

## Driving other pedals

The output impedance of the ClinchFX Burnish Boost is low enough to drive any pedal that can be driven by a guitar.

## Where in the signal chain?

The Burnish Boost can be used to push a hot signal into OD and distortion pedals. It can be used as the last pedal before the amp to push the amp input stage into breakup.

It can be used at low level settings as an always on tone enhancer, giving mid presence and a big sound, or as a simple lead boost.

We suggest that you try the Burnish Boost in a number of different positions in the chain, and find what works best for you.. It is really about finding a tone that you like best.

Enjoy!

## Burnish Boost Specifications:

Input Impedance: Approximately 700K $\Omega$   
Output Impedance: Approximately 10K $\Omega$   
External Power: 9V-18V DC @ <6mA, 2.1mm DC plug, centre negative.

## Warranty

The ClinchFX Burnish Boost is covered against manufacturing defects for a period of one year from date of purchase. At our discretion we will either repair or replace faulty units. We will not accept responsibility for failures in other connected equipment.

Warranty does not cover failures resulting from misuse including, but **not limited to**: Immersion in liquids, physical damage, incorrect power supply, unauthorized modifications, faults in connected equipment, acts of God, etc.

Return shipping and insurance costs shall be the responsibility of the owner.

Should you wish to make a warranty claim, please notify us using the "contact us" page at [www.clinchfx.com](http://www.clinchfx.com) quoting pedal serial number, purchase date, contact details and proof of purchase from ClinchFX or an authorized retailer. We will then contact you to make arrangements for return or replacement. Should we have an authorized service agent in your area, we may direct you to that agent.



# Burnish Boost



[www.clinchfx.com](http://www.clinchfx.com)

## Health and Safety Notice

It is the sole responsibility of the user to ensure that this pedal and any associated cables and equipment are used in a manner that will not present a danger to either the user or any other person, in conformance with any applicable health and safety laws. ClinchFX accepts no responsibility for any personal injury or damage of any kind resulting from improper use of this pedal.

## About the Burnish Boost

The Burnish Boost is effectively a miniature class A amplifier with an output transformer. It can generate approximately 18dB of clean boost before clipping, depending on input levels.

A friend calls our EP-PRE a “Tone Polisher”. Our Burnish Boost is more a burnishing tool for tone than a polisher. It leaves an impression on your tone in the form of a mid presence boost, but not a mid hump. It also exhibits a similar, but more pronounced Phase Response to the EP-PRE, giving it a full-bodied sound.

The Burnish is a relatively clean boost, but, if you drive it hard enough it will gradually be forced into soft, progressive clipping, in a similar way to a class A Tube amp. There is none of the harsh clipping that is usually associated with “transistor” amps. Running the Burnish Boost from an 18V supply will increase headroom.

As with our EP range of pedals, in the Burnish, we have used isolated jacks, twisted, shortest practicable path wiring and optimum grounding methods to keep noise at a minimum. The PCB is made from high quality FR4 board with a full ground plane.

## Power Supply

The Burnish Boost is designed to operate from a **9V - 18V DC supply**. **Maximum allowed voltage is 18V DC.**

### External Power Supply

Power can be supplied from a **9V - 18V DC regulated** power pack with a 2.1mm coaxial plug with negative connected to the centre pin. Although the Burnish Boost uses only 3-6mA, depending on voltage, the power pack should be rated at greater than 20mA. **Use only a REGULATED supply.**

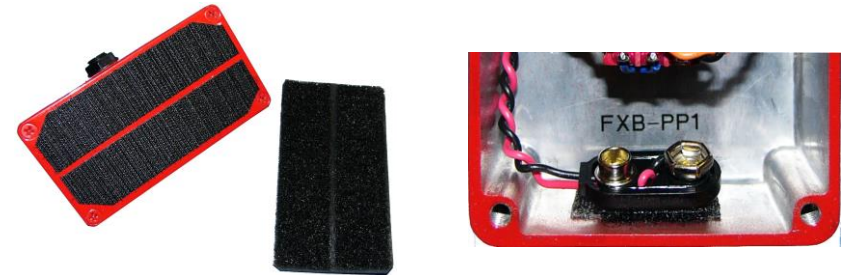
**Some of the new switch mode supplies are not suitable for use with the Burnish Boost, because they generate excessive electrical noise.**

**These power supplies may be marked “FOR ITE USE “.** The pedal is protected from reverse power connection by a diode, connected across the positive and negative contacts of the DC jack. If an incorrectly polarized or AC supply is connected, this diode will effectively short circuit the supply, protecting the pedal circuitry from damage. **If an incorrect power supply remains connected, the power supply may be damaged.**

## Battery

A battery compartment is provided for powering the pedal from a **9V battery**. If you use a battery, it should be replaced when the voltage has dropped to 8V

To access the battery compartment, peel off the non-slip base, which is attached with genuine Velcro, commercial quality, hook and loop tape. Remove the four screws that hold the bottom of the box in place.



The battery snap is held to the inside of the box with Velcro. Separate the Velcro and attach the snap to the battery. The battery will fit sideways between the switch and the end of the box. The pedal serial number is also located in this area.

Replace the bottom of the box and the non-slip base. **Note:** The bottom of the box has foam rubber on the inside, but the rubber does not cover the area where the battery sits. If the bottom is the wrong way round, it won't fit over the battery.

## Using the Burnish Boost

### Foot Switch

The switch is 3PDT, True Bypass and has gold contacts for reliability.

**Note:** The switch can assume a “half-operated” state if the plunger is bumped during travel and set-up. This is a characteristic of the gold contact switch mechanism and **not** a fault. Always fully operate the stomp switch once before using the pedal.

### Level Control

The Level control adjusts the output of the Burnish Boost from zero to full output.