

User manual

ToneBug

Phaser





CONGRATULATIONS

on your purchase of Phaser, part of our ToneBug series of effect pedals that combine great-sounding T-Rex tone, premium retro design, and affordable pricing.

Phaser is a classic phase shifter that will bring your sound to life by adding dynamic, undulating colour to rhythm and lead parts. It's got all the controls you need and nothing you don't – and it delivers the incredible tubey vintage tone you expect from a T-Rex pedal.

Using Phaser couldn't be easier. Just turn the page to get started.

READY, SET, PHASE!

Using your ToneBug Phaser

Insert a 9V alkaline battery or connect to a T-Rex Fuel Tank power supply (not included).

Plug your guitar into the INPUT jack, and run a lead from the OUTPUT jack into your amp.

Use the RATE knob to set the speed of your modulation, and the DEPTH knob to choose how “heavy” you want the effect to be.

Try switching between Modern and Vintage modes to get the tone you’re looking for, and then set your overall output volume with the LEVEL knob.

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	8V DC
Maximum Power supply Voltage	12,5V DC
Current Draw @ 9V DC	75 mA
Maximum input signal Vp/p	2,5 Vp/p
Battery Type	9V battery 6F22 Alkaline
Battery Life	0,5 to 1 Hours
External connectors	Input Jack. Output Jack, 9V DC Jack (center pin negative)
Controls	On/Off, Rate, Modern, Vintage, Depth
Depth	120 mm
Width	78 mm
Height	60 mm
Weight (excl. battery)	0,404 Kg

SAMPLE SETTINGS:

FUNKY PHASE

RATE: 12 o'clock
DEPTH: 3 o'clock
MODE: Vintage

SLOW SWEEP

RATE: 8 o'clock
DEPTH: 5 o'clock
MODE: Vintage

LIGHT SHIMMER

RATE: 5 o'clock
DEPTH: 9 o'clock
MODE: Modern

MEDIUM MODERN

RATE: 11 o'clock
DEPTH: 1 o'clock
MODE: Modern



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 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.

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 2010



Steen Meldgaard Laursen
Managing Director



Lars Dahl-Jørgensen
Development Director



Sebastian Jensen
Production Director



T-Rex Engineering ApS

www.t-rex-effects.com