

Seymour Duncan
805+ OVERDRIVE

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

The 805+ is a dual-personality overdrive pedal built around a mode switch on the top of the enclosure. Down position selects the Original 805 mode; Up position selects Plus mode.

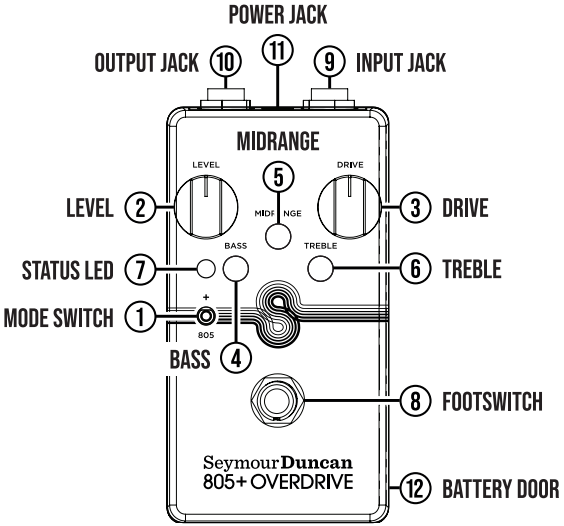
In original 805 mode, the pedal is a very transparent, classic overdrive designed with an expanded gain range and 3-band active EQ not commonly found in 805-style overdrive pedals. The gain range allows for a wide range of overdrive options from mild boost to saturated lead gain.

In Plus mode, the pedal becomes a full-range, highly adjustable and transparent overdrive for players who want more gain and sustain without sacrificing the natural voice of their guitar amp. While many overdrives emphasize a particular frequency band, Plus mode is voiced across a balanced frequency spectrum, so it sounds just as good through a clean channel or enhancing an already overdriven amp.

In both modes, there's a three-band EQ for controlling the lows, mids and high end, and the Level control has plenty of range to allow use as a clean boost.

TYPICAL APPLICATIONS

- 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 MODE SWITCH

Selects which of the pedal's two overdrive voicings is active. Down position equals original 805 mode. Up position equals + mode (Plus mode).

② 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. The range is generous enough to level-match your dirty and clean sounds, dial in a solo boost, or use it as a clean boost on its own.

③ DRIVE

Regulates the amount of gain the pedal is putting out. Low settings will provide a 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 lower output, more vintage-type pickups. The gain range in 805 mode is a versatile 8dB to 36dB, providing a wide, flexible tonal palette, and in Plus mode, the gain range is 11dB to 37dB.

④ 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 counterclockwise to clean up closed-back cabinets that may be too bass heavy for the venue or style of music.

⑤ MIDRANGE

Active +/-11dB of boost or cut at 750Hz. From 12 o'clock, turn clockwise to boost the mids for more presence, counterclockwise to cut the mids for a more scooped tone.

⑥ TREBLE

Active +/-12dB of boost or cut at 2.12kHz. From 12 o'clock, turn clockwise to boost highs, counterclockwise to cut treble.

⑦ STATUS LED

Indicates when the pedal is active. LED is on when the unit is engaged, off when in true bypass mode.

⑧ TRUE BYPASS FOOTSWITCH

Activates the pedal. When the pedal is off, the circuit from your guitar's signal runs via a hardwired connection from the input jack to the output jack for true bypass operation.

⑨ INPUT JACK

Connect your guitar or other pedal cable here.

⑩ OUTPUT JACK

Run a cable to your amp's input or to the next effect pedal.

⑪ POWER JACK

You can use any 9V - 18V regulated DC adapter (negative polarity center terminal).

⑫ BATTERY DOOR

Easy-access battery door located on the 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.

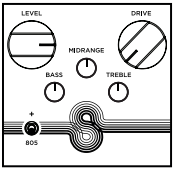
LET'S GET STARTED!

1. Plug in any regulated 9V - 18V power supply with a negative polarity center terminal or install a 9V battery behind the back panel battery door.
2. Run good quality, unbalanced, shielded guitar cables from your guitar to the input jack and from the output jack to your amp's input or to the next pedal on your pedalboard.
3. Choose your mode: set the mode switch to the down position for original 805 mode, or up for + mode.

