

USERMANUAL

# MAGNUS

EFFECTBOARD



## 5 EXCLUSIVE PEDALS IN 1 AMAZING BOARD

Congratulations on your purchase of MAGNUS – a unique pedal board that brings 5 of our classic boutique pedals together in a single, easy to use and carry package.

MAGNUS gives you 5 effects - overdrive, a distortion box, a delay, a reverb pedal and a boost, and then lets you control, combine and store a whole repertoire of classic guitar sounds.

MAGNUS probably packs more sonic value into a single board than any other on the market. And the better you get to know it, the more it will give you in return.

This manual will familiarize you with all MAGNUS' great features and controls. Be sure to look through it before getting started with your board.



## THE PEDALS

The MAGNUS board contains 5 separate pedals, all turned on and off using the numbered footswitch beneath each pedal. From left to right, they are:

**OVERDRIVE** – A creamy overdrive pedal with 4 controls. The OVERDRIVE knob controls the amount of overdrive, while the BLEND knob lets you mix clean tone in with your overdrive. The TONE knob lets you adjust your tone, and LEVEL controls the pedal's overall volume.

**DISTORTION** – Heavier or “fuzzier” than OVERDRIVE, but the controls are similar. DISTORTION controls the degree of distortion, TONE lets you adjust your tone, and LEVEL controls the pedal's overall volume. Instead of the OVERDRIVE's BLEND knob, DISTORTION gives you a PRESENCE control that can add a British edge to your sound.

**DELAY** – A beautiful sounding “echo” effect. DELAY gives you everything from a rockabilly slap-back to a space rock freak-out. The DELAY knob controls the strength of the “echo”, while FEEDBACK determines how many repetitions you get. The TIME knob controls how fast or slow the repeats come, and TONE colours the tone of the delay.

In the right-hand section of your MAGNUS board, the TAP footswitch is also part of your DELAY effect. TAP at least 3 times to the rhythm of the song you're playing, and your DELAY's TIME setting will sync with the beat.

**REVERB** – For that live sound you can normally only get playing in a bigger room. The REVERB knob controls volume of the reverberations, DECAY controls how long they last, and TONE controls tone of the Reverb..

The MODE knob helps you get started by selecting a choice of 4 basic reverb settings, known as “room types.”

*They are:*

- **SPRING:** A short spring reverb with low decay settings, a long spring reverb with high decay settings.
- **ROOM:** Classic room reverb for an adjustable touch of live vibe.
- **HALL:** Gorgeous concert hall reverb you can adjust as you like.
- **LFO:** Reverb embellished with chorus, perfect for acoustic guitar.

**BOOST** – To give you a shot of extra volume when you need it, the adjustable BOOST pedal delivers up to 14dBs of extra volume. By adjusting the boost knob on the back of the unit, you can preset the amount of boost you'd like the pedal to deliver.

## TUNER MODE

In the right-hand section of your MAGNUS board, you'll find some additional controls. The first of these (in the top left of this section of the board) is the TAP/TUNE footswitch.

As described under DELAY, the TAP/TUNE footswitch is used to tap along to sync your delay time to the beat of the song you're playing.

To enter TUNER MODE, hold the TAP footswitch down. In this mode, the board is muted and the tuner at the top of right of the pedal is activated. To exit tuning mode, hit any button.

## LIVE & PRESET MODES

Your MAGNUS board has two operating modes—Live and Preset. You can toggle between them using the LIVE/SAVE footswitch.

### LIVE MODE

In Live Mode (red light on), you can turn your 5 effects on and off independently as if they were 5 separate pedals. Each effect has its own footswitch (1–5) and ON/OFF light.

### PRESET MODE

In Preset Mode (red light off), you can call up one of 10 preset combinations of effects. These are stored in 2 preset banks (5 presets in the “red” bank, and 5 presets in the “green” bank).

MAGNUS comes with 10 pre-programmed presets (see pages 8-11), but you can program your own.

*Note that in Preset Mode, the numbered footswitches (1-5) no longer turn on/off individual effects. Instead, they call up the presets stored within the selected bank.*

### SELECTING PRESETS

To select a preset combination of effects, hit the LIVE/SAVE footswitch to enter Preset Mode (red light off). Toggle the BANK footswitch to select a preset bank (red or green). Then hit one of the numbered footswitches (1-5) to select a preset.

