

# DIAMONDHEAD

MULTISTAGE DISTORTION + BOOST



Seymour **Duncan**

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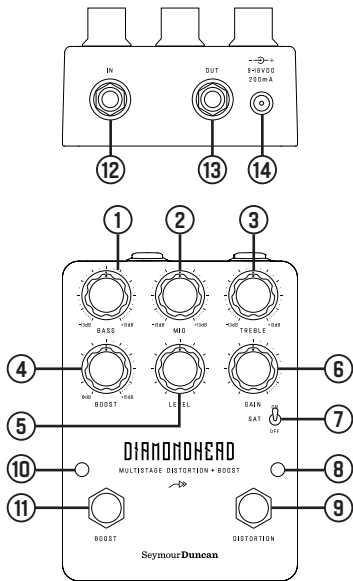
# DIAMONDHEAD

MULTISTAGE DISTORTION + BOOST



Thank you for purchasing the Diamondhead Multistage Distortion + Boost! Make sure to visit [SeymourDuncan.com](http://SeymourDuncan.com) for the most up to date info and sound samples.

Across genres and generations, the sound of a half stack pushed hard with drive and boost has become a standard for rock tones. From the classic bands of the seventies, to the pioneering metal tones of the eighties, the combination of tube heads and drive pedals has created some of the most iconic guitar tones of all time. Diamondhead aims to capture the power and versatility of that quintessential rig in a package that will find a space on any pedalboard.



- |                      |                          |
|----------------------|--------------------------|
| 1. Bass              | 8. Distortion Indicator  |
| 2. Midrange          | 9. Distortion Footswitch |
| 3. Treble            | 10. Booster Indicator    |
| 4. Booster Level     | 11. Booster Footswitch   |
| 5. Distortion Level  | 12. Input Jack           |
| 6. Distortion Gain   | 13. Output Jack          |
| 7. Saturation Switch | 14. Power Jack           |

## **Bass Control**

+/-16dB @ 80HZ, Q-2.6

## **Midrange Control**

+/-13dB @ 800Hz, Q-1.3

## **Treble Control**

+/- 13dB @ 6kHz, Q-1.2

## **Booster Level**

Provides up to 15dB of post-distortion boost, can be used as an independent booster.

## **Distortion Level**

Adjusts the loudness level of the distortion circuit. Occurs immediately before the booster in the circuit flow.

## **Distortion Gain**

Adjusts the gain of the distortion circuit, from 29dB up to a maximum of 55dB.

## **Saturation Switch**

Engages an additional gain stage that provides an extra 24dB of contoured mid boost with secondary overdrive for deep saturation.

## **Distortion Indicator**

When LED is on, the distortion circuit is active. When the LED is off the unit is in true bypass.

## **Distortion Footswitch**

Alternately engages and disengages the distortion circuit.

## **Booster Indicator**

When the LED is on, the booster circuit is active.

## **Booster Footswitch**

Alternately engages and disengages the booster circuit.

## **Input Jack**

Plug in a musical instrument cable or the signal from the preceding pedal on your board.

## **Output Jack**

Run a cable out to your amplifier or the next pedal on your board.

## **Power Jack**

Apply 9 -18V DC, 200mA minimum, Use a plug with 2.1mm internal diameter, center negative.

# Sample Settings



## Highway Priest

Lower gain, bright  
early 80's classic metal



## Classic 80's Hard Rock

Higher gain, warmer  
low end for tight  
palm-muted rhythm.

Perfect for all 80's  
hard rock songs



## Pantallica

Big mid scoop and  
tight bottom



### British Snarl

Mid-range punch

Lower Gain

Note articulation

Mid-late 70's classic  
hard rock



### Snotty Mids

Powerful EQ and  
mid-range bump

Gives an aggressive  
tone for distinct  
leads and pissed off  
power chords



### Infinite Sustain

Thick, rich lead tone

Notes bloom with  
incredible sustain

## Disposal Guidelines

In the unlikely event that you ever need to dispose of this product, it must be disposed of properly by handing it over to a designated collection point for the recycling of waste electronic equipment. Please contact your local household waste disposal service or the shop where you purchased this product for those locations. Thanks for helping us conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment.

## Tech Specs

**Input Impedance:** 500K $\Omega$

**Output Impedance:** 100 $\Omega$

**Gain Range:** 30 to 54dB

**Gain Range with Sat On:** 45 to 69dB

**Independent Booster Gain:** 0 to 15dB

**Noise, Referred to Input:** 127dBV

**Noise, Sat On:** 129dBV

**Noise, Booster On:** 117dBV

**Frequency Response:** Response charts available online

**Power:** 9 - 18V regulated DC adapter (center pin negative)

**Current Consumption:** 130mA @9V / 65mA @18V

**Dimensions:** 3.5" x 4.7" x 1.6"

**Weight:** 0.9lbs



## Limited Warranty

Seymour Duncan offers the original purchaser a one-year limited warranty on both labor and materials from the day this product is purchased. We will repair or replace this product at our option if it fails due to faulty workmanship or materials during this period. Defective products can be returned to your USA dealer, international distributor, or sent direct to our factory postage prepaid along with dated proof of purchase (e.g., original store receipt) and RMA number. Call or email our factory for an RMA number which must be written on the outside of the box. We reserve the right to refuse boxes without an RMA written on the outside. As you might expect this warranty does not apply if you've modified the unit or treated it unkindly. We can assume no liability for any incidental or consequential damages which may result from the use of this product. Any warranties implied in fact or by law are limited to the duration of this express limited warranty.



# WHAT WE STAND FOR

WE STAND FOR GREAT MUSIC,  
AND THE PEOPLE WHO MAKE IT.

WE'RE AN **★** AMERICAN **★** ORIGINAL.

WE LIVE FOR THESE MOMENTS.

WE LIVE FOR THESE TONES.

WE WORK WITH HEART AND SOUL AND GRIT AND LOVE.

WE LIVE FOR THE MUSIC, AND THE MUSICIANS WHO MAKE IT.

WE'RE ALWAYS ON TOUR ~~OF~~ IN THE STUDIO, WITH THE BANDS.

BECAUSE **TONE** MATTERS.

MUSIC MATTERS,

> MUSICIANS MATTER <

OUR EXPERIENCE. OUR PASSION. OUR HISTORY  
IT'S IN EVERYTHING WE BUILD.

AND WE'LL NEVER STOP BACKING OUR MUSICIANS.

EVERY NOTE. EVERY DAY.


EVERY GIG. EVERY ENCORE.

**EVERYONE.**

YOU CARRY US WITH **you!** WHEN YOU PICK UP A  
AND WE'LL NEVER LET YOU DOWN

SEYMOUR DUNCAN.  
.....

THAT'S WHO WE ARE. THAT'S WHAT WE DO.

THIS IS  Seymour **REAL SOUL.**  
Duncan **GENUINE TONE.**

# Commitment to Quality and Community

Seymour Duncan takes pride in designing and crafting our products to create the most amazing sound possible. Our Made in the USA label designates that the products are designed in Santa Barbara, California and manufactured in the USA with quality parts sourced in the United States and around the world.

With everything we create, our passion and obsession for amazing sound is reflected in its quality and reliability.



**S** Seymour  
Duncan®

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