

THE SPELL

Boost



USER'S MANUAL 1.0

Olsson

Important Safety Instructions

- 1 Read these instructions.
- 2 Keep these instructions.
- 3 Heed all warnings.
- 4 Follow all instructions.
- 5 Do not use this apparatus near water.
- 6 Clean only with dry cloth.
- 7 Do not install near heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 8 Refer all servicing to qualified service personnel.

Service is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

Warning!

- To reduce the risk of fire or electrical shock, do not expose this equipment to dripping or splashing and ensure that no objects filled with liquids, such as vases, are placed on the equipment.
- Do not install in a confined space.

Service

- All service must be performed by qualified personnel.

Caution:

You are cautioned that any change or modifications not expressly approved in this manual could void your authority to operate this equipment.

When replacing the battery follow the instructions on battery handling in this manual carefully.

Congratulations

on your purchase of "The Spell Booster", a transparent clean boost pedal with an special designed midrange control. As a clean boost, it can enhance other pedals, such as overdrive and distortion pedals. With it's mid range and high cut controls you can refine the sound from a harsh pedal or you can get scooped midrange sounds from a non scooped amp. You can also increase the mid to get a mid scooped amp work much better with your overdrive or distortion pedal. With The Spell Booster you will have a lot of possibilities to enhance your sound.



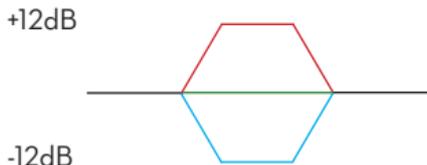
- 1 - Output jack
- 2 - LED indicator
- 3 - Midrange control
- 4 - Power in (9V DC)
- 5 - Boost control
- 6 - High Cut switch
- 7 - Input jack
- 8 - Effect On/Off (**true bypass**)

The controls

Your The Spell Booster has three controls:

The **Boost** knob adjusts the amount of boost from 0-22dB with the mid control in the FLAT position.

The **Mid** knob controls the amount of mid range ($\pm 12\text{dB}$).



The High Cut switch has three positions 2-FLAT-1. When set in flat position it will not affect the sound at all. In position 1 you will have a slight cut of the high frequencies and in position 2 the cut will be more noticeable.

Note

At higher boost levels or a combination of boost and high mid levels, The Spell itself will add some overdrive tones to the output signal.

Connecting

Input jack - 1/4 inch mono jack input. If you run the pedal on battery, we recommend removing the input jack to preserve battery power when you don't play.

Output jack - 1/4 inch mono jack output for connecting to another pedal or directly into an amp or mixer.

Power in - use a 9 V DC power supply with the following symbol:



Installing or changing battery

Unscrew the four screws on the back of the pedal and detach the back-plate. Demount the old battery and attach the new making sure the polarity is correct. Then remount the back-plate. To save battery life, remove the input jack when you don't play.



Batteries must never be heated, taken apart or thrown into fire or water. Only rechargeable batteries can be recharged. Remove the battery when the pedal is not being used for a longer period of time. Dispose batteries according to local laws and regulations.

Specifications	
Input impedance @1kHz	1M Ω
Output impedance @1kHz	1k Ω
Power supply	9V DC
Max current @9V	10mA
Battery type	9V 6F22
Controls	Boost (0-22dB), Mid (\pm 12dB) and Hi Cut
External connectors	Input jack, Output jack and DC jack
Pedal size incl. knobs (W x H x D)	69mm x 46mm x 112mm / 2.72" x 1.81" x 4.41"
Weight excl. battery and packaging	225g / 7.93 lbs

Due to continuous development, these specifications are subject to change without notice.

EU regulations

Olsson Amps follows the regulations and directives issued by EU.



Warranty conditions

Olsson Amps offers a 3-year warranty on all our pedal products. In the unlikely event of a malfunction, please contact our technical support at service@olssonamps.com before sending us the product for repair. After sending us the product at senders cost, we will repair the product and return it back to you as soon as possible. The return shipment is free of charge.

The product needs to be accompanied by a copy of your receipt, return address, phone number, e-mail address and a brief explanation of the problem.

The warranty is not valid if the product has been damaged by alteration, misuse, accident, or neglect; or if the product has been repaired or serviced by persons not authorized by Olsson Amps.

Pedal chain order 1

When used after another pedal, the Spell will increase the volume proportionally with the boost and/or mid control. In this scenario you can also use The Spell to change the tone produced by the pedal in front of it. Use the Hi Cut to make this pedal less harsh and the Mid control to adjust its mid range response.

Pedal chain order 2

When used in front of an overdrive/distortion/fuzz or amp The Spell will push it to produce more distortion when increasing the boost level. Every amp or dirt pedal reacts different when pushed (some even don't like it all). If the sound gets muddy with more boost, add some mid, and if it gets harsh use the Hi Cut switch to tame it. The volume increase will depend on how much the other pedal compresses the signal. Our The Wizard Overdrive can be pushed really hard and works excellent for this purpose.

Pedal chain order 3

With The Spell last on your pedal board you can use it as a buffer with the possibility to adjust the important mid range depending on the amp you have at a specific time.

This is very useful when playing with different back lines from time to time. If you got a mid scooped amp, just increase the mid and your pedals will work as intended, or vice versa.

Pedal chain order 4

With The Spell in the beginning on your pedal board you can use it to compensate for different kind of pickups. Use the Mid control to set the tone, and the boost to compensate for level loss. You will be amazed of what you can do with your tone when used in this way.



1. Unity gain

With this setting you will have unity gain and a clean tone.



2. Just boost

Keep the Mid and High Cut in the flat positions and increase the boost control to desired level.

EXAMPLE



3. Mid boost

Increase the Mid control and adjust the boost control to desired level.



EXAMPLE

4. Mid scoop

Decrease the Mid control and adjust the boost control to desired level.

Note that you must increase the boost control a bit to get unity gain.



5. Fix a harsh pedal with too much mid

Place The Spell after the harsh pedal. Decrease the mid control and set High Cut to position 2. This will reduce the mid a bit and reduce the harsh sound.

EXAMPLE



6. Fix a harsh pedal with not enough mid

Place The Spell after the harsh pedal. Increase the mid control and set High Cut to position 2. This will add some mid and reduce the harsh sound.

About Olsson Amps

Based in Stockholm, Sweden, Olsson Amps makes guitar tube amplifiers and effect pedals with highest quality and killer tone.

All products are hand made in Sweden.

The logo for Olsson Amps is centered within a dark grey rounded rectangular background. The word "Olsson" is written in a white, elegant, cursive script font.

Olsson

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