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OVERDRIVE



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**OVERDRIVE PEDAL
USER'S GUIDE**

 **Seymour
Duncan®**

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OVERDRIVE

We'd like to thank you for making the Seymour Duncan 805 overdrive a part of your tone quest.

The 805 is a very transparent, classic overdrive pedal designed using the legendary 808 chip as a starting point but with an expanded gain range and 3-band active EQ that is not commonly found in 808 style overdrive pedals.

The gain range extends from 8dB to 36dB, allowing for a wide range of overdrive options from mild boost to saturated lead gain. The active EQ circuit allows players to fine-tune all elements of the low, mid and high frequencies.

Typical applications for 805 Overdrive include:

- Use for frequency contouring. Set up a frequency response that works well for saturated overdrive sounds.
- Use to boost level into single channel or clean amps to push them into overdrive and create essentially two channels.
- Use the pedal's own smooth distortion to create a rich, saturated tone even at lower volume levels, with amps that don't have separate gain and master knobs.

HOW IT WORKS

- 1 Level** – Sets the overall level of your signal. Use in conjunction with the drive knob to explore and dial in a seemingly endless variety of textures and tones. The cleaner (lower) the gain, the higher the level should be and vice versa.
- 2 Drive** – Regulates the amount of gain the 805 Overdrive is putting out. Low settings will provide a very slightly overdriven, boosted tone. Increasing the Drive pushes the front end of your amp harder and depending on the output of your pickups will start to add some rich distortion anywhere from 9 o'clock for higher output humbuckers to 11-12 o'clock for the lower output more vintage type pickups. The gain range on the 805 Overdrive is a versatile 8dB to 36dB providing a wide, flexible tonal palette.
- 3 Bass** – Active control provides +/- 11dB of boost or cut at 90Hz. Turn clockwise for thunderous low end or to fatten up an open-back cabinet, turn counter-clockwise to clean up closed-back cabinets that may be too bass heavy for the venue or style of music.



(On back panel)

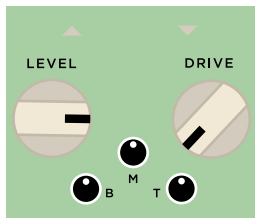
- 4 Mid** – Active +/-11dB of boost or cut at 750Hz. From 12 o'clock turn clockwise to boost the mids for more presence, counter clockwise to cut the mids for a more scooped tone.
- 5 Treble** – Active +/-12dB of boost or cut at 2.12kHz. From 12 o'clock turn clockwise to boost the highs, counter clockwise to cut the treble.
- 6 Status LED** – Indicates when the 805 Overdrive is active. LED is on when the unit is engaged, off when in true bypass mode.
- 7 True Bypass footswitch** – Removes the circuit from your guitar's signal via a hardwired connection from the input jack to the output jack.
- 8 Output Jack** – Run a cable to the input of your amp or to the next effect in your chain.
- 9 Input Jack** – Plug in your guitar or other pedal cable here.
- 10 Power Jack** – We designed this pedal to be convenient. You can use any 9V to 18V regulated DC adapter (negative polarity center terminal).
- 11 Easy access Battery door (located on back panel)** – The 9v battery goes behind this door. When the pedal is not in use save your battery life by removing your guitar cable from the input jack.

LET'S GET STARTED!

1. Start with the unit in bypass mode (LED off) and the Bass, Mid, Treble, and Drive at 12 o'clock and Level at lowest setting. Set your amp level appropriately.
2. Turn on the 805 Overdrive by pressing the footswitch – the LED will come on when it's active.
3. Bring the Level control up to desired volume, then start experimenting with the gain control. As you add gain to your signal, adjust EQ to desired tone.

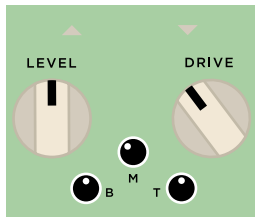
SAMPLE SETTINGS

The 805 Overdrive can produce a huge range of tones from gentle boost to rich saturated overdrive. The settings below and on the next page are great starting points.