DIALING IN YOUR SOUND

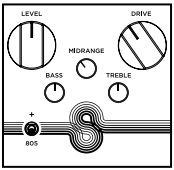
Start with the unit in bypass mode (LED off) and the Bass, Midrange, Treble, and Drive at 12 o'clock and Level at its lowest setting. Set your amp level appropriately. Turn on the pedal by pressing the footswitch — the LED will come on when it's active. Bring the Level control up to the desired volume,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

SAMPLE SETTINGS: 805 MODE



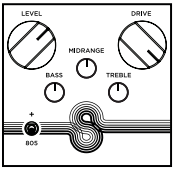
SUBTLE BOOST

With the Drive control fully counterclockwise; the pedal 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

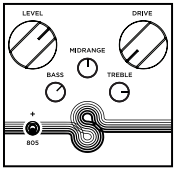
Setting the Midrange control around 10 o'clock gives a bit of a scoop to the normally mid-range predominant punch, accentuating the beef and clarity for both picking and chunking. The Drive control around the 11 o'clock position gives you control with both your volume level and playing intensity. Ranging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



VALVE HOWLER

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!

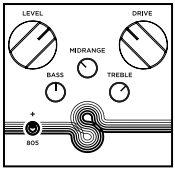
SAMPLE SETTINGS: 805 MODE



MODERN METAL

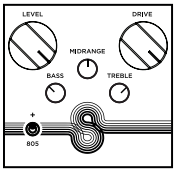
Setting the Drive control low with the Level and Bass controls at 1 o'clock and the Treble control at 3 o'clock will add punch and definition when used in front of a high-gain amp or modeler.

SAMPLE SETTINGS: PLUS MODE



SPARKLY OVERDRIVE

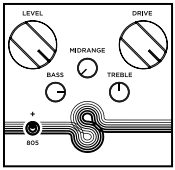
Think of this as "a little more" on top of a clean amp channel: plenty of body with a little midrange dip to smooth out the tone. This setting sounds especially jangly with a Stratocaster.



BRITISH CRUNCH

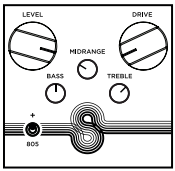
Use this setting with a clean amp channel for vintage crunch tone. The mid-range response is flat with lower bass for more focus, and it features maximum drive with a slight high-end boost. This setting pushes your guitar into a bright, tubey growl and works equally well with single coil and humbucking pickups.

SAMPLE SETTINGS: PLUS MODE



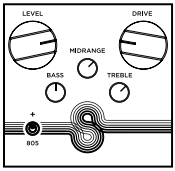
BIG RHYTHM

Use this setting with a clean amp channel for a classic American rhythm sound. The boosted bass and completely scooped mids give a thick tone, and the wide open gain gives you plenty of power.



TIGHT METAL BOOST

Use this setting in front of a high-gain amp to tighten up the bottom end and add thickness and compression to the mids while keeping pick articulation clear.



LEAD BOOST

Use this setting on top of your overdriven or distorted rhythm sound to add punch and sustain, or to turn a great rhythm sound into a great lead sound.

SPECIFICATIONS

Type of Circuitry: Low-noise IC with back-to-back glass diode stack overdrive circuit
Bypass: True hard-wire bypass
EQ Center Frequencies (both modes):

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

Input Impedance: 470k Ohms
Output Impedance: 1K Ohms
Max Output Before Saturation: 0.6Vrms
Power: 9V battery or external 9V to 18V Regulated DC Adapter (center negative)
Current Consumption: 4.5mA
Dimensions: 2.61" X 4.90" X 1.45"
Weight: 0.8lb without battery

805 MODE

Gain Control Range: 8dB to 36dB
THD @10mVrms input @ 1 kHz with 12 dB of gain: 0.15%
Signal to Noise Ratio:

Minimum gain, 20 to 20kHz – 112dBV
Maximum gain, 20 to 20kHz – 97.5dBV

+ MODE

Gain Control Range: 11dB to 37dB
THD @10mVrms input @ 1 kHz with 12 dB of gain: 0.045%

COMMITMENT TO QUALITY AND COMMUNITY

Seymour Duncan takes pride in designing and crafting our products to create the most amazing sound possible. 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 e-mail 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, and 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.

FCC COMPLIANCE

This Device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference including interference that may cause undesired operation.

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5427 Hollister Ave Santa Barbara, CA 93111 / (805) 964-9610

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