



more
or less

user manual

HNT

document rev c – product rev a

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concept

more can do more than it does

less does less than **more** but it does enough

tuneable boost

A **tuneable boost** is a low noise gain stage that pushes the front of an amplifier or pedal in multiple ways by not being limited to only amplifying a single frequency range.

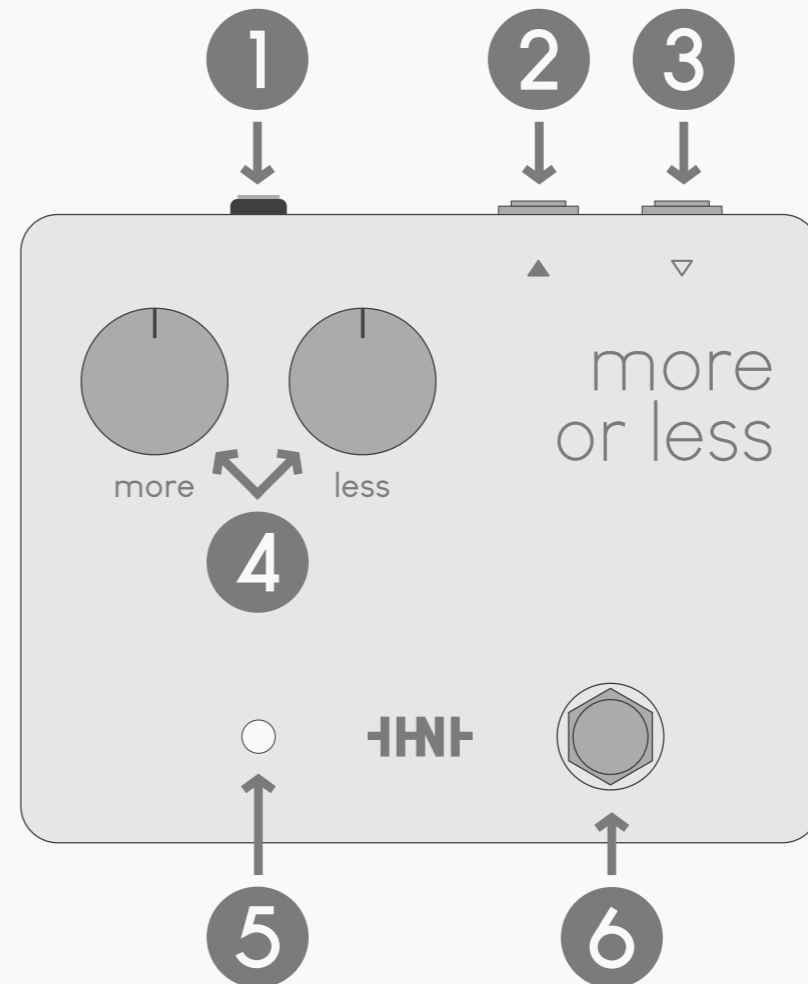
But the **more or less** is not just a boost circuit. Inside the pedal you'll find a **mode switch** that opens up another range of sonic possibilities.

It's primarily a **hi-fi toneshaper** designed to affect frequencies just on the edge of and outside the guitar frequency range, making it possible to improve the tone of your guitar without ruining the instrument's unique and characteristic sound.

It can be used anywhere in the signal chain. At the beginning it can be a buffer but more importantly, it changes the way everything else responds to your instrument and makes your instrument shine right at the start of your setup. Connect it to the output of a fuzz or overdrive to get rid of harsh clipping noise or muddy low end tones. And at the end of the signal chain, it can be a line driver between your pedalboard and amplifier that adds the finishing touch to your sound while making sure you don't have to worry about losing signal across long cables.

All this shows what the **more or less** was designed to be. A pedal that makes it easy to get the best sound out of your guitar and that will be missed when it's turned off.