Subtle Boost

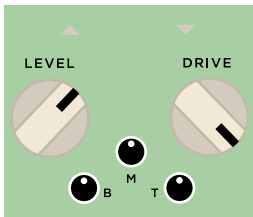
With the Drive control fully counter clockwise, the 805 Overdrive acts as a signal booster with 8dB of gain. Adds more life and sparkle to your tone along with the flexibility of further contouring your sound with the active 3-band EQ. In this setup you may just want to leave it on all the time.



Scooped Mid

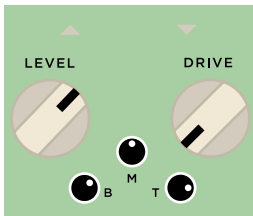
Setting the Mid control around 10 o'clock gives a bit of a scoop to the normally mid range predominant punch, accentuating the beef and clarity for both picking and chunking. The Drive control around the 11 o'clock position gives you control with both your volume level and playing intensity. Ranging from sparkly clean to fat crunch when you dig in.

SAMPLE SETTINGS



Valve Howler (Thank you, Mr. Thesaurus)

Push your amp's front end into overdrive, with some additional grit. The personality of the tone will depend upon your specific amp and settings, so let your curiosity be your guide!



Modern Metal

Setting the Drive control low with the Level and Bass controls at 1 o'clock and the Treble control at 3 o'clock will add punch and definition when used in front of a high-gain amp or modeler.

"I use the following setting, for a tight modern metal sound in front of a high gain amp." -Keith Merrow

SPECIFICATIONS

Distortion Circuitry: Glass diode, back-to-back stack.

Bypass: True bypass

Gain Control Range: 8dB to 36dB.

EQ Center Frequencies:

- Bass – 90 Hz +/- 11dB
- Mid – 750 Hz +/- 11dB
- Treble – 2.1 kHz +/- 12dB

Signal To Noise Ratio:

- Minimum gain, 20 to 20kHz – 112dBV
- Minimum gain, 400 to 20kHz – 114dBV
- Maximum gain, 20 to 20kHz – 97.5dBV
- Maximum gain, 400 to 20kHz – 98 dBV

THD @10mVrms input @ 1 kHz with 12 dB of gain: 0.15%

Max Output before Saturation: 0.6Vrms

Input Impedance: 470k Ohms

Output Impedance: 1k Ohms

Power: 9V battery or external 9 to 18V Regulated DC Adapter (center negative)

Current consumption: 4.5mA

Dimensions: 2.61" X 4.90" X 1.45"

Weight: 0.6 lb without battery

805

OVERDRIVE

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.



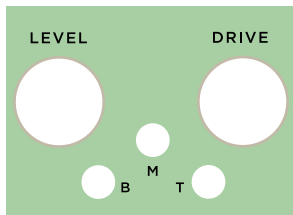
LIMITED WARRANTY

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.

DISPOSAL GUIDELINES

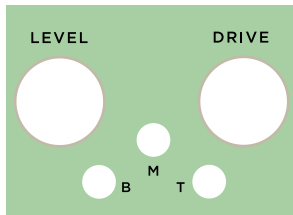
In the unlikely event that you ever need to dispose of this product it must be disposed of properly by handing it over to a designated collection point for the recycling of waste electronic equipment. Please contact your local household waste disposal service or the shop where you purchased this product 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.

PERSONAL SETTINGS

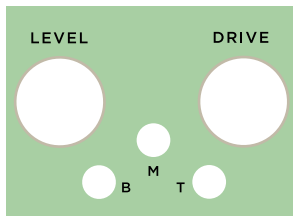


USER NOTES

PERSONAL SETTINGS



USER NOTES



USER NOTES

WHAT WE STAND FOR

We stand for great tone:
It's the heart. The soul. The essence. The
core of the sound.

We stand for musicians. Because soul
matters. Spirit matters. Music matters.

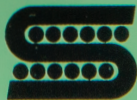
We stand for quality. We're an American
original. An industry leader. And we're
always innovating.

We stand by our work. Our passion. Our
history. It's in everything we build. In
everything we touch.

We stand for great tone. Music. Power.
Heart. Soul. Tone. It's who we are. It's
what we do.

We are Seymour Duncan.





Seymour Duncan

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