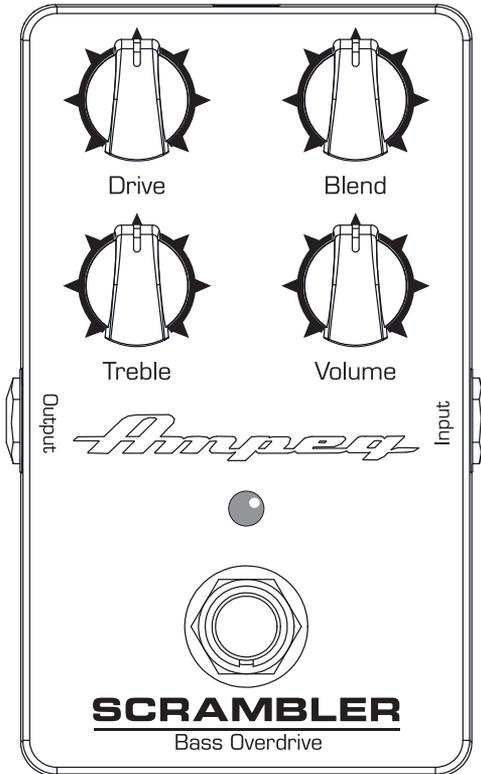


Ampex[®]

SCRAMBLER

Bass Overdrive



Owner's Manual



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What's in the Box

Scrambler Bass Overdrive Pedal, Quick Start Guide.

Introduction

The Ampeg Scrambler Bass Overdrive pedal infuses your sound with authentic Ampeg grit, grind, and sag. Dial in a huge range of overdrive textures, from subtle to screaming. Add in a touch of highs, then blend in with your dry signal to create the perfect tone. It's pure analog Ampeg overdrive that's super affordable.

Like all Ampeg products, your Scrambler Bass Overdrive pedal is designed by musicians and built using only the best of components. Each pedal is tested to confirm that it meets our specifications, and we believe that this pedal is the absolute best that it can be.

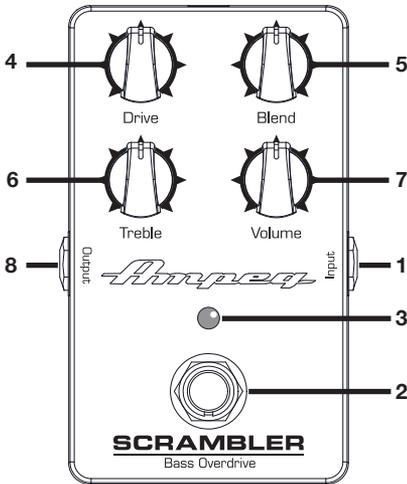
In order to get the most out of your new pedal, please read this *Owner's Manual*, as well as the *Important Safety Instructions* included with your Scrambler Bass Overdrive Pedal, before you begin playing. Best of luck in all of your musical endeavors!

And **thank you** for choosing Ampeg.

Features

- Delivers classic Ampeg grit, grind, and sag
- Separate Drive and Blend (wet/dry) controls
- Treble and Volume controls
- True bypass, analog design with incredible signal-to-noise ratio
- Roadworthy, all-metal chassis construction
- 9V DC supply or battery capable (not included)

Top Panel Features

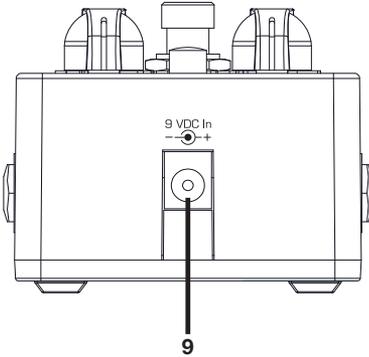


1. **INPUT:** The signal output from an instrument (active or passive) may be connected to this 1/4" Input by means of an unbalanced, shielded instrument cable.
NOTE: There is a -15 dB Pad jumper located inside of the pedal. Details on switching the jumper may be found on [page 5](#).
NOTE: Unplug the input cable when not in use, as the 9V battery will drain (and eventually die). Details on replacing the battery may be found on [page 5](#).
2. **SCRAMBLER SWITCH:** Engage this switch to activate the Scrambler pedal. This pedal is true bypass, meaning, the signal will pass through from input to output with no circuitry in between when the switch is disengaged.
3. **ON/OFF LED:** This LED illuminates purple when the pedal is engaged.
4. **DRIVE:** Use this to adjust the amount of Bass Scrambler Overdrive effect. Rotate the control clockwise for a more overdriven sound, or counter-clockwise for a less overdriven sound.

