

# BETAVIBE

## USER'S MANUAL



### **Congratulations on the purchase of your new T-Rex pedal**

*T-Rex grants a 2-year warranty against defective parts or workmanship.  
In the event of a defect, please contact the nearest T-Rex dealer.*

### **BETAVIBE**

The BetaVibe is an analogue Chorus/Leslie effect that has been specially developed to produce a warm modulating sound favoured by acoustic as well as electric guitar players.

To fully understand how the BETAVIBE works, please read the following guide that thoroughly describes all functions and parameters.

The MIX knob determines the amount of processed signal in the signal mix.

- In Minimum position only the direct signal is heard
- In Maximum position only the processed signal is heard.

The VOLUME knob sets the overall volume.

At maximum level, the signal is boosted approx. 3dB.

The DEPTH knob controls the depth of the modulation

In maximum position the sound is bend to an extreme almost pitch shift-like effect.

The SPEED knob controls the modulation speed.

The MODE button controls the works of the SLOW/FAST, TAP TEMPO footswitch.

The SLOW/FAST, TAP TEMPO footswitch has 2 functions:

- 1) TAP TEMPO (works only with the MODE button in “up”-position) enables you to tap the modulation speed while playing
- 2) SLOW FAST (works only with the MODE button in “down”-position) lets you increase or decrease the modulation speed fluently, -exactly like a real Leslie rotor. Press the footswitch and the speed will slowly increase to the setting of the SPEED knob, press the footswitch again and the speed will decrease to the slowest speed of the pedal.

The MIDI button controls whether the pedals should react on a MIDI signal (via the MIDI socket on the side of the pedal), or the pedal should react on manual settings on the SPEED knob and the SLOW/FAST, TAP TEMPO switch:

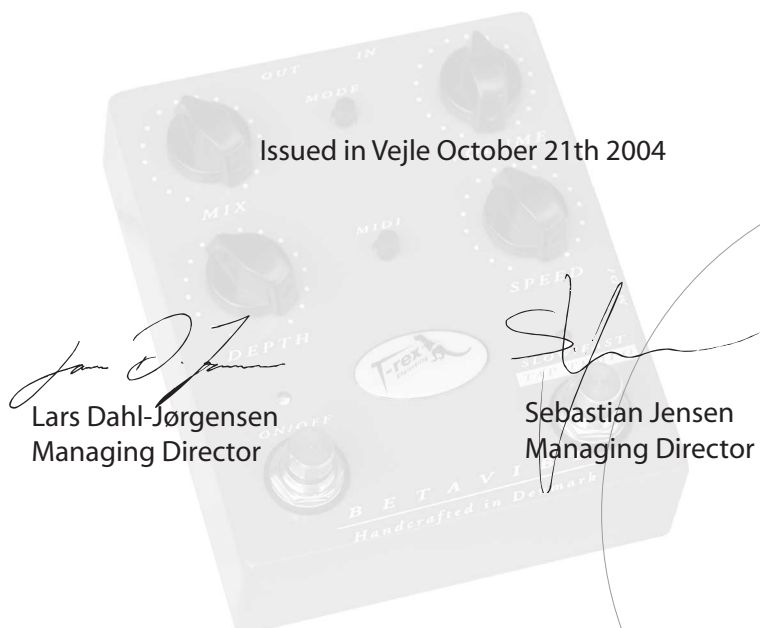
- In “up” position the BetaVibe acts as a typical floor pedal. Knobs and footswitches can be used
- In “down” position you can only via MIDI control following parameters:

- 1) TAP TEMPO (CTL. No. 22)
- 2) SPEED EXPRESSION PEDAL (CTL. No. 01)

In “down” position the SPEED knob and the SLOW/FAST, TAP TEMPO footswitch is deactivated. The modulation speed is only controllable via MIDI.

- 3) ON/OFF (BYPASS) (CTL. No. 23)

Controls:	MIX, VOLUME, DEPTH and SPEED.
Modes:	MODE and MIDI
External control:	MIDI IN
Connections:	INPUT-Jack 6,3 mm. OUTPUT-Jack 6,3 mm.
Power supply:	The pedal needs 12 volt AC. It has an internal power supply dependant on the electricity in a given country: 100, 115 or 230V AC/50-60Hz
Effect usage:	100 mA. 3,7 Watts
Weight:	750 gram packed in box



# REPLICA

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### **REPLICA**

The Replica has been specially developed to produce cool digital studio delay and the vintage warmth of all-tube echo with the convenience of one pedal. Usually a delay pedal is placed at the end of a string of effects.

