

## Grantler Owner's Manual

### CIRCUIT/SOUND

The Grantler is a simple but versatile pedal based on a 1W power amp chip to simulate that special distortion only a saturated amp can deliver. The circuit was designed in the tradition of modern classics but with the trademark °red sun fx tweaks and twists to make it a great pedal with its own character and possibilities.

The PEGEL knob on the left controls the overall Master output of the power amp. GRANT on the right controls the preamp gain that will be passed on to the power amp and will also alter the sonic spectrum of the distortion.

There is an internal BEER dip switch that is set to ON (two Maß beer) when the pedal is delivered. Flipping it to OFF (one small beer) position will lower the available gain of the power amp by a factor of 10, so you can turn the pedal from a brutal distortion to a crunch channel in no time.

Attention: This circuit is LOUD - please start testing with „Pegel" set to 3 o'clock.

BTW: „Grantler" is a Bavarian term for a grumpy, sometimes older man who is usually sitting in beergardens and at the „Stammtisch"es in Munich and generally in southern Germany swearing and shouting about all kinds of thing that annoy him. If you happen to meet one of them, they will be like this pedal: loud & rude!

Note: All pots feature an extra high torque. This ensures you don't loose your settings on stage.

### ADDITIONAL INFORMATION

°red sun fx pedals are handmade in Germany as one-offs or as small batches. High quality is my standard. Email me for any questions or have a look at [www.redsunfx.de](http://www.redsunfx.de) .

### WARRANTY

°red sun fx carry a limited lifetime warranty for the original owner. This does not cover defects caused by wear of parts or misuse.

#### Returns:

The pedal must be returned within 10 days of the sale at the buyer's expense with all packaging and in immaculate as new condition. A copy of your receipt must accompany your return. Contact me FIRST before returning anything to get further instructions.

Send pedals to:  
Nicolas Hemmelmann  
Volkartstraße 66  
80636 München  
Germany

### TROUBLESHOOTING

1. Plug your guitar/bass into the jack on the right, your amp into the one on the left. No matter if the jacks are situated on the side or at the top of the pedal. For best results, I recommend TOASTER CABLES ([www.toastercables.com](http://www.toastercables.com)).
2. Is the pedal being powered correctly? A regulated 9VDC center-negative tipped adapter (BOSS\* type) is specified for my pedals.
3. If the power source and its related cabling is fine and you're still encountering issues, check your patch cables if there are other effects being used. Try isolating the pedal to see if it is having the same problem by itself – if it is behaving normally when isolated, it is likely a cabling or power supply issue or perhaps a reaction to another pedal in your effects chain.
4. A common noise problem can occur when mixing old positive ground (fuzz) pedals with modern negative ground types. In that case please use isolated power supplies for each pedal. I can recommend the STROMDING power supply to cover common voltages while offering 10 isolated outputs and a rechargeable battery ([www.stromding.de](http://www.stromding.de))

If you continue to have a problem, please let me know at [nico@redsunfx.de](mailto:nico@redsunfx.de)

\*Brand names of other manufacturers are only stated as a reference to describe the sound of the effect.  
°red sun fx is not affiliated with these companies or brands.