

Made by T-REX Denmark, 2006



Lars Dahl-Jørgensen  
Founder



Sebastian Jensen  
Founder



the

**FUEL Tank**  
Classic

Lars Dahl-Jørgensen  
& Sebastian Jensen  
Founder & Owner of  
T-Rex Engineering ApS



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

1<sup>st</sup> edition 2016



# CONGRATULATIONS

...on your purchase of the T-Rex FuelTank Classic.

Delivering a maximum of 500mA of current in three voltage sections (galvanically isolated), the FuelTank Classic allows you to power pedals that run on 9V DC, 12V DC or 12V AC.

## FEATURES

- Three isolated voltage sections, each delivering a maximum of 500mA
- Eight non-isolated outlets (daisy chain) for the 9V DC section, regulated
- One 12V DC outlet (2,1mm), regulated
- One 12V AC outlet (2,5mm)
- Selectable mains voltage operation (115/230V AC) for use in various countries

## HOW TO USE THE FUELTANK CLASSIC

### Mains power switch

This switch should be set corresponding to the mains voltage in the country you are in.

- Mains voltage 100-120V AC: 115 setting
- Mains voltage 220-240V AC: 230 setting

### IMPORTANT!

The internal fuse will blow if the wrong mains power is applied, in order to protect the circuit and to avoid short circuits. When going from one mains voltage to another (see above), the switch setting should be changed BEFORE applying mains power to the unit.

*Failure to do so will void the warranty.*

### Polarity of the pedals

Check your effects units to make sure that the polarity match those on the FuelTank power outlets.

The FuelTank is “center negative”, so all the pedals connected to it should have “center negative” polarity. (This only applies to the 9/12V DC sections).

A reverse polarity cable (available seperately) can be used for reverse polarity pedals ONLY when no “center negative” pedals are powered from the same section. **DO NOT** connect any DC powered pedals to the 12V AC outlet.

### Cables

The black cables should be used to power your 9/12V DC pedals.

If you need to power more than eight pedals from the 9V DC section or more than one from the 12V DC section, you can use the supplied link cable.

Please tape up any unused plugs to avoid short circuits.

The blue and the red cable are primarily for powering pedals from the 12V AC outlet (2,5mm plug), like the Line6 DL-4, MM-4.

## TROUBLESHOOTING

### No power (led off)

- Check the mains socket and the cable. Make sure everything works and that the plug is fully inserted.
- If you accidentally applied power with incorrect mains voltage setting, the fuse will have blown and you need to contact your nearest T-Rex dealer/repair tech for fuse replacement.
- You may have hooked up a reverse polarity pedal along with standard polarity pedals. This creates a short circuit and shuts down the power to the pedals. Check the pedals for polarity.

### Slight hum/noise coming from the amp's speakers

- You may be drawing more power than the unit can deliver. If disconnecting one (or more) pedals improve things, there is a good chance that the unit is overloaded.
- Some pedals (especially wahs) or cables can be sensitive to the electromagnetic field of the unit. Moving these pedals and/or cables away from the power supply can sometimes help.
- You may have a ground loop in your setup. If using the supplied link cable for the pedals does not help, you may need to isolate some pedals from others. Please contact us for more information.

### Humming sound from the unit

- This slight buzz is normal and is caused by the transformer. It is the unit's way of letting you know that it is turned on.



# TECHNICAL SPECIFICATIONS

Input mains voltage	Switchable 115V or 230V, 50-60Hz Mains stand by current 82 mA @ 115V Mains stand by current 42 mA @ 230V
Connections	8 x 9V DC output plugs, all sharing the same ground, giving a total of 500 mA  1 x 12V DC output with isolated ground, giving 500 mA  1 x 12V AC output with isolated ground, giving 500 mA
Dimensions (W x H x D)	160x38x80 mm / 6,3x1,5x3,2 inch
Weight (excl. packaging/cables)	0,800 kg/ 28,2 oz

## Included in the box

- FuelTank Classic power supply
- Mains cable (country specific)
- Blue cable (for AC powered pedals with a 2,5mm power inlet)
- Red cable (for AC powered pedals with a 2,1mm power inlet)
- 8 black cables (various lengths, for powering standard 9/12V DC, center negative pedals)

## 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 [service@t-rex-effects.com](mailto:service@t-rex-effects.com) before sending us the product for repair. Read more about warranty conditions at [www.t-rex-effects.com/service](http://www.t-rex-effects.com/service).



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## EU regulations and environment protection

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