The IN -plug accepts a guitar signal or a line signal (-10 dB semi professional equipment). So you can use the pedal in a studio for vocals, which many musicians do.

The DIRECT -plug on the top side is an output plug. The signal is sent directly through the pedal to the DIRECT plug without disturbance. You can use this plug to:

- send the signal to a tuner
- send the signal to an extra amplifier and get a stereo like sound, when playing two amplifiers
- make a retro sound. You send the delayed signal using the OUTPUT plug to a stereo simulator, that sends the stereo signal to two amplifiers. You connect a third amplifier using the DIRECT plug. Retro sound!

The ECHO -knob determines the amount of processed signal in the signal mix.

- In minimum position only the direct signal is heard
- In maximum position only the delay (processed signal) is heard

The LEVEL -knob sets the overall volume.

At maximum level, the signal is boosted approx. 3dB.

The REPEAT -knob controls the number of repetitions of the delay signal.

- In minimum position the delay signal is only repeated once
- In maximum position the delay signal is repeated to almost infinity

The TEMPO -knob sets the delay time. When power is connected to the pedal, it reads the setting of the TEMPO knob, which determines the delay time until adjusted using the knob or the TAP TEMPO switch. Minimum delay time is approx. 12 milliseconds. Maximum delay time is approx. 1500 milliseconds. The LED indicator below the TEMPO inscription indicates the delay time. When the TEMPO -knob is turned while playing, the delay signal is muted.

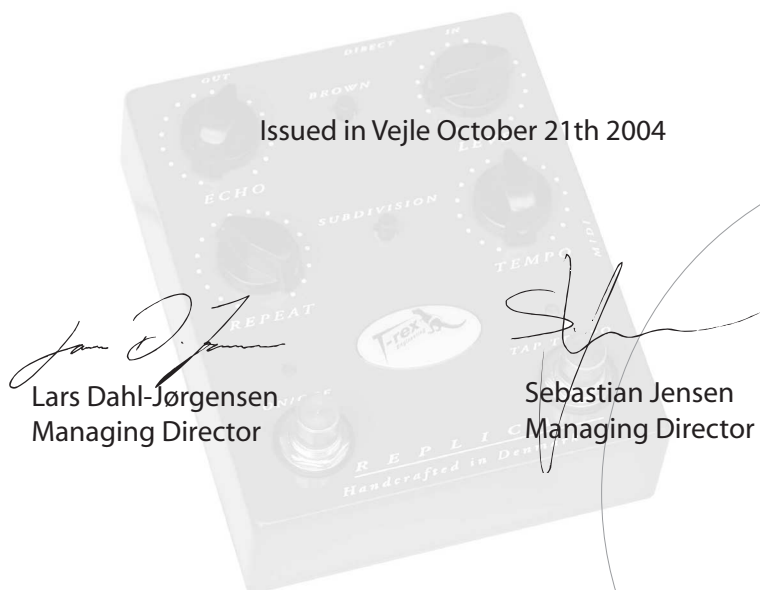
The TAP TEMPO -footswitch enables you to tap the delay time while playing. Just hit it twice.

The SUBDIVISION -button generates quarter-note triplets of the tapped or dialled-in tempo. First you hit the button, then you tap the beat on the TAP TEMPO switch. When the beat of a song goes 1-2-3-4, the echo goes 1-2-3. That's called triplets. That'll keep the echo of the guitar a lot clearer. It is easier to hear this SUBDIVISION function using a drum machine keeping the beat 1-2-3-4.

The BROWN -button is a High-Cut filter that alters the tone of the repeats. The result is a warmer, smoother delay sound reminiscent of the tone of a 60's era tape echo.