- ① power input
- ② audio output
- ③ audio input
- ④ control dials
- ⑤ indicator light
- ⑥ footswitch



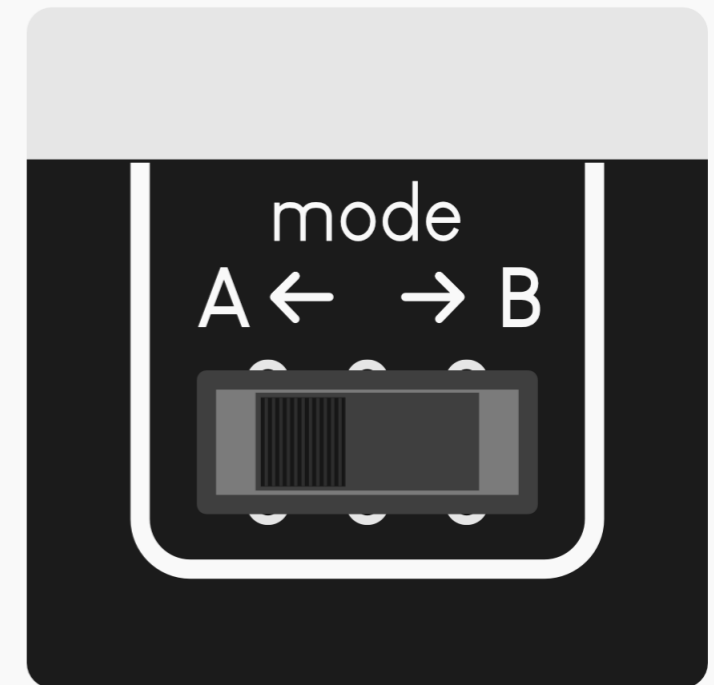
operational modes

mode switch

This switch can be used to select either **mode A** or **mode B** which alters the way you can use the **more** dial.

Here's is how you do it:

- Unplug power and audio from the pedal.
- Remove the four screws from the bottom of the pedal using a Philips screwdriver to get access to the **mode switch**.
- The switch is located on the circuit board and labeled as shown on the image to right.
- Carefully slide the toggle to the left or right depending on which mode you want to use. Make sure to not touch any components on the circuit board to prevent damage to the electronics.
- Close the pedal again using the four screws.
- That's it!



this is what the
mode switch looks like

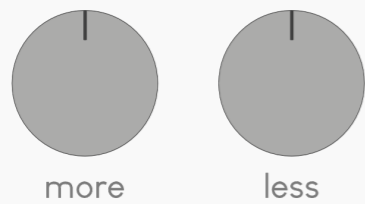
operational modes

mode A

toneshaping mode

more: -22dB to +22dB low frequencies

less: -22dB to +22dB high frequencies



mode A
starting point



mode B

boost mode

more: 0dB (unity) to +22dB full range

less: -22dB to +22dB high frequencies

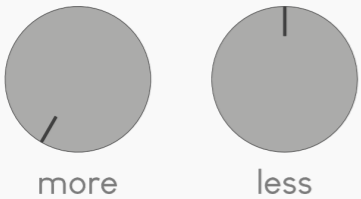


mode B
starting point

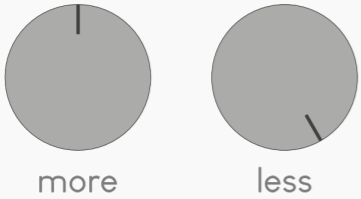
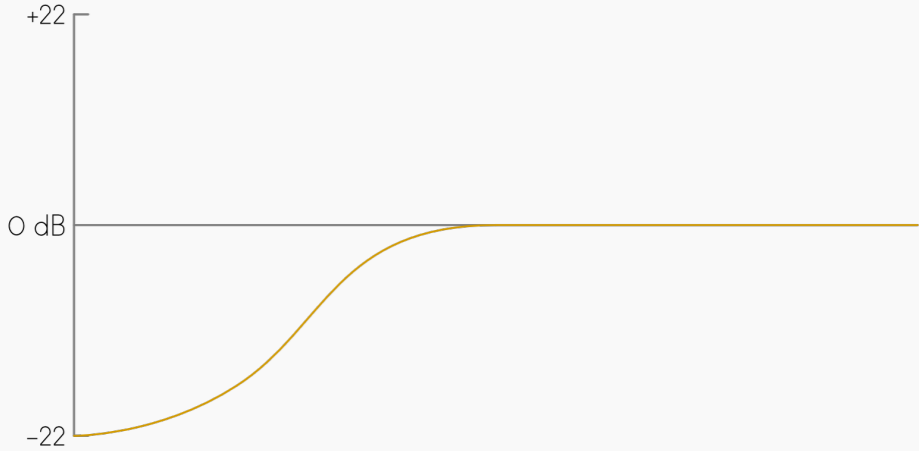


