



Red Fuzz (Distortion) Instructions

Version 2017 November 17

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This is the Famous Red Fuzz, it should be famous to DIY stompbox builders anyway. It was posted decades ago on a website hosted by Robin Tomtlund. It is actually a distortion that was sort of mis-labeled, but back in those days there wasn't such a distinction between Fuzz, Distortion and Overdrive. Actually I still don't know the difference. At any rate, this is an awesome distortion pedal, similar to the Distortion Plus/DOD 250, but with the addition of a Rat-style tone control.

Use the project documents provided, starting with the General Build Instructions. Follow the layout diagrams to add components to the PCB and the wiring diagrams to hook it all up. There are photos in this document to give some ideas of the overall layout and wiring.

Comments and questions are welcome and can be sent to info@generalguitargadgets.com

Here is a chart of voltages taken at the IC pins. This information can be used to help you find and fix problems if your Red Fuzz doesn't work when you test it. These are approximate voltages, if yours are within one volt variance, you are probably okay.



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| Component | Location | Voltage |
|---------------------|----------|---------|
| 9 volt power supply | | 9v |
| IC1 | Pin 1 | 0.1v |
| | Pin 2 | 4.5v |
| | Pin 3 | 3.6v |
| | Pin 4 | 0v |
| | Pin 5 | 0.1v |
| | Pin 6 | 4.5v |
| | Pin 7 | 9v |
| | Pin 8 | 0v |



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Here's a look inside:

