

*User manual*

# ToneBug

*Fuzz*





## CONGRATULATIONS

on your purchase of Fuzz, part of our Tonebug series of effect pedals that combine gorgeous T-Rex tone, cool retro design, and affordable pricing.

Fuzz transforms the sound of your guitar and the music you make with a rich, creamy hyper-distortion you'll recognize from decades of classic rock, funk and other genres.

With exactly the controls you need and nothing you don't, Fuzz is simple to set up, add to your pedal board and use – night after night.

To make sure you get the most out of your Fuzz, be sure to read this brief user manual before getting started.

## TURN ON THE FUZZ!

### Using your Fuzz

1. Insert a 9V alkaline battery or connect to an electrical outlet using a T-Rex Fuel Tank power supply (not included).
2. Plug your guitar into the INPUT jack, and run a lead from the OUTPUT jack into your amp.
3. Use the FUZZ knob to determine how dirty you want your sound, and the LEVEL knob to set your overall output volume.
4. Use the TONE knob to experiment with the timber of your fuzzed sound, so it matches your set-up, the music you play, and your own personal taste.

## HOW IT WORKS

### Boost and clip

A fuzz box works similarly to an overdrive or distortion pedal, but it is far more extreme. It boosts your input signal until it clips so drastically that the guitar's natural sine wave output is transformed into something much closer to a square wave.

### A word of advice

You're going to love your T-Rex Fuzz, but remember that fuzz is only one type of distortion. For subtler effects, consider adding a T-Rex Overdrive and Distortion pedal to your rack. Also part of our affordable Tonebug range, these pedals will broaden your sonic palette with the full range of classic distortion effects.

## TECHNICAL SPECIFICATIONS:

Input Impedance @ 1KHz	Higher than 1 M Ohm
Output Impedance @ 1KHz	Lower than 1 K Ohm
Power supply	9V DC
Minimum Power supply Voltage	8,5V DC
Maximum Power supply Voltage	12,5V DC
Current Draw @ 9V DC	25 mA
Maximum input signal Vp/p	3,2 Vp/p
Battery Type	9V battery 6F22 Alkaline
Battery Life	8 to 12 Hours
External connectors	Input Jack. Output Jack, 9V DC Jack (center pin negative)
Controls	On/Off, Fuzz, Tone, Level
Depth	120 mm
Width	78 mm
Height	60 mm
Weight (excl. battery)	0,404 Kg

## T-REX WARRANTY CONDITIONS

T-Rex offers a 2-year warranty on all our products. In the unlikely event of a malfunction, please contact our technical support at [info@t-rex-effects.com](mailto:info@t-rex-effects.com) before sending us the product for repair. When the product has been sent to us at sender's cost, we will repair or replace your product and send it back to you - free of charge and usually within 3 weeks (shipping not included). The product needs to be accompanied by a copy of your receipt, serial number, return address, phone number, e-mail address and a brief explanation of the problem. Please note that we cannot replace a product until we have received it here in Denmark.

The warranty is lost if the product has been damaged by alteration, misuse, accident, or neglect; or if the product has been repaired or serviced by persons not authorized by T-Rex. Read more about warranty conditions at [www.t-rex-effects.com](http://www.t-rex-effects.com).

## ABOUT T-REX

Based in Vejle, Denmark, T-Rex Engineering makes classic and signature effects pedals for the world's best musicians. Our approach blends hi-tech innovation with old-world craftsmanship – always in the service of killer tone.

## EU REGULATIONS • ENVIRONMENT PROTECTION

T-Rex accepts and follows the regulations and directives issued by the EU. We find these environment protecting regulations very good, and we are happy to follow them.

ISSUED IN VEJLE 2011



Steen Meldgaard Laursen  
Managing Director



Lars Dahl-Jørgensen  
Development Director



Sebastian Jensen  
Production Director



**T-Rex Engineering ApS**

[www.t-rex-effects.com](http://www.t-rex-effects.com)