### PROGRAMING PRESETS

To program a preset, hit the LIVE/SAVE footswitch to enter Preset Mode (red light off). Then toggle the BANK footswitch to select the bank (red or green) you’d like to store your first preset under.

Next, hit one of the numbered footswitches to select the Preset you wish to program. For example, hit footswitch 1 to program Preset 1. The light next to the footswitch 1 will come on, and you are ready to select and save a combination of effects as Preset 1.

Hold down the LIVE/SAVE footswitch for 2 seconds (until the light blinks). Then use footswitches 1–5 to choose the combination of effects that you wish to save as Preset 1. You can see which pedals are on by the ON/OFF light next to each pedal.

To complete the save, simply hit the LIVE/SAVE footswitch again. The Preset is now saved, and you are now back in Preset Mode. Repeat the process to program all 10 presets.

*Note: Only the combinations of effects can be programmed as presets. The control settings for individual effects are not saved.*

## INS AND OUTS

Hooking your guitar and amp up to MAGNUS is easy. Just plug your guitar into the INPUT jack and your amp into the left OUTPUT jack. Use the stereo OUTPUT jacks if you want stereo output (ideal for studio, etc).

## PRE-INSTALLED PRESETS

Your Magnus comes with 10 pre-programmed presets. The following diagrams illustrate which effects are activated in each of the 10 pre-programmed presets, as well as the recommended control settings for each effect.

See page 6 for LIVE & PRESET MODE.

### SOUND 3 GREEN BANK - "Ambient Crunch"



### SOUND 4 GREEN BANK - "Blues"



### SOUND 5 GREEN BANK - "Classic rock"



### SOUND 1 GREEN BANK - "Fat & Crunchy"



### SOUND 2 GREEN BANK - "Great distortion"



SOUND 1 RED BANK - "Over the top"



SOUND 4 RED BANK - "U2"



SOUND 2 RED BANK - "Jazz"



SOUND 5 RED BANK - "Van Halen"



SOUND 3 RED BANK - "Slapback"





OVERDRIVE

DISTORTION

DELAY

REVERB

MAGNUS

T-REX

OUTPUT L

OUTPUT R

BOOST

OVERDRIVE

LEVEL

DISTORTION

LEVEL

DELAY

TONE

REVERB

TONE

TAP

LIVE

SAVE

BLEND

TONE

TONE

PRESENCE

FEEDBACK

TIME

DECAY

TUNE

5

BANK

1

OVERDRIVE

2

DISTORTION

3

DELAY

4

REVERB

5

REVERB

DC 12V

INPUT

TECHNICAL SPECS	
Input Impedance @ 1KHz	Higher than 1M Ohm
Output Impedance @ 1KHz	Lower than 1K Ohm
Power supply	12V DC
Minimum Power supply Voltage	11,5V DC
Maximum Power supply Voltage	12,5V DC
Current Draw @ 12V DC	360mA
Maximum input signal Vp/p	3Vp/p
External Power supply included	12V DC minimum 500mA Center negative
External connectors	Input Jack, Output Jack left, Output Jack right, 12V DC jack
Pedal size incl. knobs (WxHxD)	445 x 60 x 150 mm / 17,5 x 2,4 x 5,9 inch
Weight excl. power supply and packaging	1,8 kg / 63,49 oz

#### T-REX WARRANTY CONDITIONS

T-Rex Effects offers a two-year guarantee on all our products. In the unlikely event of a malfunction, please go to <http://www.musiquip.com/warranty.html> for warranty and service information.

#### 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.

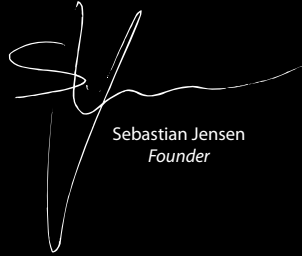




ISSUED IN VEJLE, SPRING 2013



Lars Dahl-Jørgensen  
*Founder*



Sebastian Jensen  
*Founder*



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