



# distortion



user manual

## Introduction

From mild to crunch to lead, the empress distortion does it all. This true bypass pedal offers three flavors of distortion while retaining a super tight low end and naturally compressing like a high gain amp.

The mild setting offers gentle break-up that cleans up with your volume knob. The crunch setting is tight, with good bite. The lead setting offers high gain with lots of sustain.

Gain control, two bands of EQ and output control allow you to tweak the sound to taste.

Enjoy!

- Steve Bragg

## Sample Settings



This crunch setting is great for tight sounding rhythmical playing. Enough gain to have some edge, but cleans up with lighter playing or by easing back on the volume knob.

**treble:** 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.

**bass:** controls the amount of low frequency content in the output signal. It is a low shelf filter starting around 150 Hz. The 12 o'clock setting is 0 dB, no boost or cut, and the extreme boost and cut is about 10 dB.

**bypass:** When the LED is shining, the effect is applied to the signal. When off, the effect is being bypassed (true bypass).




## at a Glance



**flavor switch:** select between 3 flavors of distortion.

- **mild:** gentle break-up that cleans up with your volume knob
- **crunch:** great for rhythm playing. tight low end with strong bite
- **lead:** high gain with lots of sustain

**gain:** controls the amount of break-up. Turning clockwise will increase the distortion effect as well as adding sustain to your signal

**power:** +  - 9V DC negative tip 2.1mm jack. 35mA or greater


**output:** controls the output volume. Unity gain depends on the gain setting. This can also be used as a boost if using the pedal for soloing.

## Sample Settings (continued)



This is a nice high gain setting for lead parts or for more aggressive music. There's a lot of bite and tight lows with a good amount of sustain. This setting also features a bit of a volume boost to make your parts stand out.

## Specifications

Input Impedance:	300k $\Omega$
Output Impedance:	5k $\Omega$
Freq. Response:	20Hz – 12kHz
Input Voltage:	9VDC +  -
Required Current:	35 mA
Power Connector:	2.1mm Barrel
Height:	2"
Length:	2.5"
Width:	4.5"
Weight:	0.5 lbs

[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.