example settings

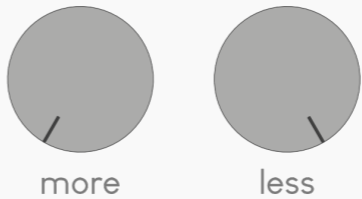
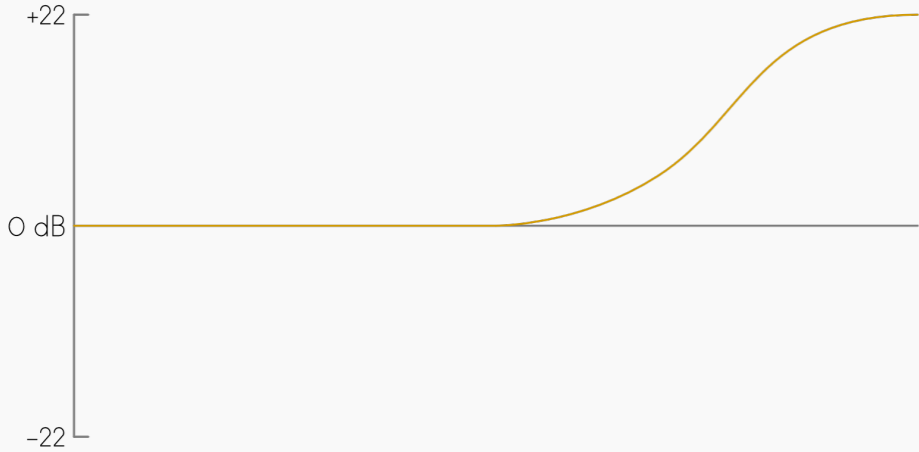
mode A



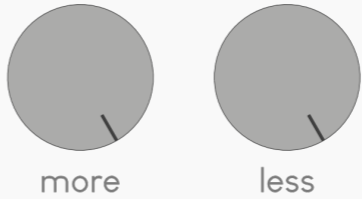
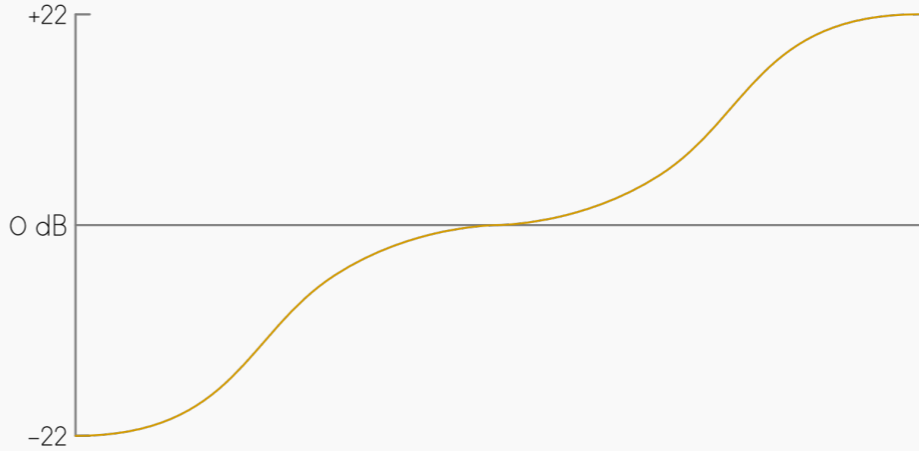
shelving
filter



