

# TUBE WORKS

## WARRANTY AND OWNER REGISTRATION

Your Shred Pedal is warranted for a period of **THREE FULL YEARS** against defects to the original, registered owner provided he/she has returned a completely filled-out **OWNER'S REGISTRATION CARD**.

This warranty covers parts and labor only; shipping charges remain the sole responsibility of the owner. Damage due to modification or abuse is excluded from this warranty. Before returning any unit for service, a **RETURNED MERCNANDISE AUTHORIZATION NUMBER (RMA)** must be obtained.

Manufacturer is not responsible for consequential or inconsequential damages resulting from any application or use of this product. Manufacturer and sales agents assume no liability or responsibility for safety or injury relating to the use of the Smooth pick pedal, and user agrees to hold manufacturer and designer harmless in this regard. This is the full extent of the warranty; no other warranties implied or intended.

For service and return authorization contact:

**TUBE WORKS**

7811 E. Pierce St. ■ Scottsdale, AZ 85257  
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[www.genzbenz.com](http://www.genzbenz.com)

## MODEL 310 Shred Mega Tube

You've just purchased the vintage tube overdrive pedal that started it all—Shred mega Tube! Please take a moment to look over this brochure, and be sure to send in the owner's registration and your comments.

Again from the leading innovator of modern tube overdrive, B.K. Butler, a major break-through in the classic 12AX7A tube sound. The ability of the Shred to be powered from a common 9-volt battery eliminator puts this pedal into your hands for under \$100.

Your new Shred pick pedal operates from the same type of battery eliminator as most of your battery-operated effects (9-volt DC 300mA Min.).

The best thing about your Shred pick pedal is that instead of bogus, cheap, solid state overdrive, you now have the fat, warm, searing real tube sound.

## Shred Mega Tube

### SPECIFICATIONS (For those who don't trust their ears)

VOLTAGE REQUIREMENT	: 9V DC, 200mA Min.
TUBE TYPE	: 12AX7/ECC83-Real Tube
INPUT IMPEDANCE	: 1 MEG. OHMS
DRIVE SENSITIVITY	: -65dBV (0.4 mV)
SIN RATIO	: 65 dB (Typical)
HUM & NOISE	: -75 dBV (Typical)
OUTPUT HAPEDANCE	: 10K OHMS (Typical)
OUTPUT LEVEL	: 0 dBV, .78 VRMS (Typical)
WEIGHT	: 3 lbs. shipping

### OPERATION

Plug in a battery eliminator (9-volt DC 200mA Min.) and allow the tube to "warm up" for about 15 seconds. Then plug your guitar into the "in" jack, and your amp to the "out". Set the Death, Dr. E.Q. and Riptide controls to where your ears feel good, and you're set. (The red LED shows the Shred Pedal is active).

### THE SHRED

The heart of your Shred is the favored pre-amp tube in the music industry, the 12AX7Z twin triode. The life is 2-4 years under normal use. We do not recommend any brand tube for replacement other than a genuine "Real Tube", as they are specifically matched and tested.

