

Under Over — Multi Harmonic Booster

Owner's Manual

Thanks for choosing *Under Over*. Please read this document to get the best use and joy of the one and only Multi Harmonic Booster in your neighborhood.

External controls:

Under:

Bass control, +/- 9 dB at 100 Hz. Start around 12 o'clock (neutral) and adjust at your taste. Clockwise will give a bass boost, counter clockwise will give a bass cut.

Over:

Mid control +/- 9 dB at 900 Hz. Start around 12 o'clock (neutral) and adjust at your taste. Clockwise will give a mid boost (hump), counter clockwise will give a mid cut (scoop).

& Out:

Volume control, 0-30 dB. Start fully counter clockwise and turn clockwise to boost your amp or overdrive pedal. NB: On high settings some distortion may occur.

OUT:

Connect your amplifier here.

5-18V DC

External DC adapter. Standard 2,1 mm barrel jack, 5-18 volt regulated DC with center-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 here.

GIMME:

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

* The push switch in *Under Over* is not as stiff as the ones you're probably used to. If you're a girl who prefer to play without clothes and shoes this must be good news.

Under Over 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 settings as each will impart its own unique character on your tone. Also, try to adjust the volume control of your guitar and you will see how flexible and responsive *Under Over* is. Why not also try a distortion box (FETTO) before or after *Under Over*! Our wish is that you'll like the *Under Over* 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 internal controls, remember these parts are *not* meant to be adjusted by the user—because of functional/warranty reasons. The "Treble" trimmer is a Set & Forget thing.

More information about *Under Over*, and collaborating products, is available at www.himmelstrutz.com.

- Even though the power consumption is low (3-4 mA) the battery needs to be replaced when the LED gets weak or if the tone changes. To change the battery, unscrew the four screws on the bottom plate, bring out the old 9 volt battery (6LR61) and replace it with a new. Then attach the bottom plate with the four screws. Never use *Under Over* without the bottom plate!
- If you play loud, always use ear protection. It's easy to forget, but in the long run not a good idea!
- Unplug the input cord when not using the pedal—if powered by a battery—to save the battery (and environment).
- Do your best to have fun, with ear protection if needed.

Good luck!

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