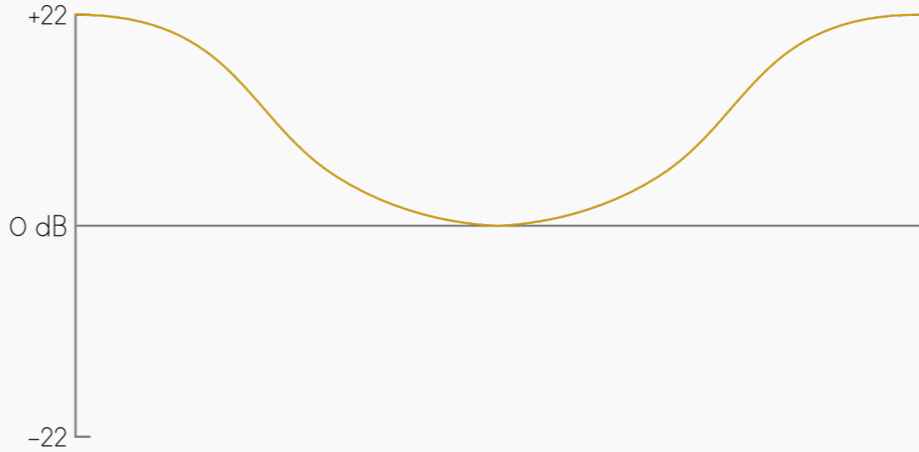
high range
boost



tilt
equaliser

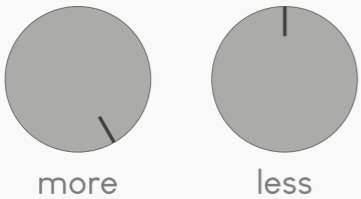


mid scoop
boost

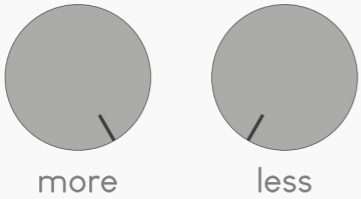
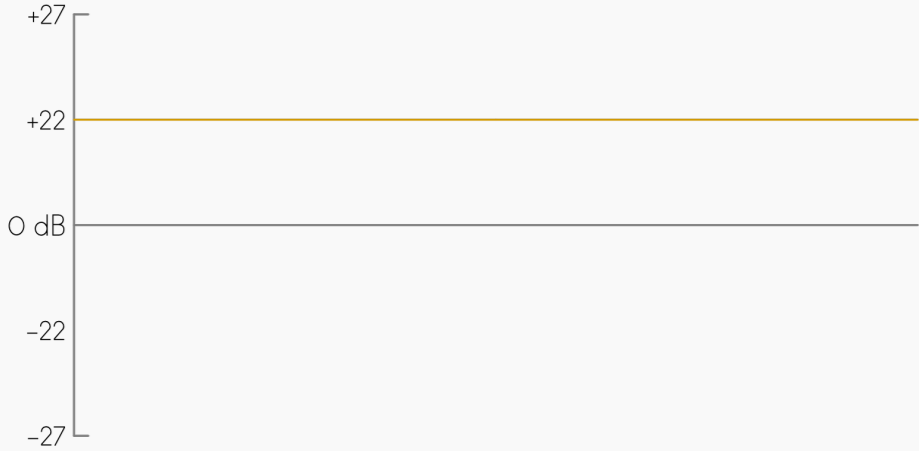


example settings

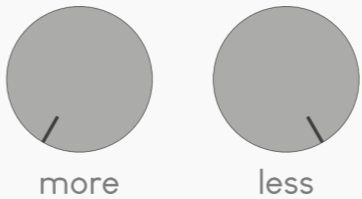
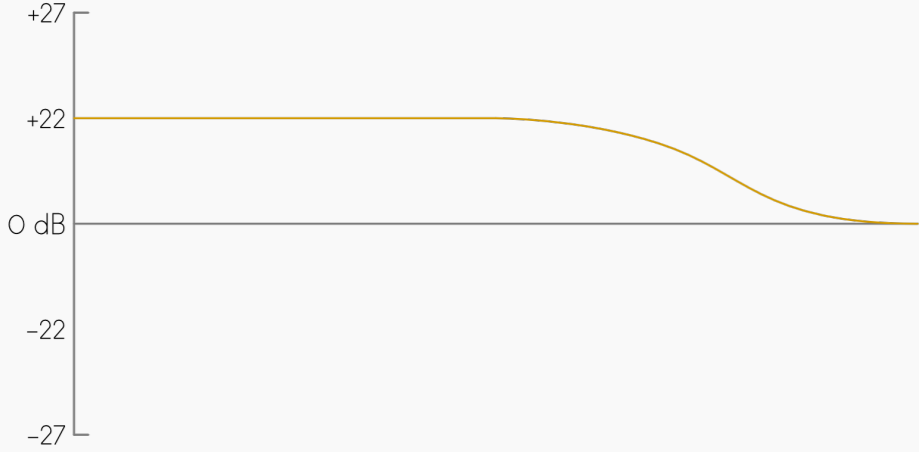
mode B



