

Thank you for picking up a new Wren and Cuff pedal!

About your MKII Germanium

Your MKII fuzz is based on the “Bender” style fuzzers from the 60’s and 70’s.

Each pedal uses hand selected vintage germanium transistors and for convenience, the polarity has been “flipped” to accommodate, today’s effects power supplies.

What does that mean?

On most vintage Fuzz Face and Bender style pedals the circuits used a positive ground which makes them a bit of a pain to use with most modern effects due to the fact that the “industry standard” has become negative ground. If you don’t understand this and/or don’t care, then don’t worry about it. As long as you use a power supply intended for modern FX (Boss, Ibanez, VooDoo Labs, etc.), you’ll be fine.

So what does “Hand Selected Vintage” Transistors mean? That sounds like one of those things everybody says.

Well, that definitely is a pedal catch phrase these days, however, not all companies actually do this. Many simply rough sort groups of transistors, and estimate which will work for each pedal. Also, many transistors are not actually “vintage”, but reproductions that can be ok sometimes, but are not made using the old processes from back in the day.

The hand-sorted thing:

The transistors for your MKII have been tested, one at a time, in individual sets unique to each pedal. That way there is no hoping for a good pedal. Each one sounds fantastic and has been thoroughly tested to sound rich and warm every time.

A couple notes about your pedal: Germanium trannies can be heat sensitive. Generally, any normal fluctuations in temperature aren’t going to be a problem, hot rehearsal rooms, clubs, garages, etc. But if you were playing an outdoor festival in the summer, and your pedal was roasting in the sun for an hour before your set, then you may have issues. Same for an extremely cold environment. To ensure proper functioning outside, the solution is simple. Simply put your pedalboard in the shade, or if it must be in the sun, fold up a towel so it’s a couple layers thick, and cover the pedal until it’s time to play. Seems a little archaic, but it works!

Pre-Gain knob:

The “Pre-Gain” knob on your pedal is there to function in the same way as rolling the volume back on your guitar (a very popular way to use this style pedal). This allows you to dial in a smoother more over-drive style tone, without having to constantly ride the volume knob on your instrument. This control limits the signal going in to your pedal and has a different effect on the tone shaping than the “Fuzz” knob. Best is to find a sweet spot between the two knobs that gets it sounding the way you like it. FYI, the Pre-Gain turned all the way up (clockwise) is the traditional vintage sound.

*note, due to impedance differences on different guitars, you may get a bit more hiss or white noise when you roll this knob back. This is normal, and not indicative of a malfunctioning unit.

We hope you enjoy this unique and limited edition pedal made in the USA by your friends at Wren and Cuff!

Unit number: _____ Lovingly created by: _____

On the _____ day of _____ 20_____

