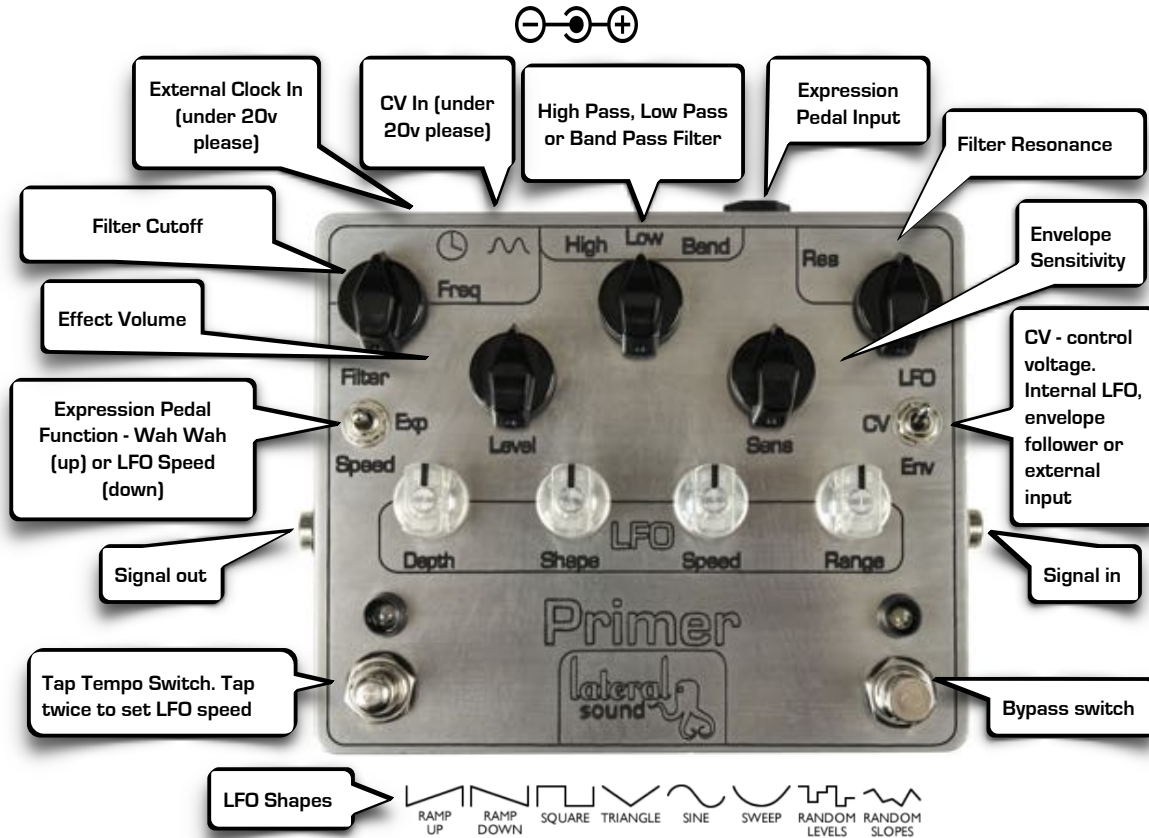




Thanks very much for buying a Lateral Sound **Primer** We hope you enjoy it as much as we enjoyed designing and building your pedal.

Primer runs on 9v. You'll need to connect a DC adapter with centre negative polarity like this:



CV: With the switch in the **up** position (**LFO**) the filter is modulated by the internal LFO. In the **down** position (**Env**) the incoming signal is analysed and the filter responds to its dynamics. Using the example of an electric guitar, the harder you hit the strings the higher the filter sweeps. The **Sens** control allows you to dial in the ideal sensitivity for your signal. If you connect an external control voltage (CV) source to the **CV In** (like a modular synth), the envelope function is disabled and the external device will now sweep the filter

Exp: With the switch in the **up** position (**Filter**) the filter can be swept with a connected Expression Pedal, making the Primer work like a wah wah. If you're in LFO mode, your Expression Pedal can 'override' the oscillator and interrupt the LFO. It can also interrupt proceedings if you're in Envelope mode. This greatly expands the expressiveness of your playing and how you interact with Primer. With the switch in the **down** position a connected Expression Pedal will control the speed of the internal LFO.

LFO Speed can be set by tapping the **Tap Tempo** footswitch, moving the **Speed** knob or (if connected) using an Expression Pedal. The **Speed** control knob also sets the min/max of the Expression Pedal speed range.

LFO Speed can also be set with a clock pulse from an external device (eg drum machine). Pulses should be **less than 20v to avoid damage to the pedal**. The incoming clock tempo can be temporarily 'overridden' by adjusting one of the speed controls (Expression Pedal, **Tap Tempo** switch or **Speed** control) for a quick temporary burst of fast modulation.

The **Depth** and **Range** controls interact with each other. Different wave shapes will require different **Depth** and **Range** settings to get the most pronounced effects.

Primer was designed using a Roland EV-5 Expression Pedal. Other makes and models will likely also work. The Expression Pedal input expects varying resistance between tip and sleeve

Check out our social media pages for demos and guides. Any questions? Send us a message, or email info@lateralsound.com

