



# HEAVY

user manual

## Introduction

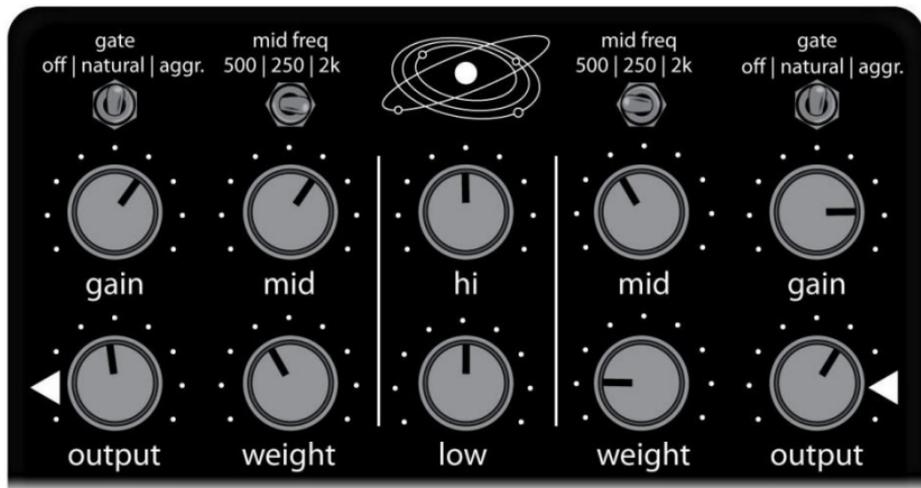
Thank you for purchasing the Empress Effects Heavy! In this aptly named box you'll find a huge range of killer high gain tones. From crisp, mid-driven 80's metal, to scooped, modern down-tuned brutality, this little box of sonic mayhem does it all. The two independent channels can be voiced similarly so that one channel can be used as a solo boost, or they can be voiced entirely differently by using the mid range control in conjunction with the 3 position mid frequency select switch. Add in separate weight controls to shape the low end response of each channel, and a global hi/low eq section that allows you to fine tune your particular amp and cab combination, and you've got a serious tool to create a supremely heavy sounding rig.

On top of all this we've added an extremely responsive and hassle free noise gate that will ensure dead silent operation with even the most obscene amounts of gain added.

Now go forth and riff. \m/

- Cody Gilchrist  
Lead Designer

## Quick Start



heavy: **Thick n' Punchy**

heavier: **Tight n' Brutal**

**Switching:** Press the *heavy* stomp to engage the heavy channel. Press the *heavier* stomp to engage the heavier channel. To return to bypass, press the stomp switch of whichever channel is currently active.

**mid freq:** allows you to select the center frequency of the mid band EQ.

**mid:** allows you to add or subtract the frequency selected with the mid freq switch. The 12 o'clock setting is 0 dB, no boost or cut, and the extreme boost and cut is about 10 dB.

**gain:** controls how much gain is added in each channel. The heavier channel has more gain available than the heavy channel.

**weight:** changes the character of the low end. Low settings will give you a tighter bass response and will sharpen up palm muted riffs. Higher settings add more size to the bottom end.

The weight control is best used in conjunction with the low EQ. Set the character of the low end with the weight control and the overall level of the low end with the low EQ band.

**heavy / heavier:** used to toggle between channels and to bypass the pedal. LED is active at any given time. When the heavy channel is bypassed.



Controls a

**Power:** + -  negative tip 2.1mm jack

## at a Glance

— - 9V-18V DC  
ck. 200mA or greater



**hi:** controls the amount of high frequency content in the output signal. It is a gentle high shelf filter starting around 3 kHz. The 12 o'clock setting is 0 dB, no boost or cut, and the extreme boost and cut is about 10 dB.

**low:** controls the amount of low frequency content in the output signal. It is a low shelf filter starting around 80 Hz. The 12 o'clock setting is 0 dB, no boost or cut, and the extreme boost and cut is about 10 dB.

the hi and low EQ bands effect both the heavy and heavier channels of the pedal

**gate:** helps to eliminate noise by muting the output of the pedal when you are not playing.

**natural:** allows you to play normally without your notes getting cut off. Has a gentle slope that lets notes decay naturally.

**aggr:** clamps down quickly. Great when playing tight starts and stops.

**trim:** there is a trim pot on the side of the pedal that lets you set the threshold for the gate.

gle between the 2 channels  
s indicate which channel is  
en no LEDs are lit, the pedal

**output:** controls the output gain. The point where unity gain is achieved varies and depends on the individual section volumes.

## Noise Gate

The Heavy features an internal noise gate which is triggered from the input, before the signal is distorted. This results in a noise gate that is extremely responsive and dynamic. Whether you're playing a long sustaining note that's meant to ring out into feedback, or you need a tight gate for those quick stops, the noise gate will react and adjust accordingly. In **Natural** mode, the gate sensitivity is high and will open with very small input levels. This mode works great for all styles of playing from leads to tight rhythms. However, **Aggressive** mode may be better suited to your playing if all you require is a hard clamping gate for fast stops. The noise gate can be set to either mode on either channel, for maximum flexibility.

**Setting the threshold:** The side mounted trim pot lets you increase or decrease the threshold to best suit your guitar's output. It comes factory set in the middle (arrow up) which we've found works really well with most guitar/pickup combinations, but there's some room for adjustment if you need it. Use a small flathead screwdriver and turn clockwise to increase the sensitivity (lower the threshold), or counter-clockwise to decrease the sensitivity (increase the threshold).

## Specifications

Input Impedance:	1M $\Omega$
Output Impedance:	510 $\Omega$
Input Voltage:	9VDC-18VDC 
Required Current:	200mA
Power Input Connector:	2.1mm Barrel Connector
Height (enclosure only):	1.5"
Height (including controls):	2"
Length:	3.5"
Width:	4.5"
Weight:	1lbs

*\* To help you get the most out of this pedal, we've put up some brief instructional videos on our website \**

**[www.empresseffects.com](http://www.empresseffects.com)**

# Warranty

Serial # \_\_\_\_\_

Empress Effects products come with a two year warranty against failures resulting from defective parts and/or faulty workmanship.

The warranty can be extended to 4 years for free by registering online at:

[www.empresseffects.com/register](http://www.empresseffects.com/register)

The warranty applies only to the original owner of the product. While a product is under warranty, Empress Effects will repair the product free of charge. We reserve the right to cancel the warranty should the product be tampered with, modified, damaged through misuse, or damaged through failure to follow the operating instructions. Empress Effects liability is limited only to repair and replacement of a defective product. Please contact Empress Effects before shipping a product to us.