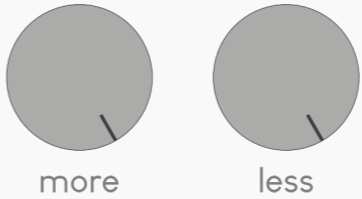
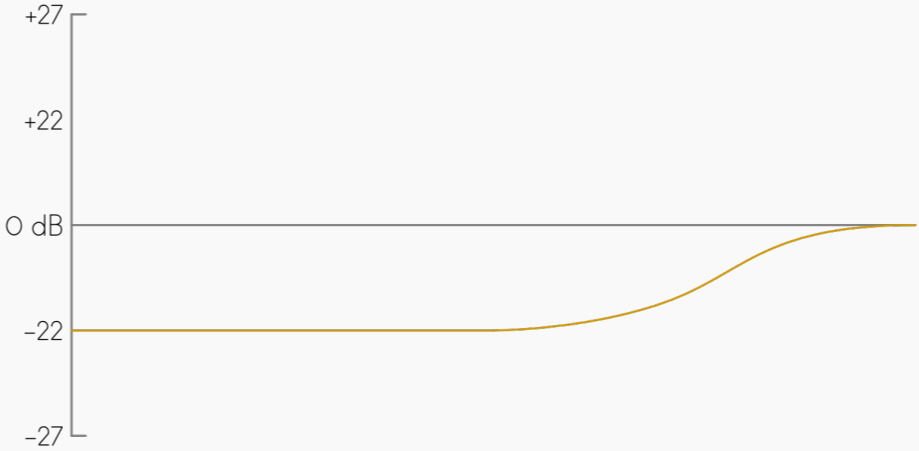
full range
boost



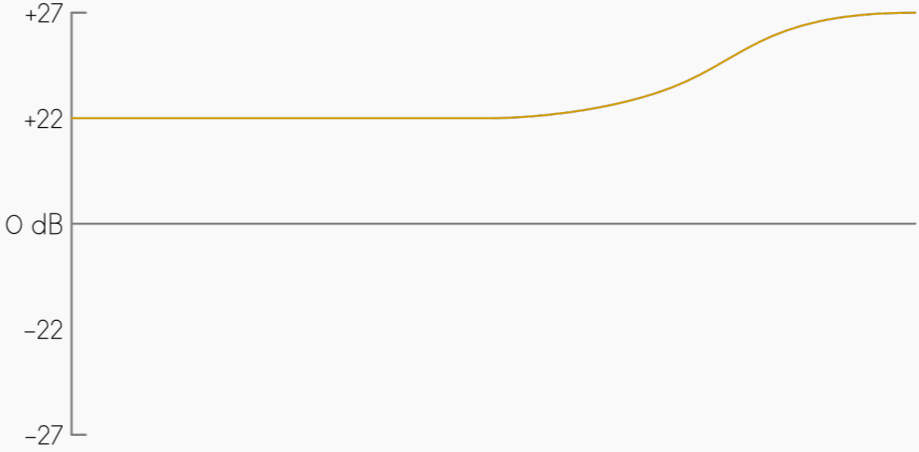
low & mid
range boost



high pass
filter



treble
boost



technical specifications

buffered relay bypass switching

mono audio input & output

input impedance: 1 M Ω

output impedance: 100 Ω

frequency range: 20Hz to 30kHz

power input: 9 to 18V DC 

current draw: ~ 40mA

dimensions: 119mm x 100mm x 53mm (4,7" x 3,9" x 2,1")

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