relatively low considering the size of the circuit. As the battery drains the range of the filter will become smaller, and the higher intensity settings may become distorted.



About your Prometheus:

The Prometheus is hand made in Newberg, Oregon with high quality components.

Die cast aluminum enclosures for durability.

Powered by a 9 volt battery, or a regulated Class II 9VDC adapter.

Power:

The Prometheus can be powered by standard 9 volt battery, or by a dedicated Class II regulated 9 volt DC power supply with a negative center 2.1mm barrel type plug. Current draw under normal operation is less than 15mA.

Specifications:

Input impedance: 1M

Output Impedance: less than 1K in HP and LP mode. ~5K in BP mode.

Operation and Care:

Keep away from extreme heat, cold and moisture.

Use only a dry towel to clean.

No user serviceable parts. Contact Subdecay Studios, Inc. for repair or maintenance.

Official Warranty:

Subdecay Studios offers a 3 year limited warranty from the purchase date to the original purchaser. This warranty does not cover misuse, or neglect by the user. It also does not cover the finish, paint, or any exterior, or superficial damage. Any unauthorized repairs will void warranty. Subdecay Studios, Inc. will assume NO LIABILITY for this product.

Note:

If using batteries to power your Prometheus, we recommend using alkaline types.

Settings-

Envelope Filter Tricks- In Envelope Up mode, the Prometheus operates much like many other filters you may have used. In Envelope Down mode, the filter sweeps in the opposite direction. You can even set the resting frequency above or below the audio range to create a slow attack effect.

Step Filter Fun- The timing of the Step and Rate controls overlaps. When running the Rate past the 12:00 mark it can oscillate much faster than the Step timer. Some very interesting sequences are possible. Also, with the Step control all the way up, and the Rate below the 12:00 mark a smooth autofilter effect is possible. It can even sound a bit like a tremolo or phaser with the right filter settings.

Fake Synth madness- Try running your favorite fuzz or overdrive before the Prometheus. LP and BP modes work best for this effect.

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