The MIDI - socket allows you to control following:  
TAP/TEMPO (CTL. No. 20), ON/OFF(Bypass) (CTL No. 21)

Size:	Box 100x120x35mm + Switches/knobs on top 16mm + Knobs on bottom 3mm
Controls:	ECHO, LEVEL, REPEAT and TEMPO.
Modes:	SUBDIVISION and BROWN
External control:	MIDI IN
Connections:	INPUT-Jack 6,3 mm. OUTPUT-Jack 6,3 mm. DIRECT OUTPUT-Jack 6,3 mm.
Power supply:	The pedal comes with an external power supply giving 12 volt AC and 300 mA. The power supply runs on 100/115/230V AC/50-60Hz dependant on country.
Effect usage:	12 volt AC, 300 mA, 5 Watts
Weight:	727 gram packed in box + power supply packed in box 275 gram



# DR. SWAMP

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### **DR. SWAMP**

Dr.Swamp is a double distortion pedal. It has that rich vintage sound, T-Rex is known for. Besides the warm crunchy sound, this pedal gives a lot of steady bottom.

You can flip back and forth between the two gain settings A and B - by clicking switch A or B.

The lid (A or B) is indicating the active gain. The pedal is turned off, by clicking the switch (A or B) that is lid.

The GAIN A knob controls the amount of distortion, when using switch A.

The GAIN B knob controls the amount of distortion, when using switch B.

The LEVEL knob sets the overall volume. In mid-position (twelve o'clock) the volume level is 1:1. When turned full over (clockwise) the input signal is boosted 15dB.

The TONE knob affects the top end (edge) of your signal without compromising sonic quality, allowing you to dial in the perfect tonal flavour for you taste.

Controls: GAIN A, GAIN B, LEVEL and TONE

Connections: INPUT-Jack 6,3 mm. OUTPUT-Jack 6,3 mm.  
DC-Jack 2 mm. pin.

Power supply: 9-12 Volt DC or battery 9 Volt Alkaline. When using a Power Supply, you don't have to put in a battery.

Effect usage: 20 mA

Weight: 500 gram packed in box

Open the battery-cover on the back using a flat-tipped screwdriver in the slot. Remember to position the battery correctly.

# ALBERTA

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### **ALBERTA**

Alberta is a distortion pedal that delivers a creamy, yet crunchy sound with a smooth mid-range boost.

The GAIN knob controls the distortion amount.

The LEVEL knob sets the overall volume.

The TONE knob affects the top end (edge) of your signal without compromising sonic quality, allowing you to dial in the perfect tonal flavour for you taste.

Controls:	GAIN, LEVEL and TONE
Connections:	INPUT-Jack 6,3 mm. OUTPUT-Jack 6,3 mm. DC-Jack 2 mm. pin.
Power supply:	9-12 Volt DC or battery 9 Volt Alkaline. When using a Power Supply, you don't have to put in a battery.
Effect usage:	20 mA
Weight:	500 gram packed in box

Open the battery-cover on the back using a flat-tipped screwdriver in the slot. Remember to position the battery correctly.

# TREMSTER

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### **TREMSTER**

Tremster is an effect that imitates the buttery seductive tone from a vintage tube amp tremolo/vibrato.

The MODE -button allows you to switch between Tremolo an Vibrato effect.

The tremolo effect works like a repeatedly radical change in volume

The vibrato effect has a more subtle volume change.

The DEPTH -knob controls the depth of the volume-oscillation.

The VOLUME -knob sets the overall volume

In mid-position (twelve o'clock) the volume level is 1:1. When turned full over (clockwise) the input signal is boosted 15dB.

The SPEED -knob determines the oscillation speed.

Controls: MODE, DEPTH, VOLUME and SPEED.

Connections: INPUT-Jack 6,3 mm. OUTPUT-Jack 6,3 mm.  
DC-Jack 2 mm pin. Center is minus (ground)

Power supply: 9-12 Volt DC or battery 9 Volt Alkaline. When using a Power Supply, you don't have to put in a battery.

Effect usage: 20 mA

Weight: 499 gram packed in box.

Open the battery-cover on the back using a flat-tipped screwdriver in the slot. Remember to position the battery correctly.

# MUDHONEY

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### **MUDHONEY**

The Mudhoney is a booster/distortion pedal that covers most of your demands when rhythm/solo sound is concerned.

The BOOST button switches between moderate- and high gain.

The GAIN knob controls the distortion amount.

