

# Gekko — Space-Boost/Echo

## Owner's Manual

Thanks for choosing Gekko. Please read this document to get the best use and joy of this Swedish Space-Boost/Echo.

### External controls:

**Volume:** Output level. Start at 12 o'clock to get a volume similar to when the effect is bypassed. Clockwise gives more!

**Wobble:** 2 way toggle switch. ON (left) gives a 'subtle' wobble/time/modulation effect, depending on the playing velocity/echo repeat level (=more sensitive on the lighter strings).

**Repeat:** Delay/echo repeats. 1 (min) to infinite/crazy oscillation (max)

**Glaze:** Delay/repeats character 3 position\*\*\* toggle. Try out\*\*\* for yourself what is best suited for your case(s)

**Mix:** Drive/distortion control. Start at 10-12 o'clock. Clockwise gives more

**9-12V DC:** External DC adapter. Standard 2,1 mm barrel jack, 9-12 volt regulated DC with centre-pin negative (BOSS standard). *The Himmelstrutz pedals are designed to be used with straight power cable plugs. Right angle plugs may not make a secure connection and are not recommended.*

**IN:** Connect your instrument or the previous effect pedal "Output" here

**GIMME:** Effect ON/OFF push switch\*. True mechanical (not electronic) bypass. ON is indicated with a magical, blue LED

**Delay:** Delay time, approx. 40-60 mS (min) to 500-700 mS (max).

**Sensor:** Delay time/modulation Sensor\*\* which reacts to the light in the room. If the light variations are large and this might affect the sound 'too much', use the included black piece of "Sensor cover" to cover the Sensor

**OUT:** Connect your amplifier or the next effect pedal "Input" here

**Wobble switch set in position right gives lower minimum delay times, approx. 40 instead of 60 mS.**

**Wobble switch set in position left gives higher max delay times, approx. 600 instead of 500 mS.**

**\*\* The Sensor is covered with a thin tape, painted with a semi transparent marker pen (red/blue/green colours). If you want the Sensor to be more sensitive/active, it's up to you to remove the default tape/colour and replace with your own, probably in lighter colour(s). If you want the Sensor less sensitive, use darker colours or the included "Sensor cover" to completely cover the Sensor (=inactive).**

**\* The push switch in Gekko is not as stiff as the ones you might be used to. Now you can play barefoot without hurting your little toes.**

**\*\*\* The middle position may seem sharp/ noisy in some cases (when playing alone)—which on the other hand can work really well in a mix/band situation!**

### Gekko tips & tricks:

It might take some time to get a grip about all possibilities in this pedal. We encourage you to try several different combinations of the outboard control setting as each will impart its own unique character on your tone. The **Glaze** toggle switch for example, which offers 3 characters of the delay/repeats, may sound/feel totally different in different situations/guitar only/in a band mix situation. We also recommend you to try an overdrive pedal—the **Fetto!**—before or after Gekko. Our wish is that you'll get a pleasant Gekko-ekko-kko-ko-oii experience!

Every pedal is 100% handmade, tested and carefully adjusted by the original designer in Sweden. If you happen to remove the bottom plate and find some internal controls (page 2), remember these parts are *not* meant to be adjusted regularly by the user—because of functional/warranty reasons. More information about Gekko, and collaborating products, is available at [www.himmelstrutz.com](http://www.himmelstrutz.com).

- As the power consumption in Gekko is high (compared to most other Himmelstrutz' pedals) it cannot be used with a battery, as this would last only for one or a few hours. Our recommendation is to use a high quality power supply (optional)—preferable with isolated outputs to avoid sound interferences with other units! Himmelstrutz Elektro Art do recommend [www.voodoolab.com/pedalpower\\_2.htm](http://www.voodoolab.com/pedalpower_2.htm)
- If you play loud use ear protection. It's easy to forget, but, yo, not a splendid idea in the long run.
- Power OFF Gekko when not using it—to help saving all our power and environment!
- Don't forget to have fun and make some music, with ear protection if needed.

Good luck!

Joakim Hedeby, Himmelstrutz Elektro Art, Sweden

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## The Details

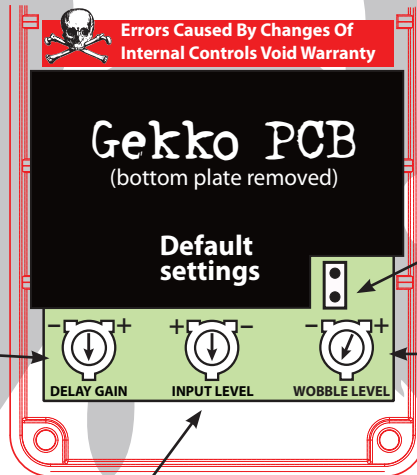
### Internal



**NB: DO NOT CHANGE ANY INTERNAL SETTINGS UNLESS YOU KNOW EXACTLY HOW, WHAT & WHY YOU ARE DOING IT!**



To adjust the trimmers a very small screw driver is needed (< 2 millimetres)!



**DELAY GAIN:**

Trimmer.  
Turning counter clockwise increases the gain/drive of the delay amplifier stage, which means if set high (counter clockwise) overdrive/distortion in the delay repeats could occur. This may be loved by some guys while it's simply disgusting for others!

**INPUT LEVEL:**

Trimmer.  
This control adjusts the input sensitivity, from instrument levels to line levels. Turning clockwise gives a higher input level—which means when “improperly” set, audio distortion/interferences can occur. This may be perfect for some effects/music styles and in other situations all ‘off-piste’

**DRY ON/OFF:**

Jumper.  
**ON** / 2 pins enabled (default) enables both the “direct” and the “effect” audio.  
**OFF** (jumper lifted) disables the “direct” and only the “effect” audio is ON (all wet)

**WOBBLE LEVEL:**

Trimmer.  
Counter clockwise gives a more prominent wobble effect. **Note:** the wobble effect is always more apparent/effective on shorter delay settings (Delay knob below 12 o'clock)

### Application example

