



beavis audio research devolt user guide

Hi there! Thanks for trying the devolt—a simple device that reduces voltage. You put 9 volts into the input, and the amount of voltage at the output goes from 9 volts to around 2.2 volts depending on where you set the dial.

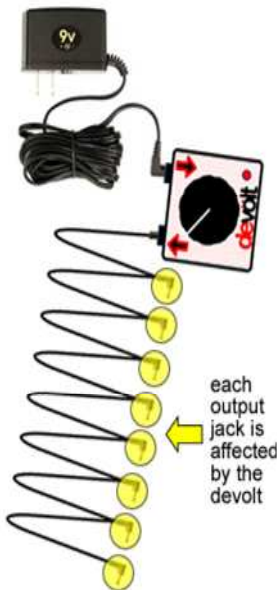
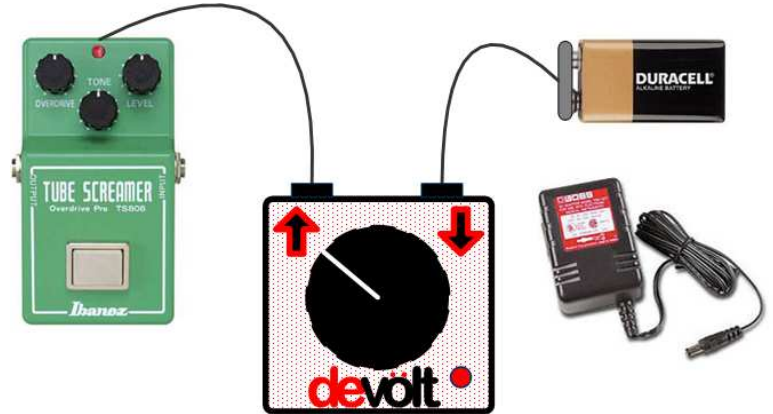


Hooking it Up

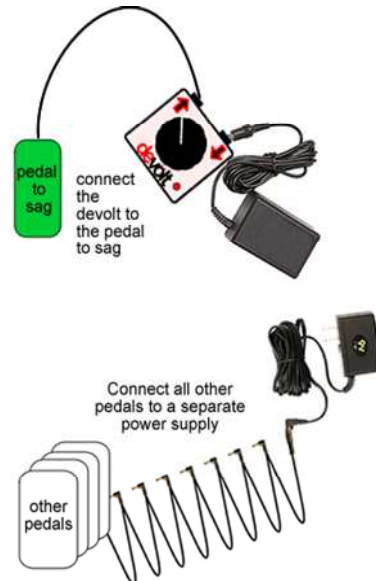
The following diagram shows how to hook up the devolt. Plug your power source into the input site (the right jack).

The power source can be a 9 volt battery connected to a 2.1mm coaxial plug, or a commercially available 9vDC tip-negative AC adaptor, such as the BOSS AC adaptor.

On the output side, use a standard 2.1mm coax connector to connect your pedal to the output jack.



When you use an AC adaptor with a voltage sagger, be sure to note that the voltage will sag across the power source—this means that if you use a daisy chain adaptor, all the outputs on the daisy chain will be sagged. For example, if you use a daisy chain power supply like the OneSpot or PowerAll with a voltage sagger, all outputs will sag by roughly the same amount. Since you are generally not going to want to sag voltage to all your pedals, use a separate AC adaptor for the voltage sag.



Not so good

Much better!

Using It

To use the devolt, start with the knob turned fully clockwise—this provides the maximum voltage. As you turn the knob counter-clockwise, less voltage is delivered.

Other Info

- What Kind of Pedals are Fun to Sag? Sagging voltage works great on all types of analog pedals. Overdrives, distortions, fuzz boxes, even things like compressors or phasers. How will you know which one to try? Just try it! The devolt makes it easy to turn pedestrian pedals into glitchy nasty discoveries.
- What Kind of Pedals are Not Fun to Sag? Anything digital. Digital pedals, including modeling pedals, digital delays, COSM stuff, etc. all require their full voltage. Sagging digital pedals will usually just make it turn off.
- Can I Damage a pedal by using the devolt? Nope. Because the devolt never supplies more voltage than is supplied. It either supplies the input voltage unchanged, or a decreased voltage according to the knob setting. As long as you are using a 9vDC power supply (either a battery or a BOSS-type AC/DC adaptor at 9 volts), you are good to go.
- Can I daisy chain multiple effects from the output of the devolt? As long as the effects draw low current, you should be able to chain 2 or 3 effects. More than that is not recommended.
- Can I use power sources other than 9vDC? The devolt is designed and rated for 9vDC. You should be able to use 12vDC power sources, but do not go above that. Also note that the devolt is not designed for AC (alternating current).

Contact us!

If you have any questions or comments about the devolt or any other beavis audio research product, please contact dano@beavisaudio.com or visit our site: www.beavisaudio.com.