The LEVEL knob sets the overall volume

In mid-position (twelve o'clock) the volume level is 1:1. When turned full over (clockwise) the input signal is boosted 15dB.

The TONE knob affects the top end (edge) of your signal without compromising sonic quality, allowing you to dial in the perfect tonal flavour for you taste.

Controls: BOOST, GAIN, LEVEL and TONE

Connections: INPUT-Jack 6,3 mm. OUTPUT-Jack 6,3 mm.  
DC-Jack 2 mm. pin.

Power supply: 9-12 Volt DC or battery 9 Volt Alkaline. When using a Power Supply, you don't have to put in a battery.

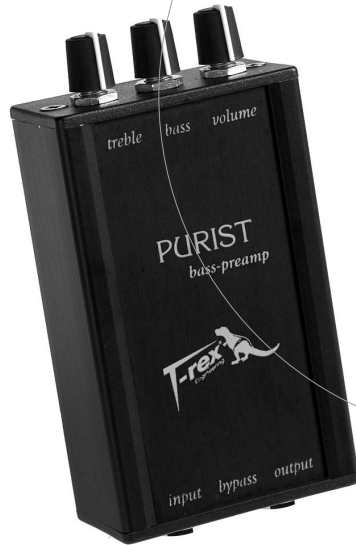
Effect usage: 20 mA

Weight: 500 gram packed in box

Open the battery-cover on the back using a flat-tipped screwdriver in the slot. Remember to position the battery correctly.

# PURIST

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### **PURIST**

The T-Rex PURIST is a small low noise, high quality outboard bass preamplifier, that really enhances your tone. Just plug your bass into the PURIST and then go from the PURIST to your amplifier/or to a board. The PURIST has a clip that goes in your belt. Easy.

The PURIST is recommended for:

- all passive basses
- basses with active pickups and
- instruments that have active electronics, that can be bypassed

It also works great with all upright bass pickups.

The TREBLE knob is boost only. Flat response is with the control at complete counter clockwise position.

The BASS knob is boost only. Flat response is with the control at complete counter clockwise position.

The VOLUME knob controls the volume.

The BYPASS button activates or bypasses the PURIST. With the button released, the PURIST is bypassed.

If you are using a small amplifier, excessive signal boosting might overload the preamp stage of the amplifier, causing distortion or clipping. In this case, use the VOLUME control on the PURIST to reduce the gain input to the amplifier.

Controls:	TREBLE, BASS, VOLUME and BYPASS
Connections:	INPUT-Jack 6,3 mm. OUTPUT-Jack 6,3 mm.
Power supply:	9 Volt Alkaline battery.
Battery Life:	800 Hours
Effect usage:	5 mA
Weight:	305 gram packed in a box
Total Harmonic distortion:	0,1% at 1 KHz
Frequency Response:	8 Hz to 55 KHZ
Bass Control:	+13dB at 40 KHz
Treble Control:	+13 dB at 5 KHz

To change the battery:

- Remove the screws on the bottom by the INPUT/OUTPUT sockets.
- Remove the front plate by pushing/sliding it backwards.
- Remove the battery and replace it with a new one. (Preferable Alkaline 9 Volt battery)

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# COMPNOVA

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### **COMPNOVA**

The T-Rex CompNova is a compression effect pedal. It's a useful tool for soundshaping. It "evens out" the irregularities in your signal by lowering high-input signals while boosting low-input signals, giving you smooth sustain without degrading the clarity and dynamics of the original sound.

Place the CompNova anywhere in your effects-chain, it's all a matter of taste.

The COMP -knob determines the compression amount.

The ATTACK - knob controls the sensitivity - how much of the signal will be compressed.  
The LEVEL knob sets the overall volume. At max. level the signal is boosted approx. 3dB.

Controls:	COMP, ATTACK, and LEVEL
Connections:	INPUT-Jack 6,3 mm. OUTPUT-Jack 6,3 mm. DC-Jack 2 mm. pin.
Power supply:	9-12 Volt DC or battery 9 Volt Alkaline. When using a Power Supply, you don't have to put in a battery.
Effect usage:	20 mA
Weight:	376 gram exclusive battery. 455 gram packed in box.

Open the battery-cover on the back using a flat-tipped screwdriver in the slot. Remember to position the battery correctly.