

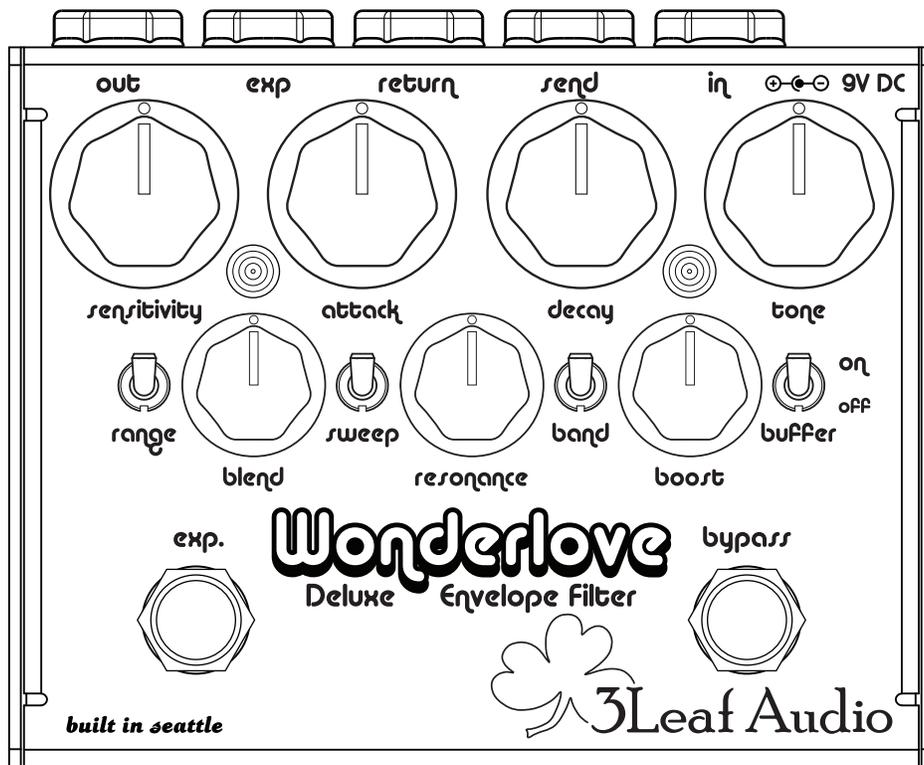


3Leaf Audio

Musical devices for creative humans

The Wonderlove was inspired by the music and sounds of Stevie Wonder, who popularized the envelope filter effect on “Higher Ground.” This is the most complete envelope controlled filter available, and its wide frequency response and control setup ensure that it sounds great with any instrument.

9v DC, 25mA minimum.
2.1mm center-negative
(Boss-style) plug.



EXP - Toggles between envelope and expression pedal control. Plug an expression pedal with the standard voltage-on-ring pinout (Dunlop DVP-3 recommended) into the exp jack for manual sweeps.

Bypass - Relay-based silent true bypass will automatically switch to bypass mode if power is lost.

Warranty

This stompbox is guaranteed against defects for one year. The warranty covers the pedal under normal use, not abuse. If you need to send your pedal in for repair, send an email.

spencer@3leafaudio.com

In - Plug your instrument in here.

Out - Plug your amp in here.

FX Send/Return - The FX loop send and return jacks can be used to trigger other effects with the Wonderlove. Run a cable from fx send to the input of an effect, and run another cable from the output of that effect to fx return. If the pedal in the FX loop is left on, it will turn on and off with the Wonderlove. The Wonderlove is still triggered by the signal from the in jack, but the filter affects the signal coming through the fx return jack. If the Wonderlove is set to buffered bypass mode, the effects loop will be active even when the effect is bypassed. This is particularly useful with dynamics-killing effects like fuzz.

The FX loop can also be used with external triggers. If you plug your instrument into fx return, whatever is plugged into the in jack will trigger the filter. You can use anything as an external trigger; the possibilities are unlimited.

Expression Input - You can control the filter sweep manually by plugging in an expression pedal here. This disables the sensitivity, attack and decay controls. Make sure to only use an expression pedal with the standard voltage on ring pinout. I recommend the Dunlop DVP3.

True/Buffered Bypass - Selects between true bypass (input jack wired directly to output jack) and buffered bypass (bypass signal passes through a buffer to easily drive long cable runs).

In true bypass mode, pedals in the FX loop will be bypassed along with the Wonderlove.

In buffered bypass mode, pedals in the FX loop will remain active even when the Wonderlove is bypassed.

Sensitivity - Response of the filter to your playing dynamics. This should be adjusted based on the output of your instrument. Start with the sensitivity at minimum and turn up until the filter reacts to your liking.

Attack - Initial response of the filter. Lower settings produce a fast, snappy attack, while higher settings produce a slow, fat “thwap” sound.

Decay - The time it takes for the filter to sweep. Higher settings produce long, neutral envelope sounds, while lower settings produce quicker, more “bubbly” envelope sounds.

Tone - The maximum cutoff frequency of the filter. It works like the tone knob of a guitar or bass. Higher settings will accentuate the treble frequencies; lower settings increase the filter’s warmth.

Blend - The mix between your clean tone and the output of the filter.

Resonance - The “wetness” of the filter sound. Higher settings produce a more aggressive sweep with a sharper resonant peak.

Boost - Boosts the filter output by up to 6dB.

Range - Frequency range of the filter. The high position invokes the classic Mutron sound and works well on all instruments. The low position is recommended for extremely fat and juicy filter sweeps.

Sweep - Direction of the filter’s sweep. In the up position, the filter sweeps normally. In the down position, the sweep is reversed. You may need to change the settings of the attack and decay knobs; settings that work in the up position won’t always work well in the down position.

Band - Sets the filter type. Down is low pass - a deep, full sound that retains all your low end. Up is band pass - a more aggressive sound that cuts through the mix and loses your low end. Bandpass sounds great with some dry signal blended in.