5. **BLEND:** Use this to blend the Bass Scrambler processed signal with the clean, unaffected signal.
6. **TREBLE:** Use this to adjust the high frequency level. This provides up to 17 dB of boost, or 14 dB of cut at 4 kHz. The high frequency output is flat at the center position.
7. **VOLUME:** Use this to control the overall output level. Use it wisely and turn it down when making connections or trying something new. Unity is at 12:00.
NOTE: The Volume control is active only when the pedal is engaged.
8. **OUTPUT:** Typically, this 1/4" Output jack connects to the input of an external power amplifier - or powered loudspeakers, as long as they have their own input controls to adjust the volume level - by means of an unbalanced, shielded instrument cable.

Alternatively, the Output may be connected to an external mixer, recorder, or interface. In this way, you do not need to mic the speaker cabinet in order to add it to the main mix or to record. The level of the signal is affected by the Volume control, when pedal is active.

Rear and Bottom Panel Features



9. **POWER CONNECTOR:** This is where to connect the optional power supply.

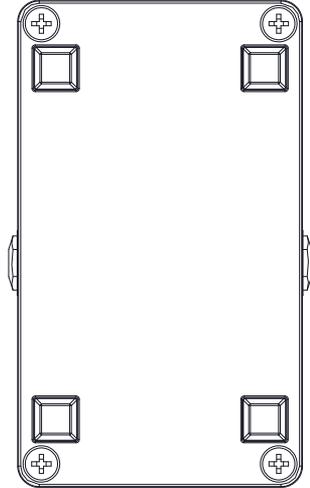
 **NOTE:** Before plugging in the power supply, make sure that you are using the correct model power supply for this product. Failure to do so may result in damage to your unit and void your warranty.

A **DC-1G Power Supply** may be purchased from an Ampeg Dealer, or you may purchase one directly from the Ampeg Online Shop, at shop.ampeg.com.

For residents outside of the US, please request the model **DC-1G Power Supply** when purchasing from an Ampeg dealer or distributor in your region.

BOTTOM PANEL ACCESS

A -15 dB Pad Jumper [11] is located inside the bottom of the pedal. This is also where the 9V battery is housed.



Removing the bottom is easy. Start by placing the pedal top down on a soft, dry cloth.

Remove each of the four screws by turning them counter-clockwise. Be sure to keep them in a safe place as you will need them again!

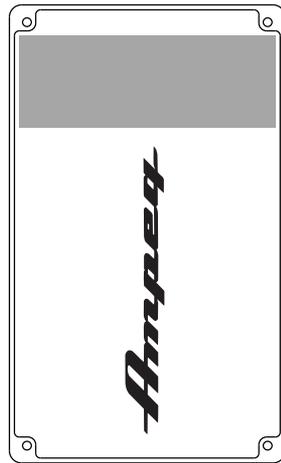
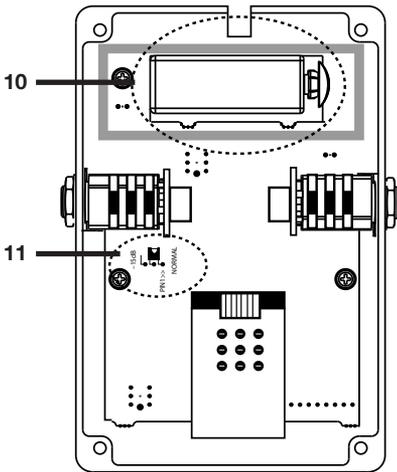
Bottom Panel Features

10. 9V BATTERY: The Scrambler Bass Overdrive may be powered by 9V battery instead of using a power supply. As seen in the illustration below, a battery fits nicely inside a compartment of the circuit board, next to the edge of the pedal.

NOTE: Unplug the input cable when not in use, as the 9V battery will drain (and eventually die).

NOTE: If you are experiencing excessive distortion (distortion begins at approximately 0.5V RMS), then you might want to utilize the 15 dB Pad, by moving the jumper to pins 2-3.

NOTE: When replacing the bottom of the pedal, line up the rectangular foam piece over the battery. Turn the screws clockwise to affix to the bottom to the pedal.



11. -15 dB PAD JUMPER: Moving the -15 dB Pad Jumper reduces the input signal by 15 dB. This attenuation is suited for use with basses that have active electronics or high-output pickups.

There are two settings for the jumper:

- Pins 1-2 (Normal – default)
- Pins 2-3 (15 dB Pad)

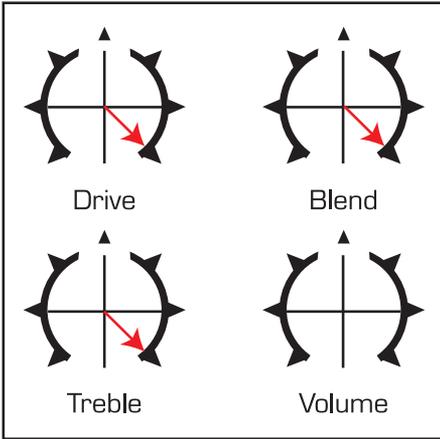
Ok, ok... there could be no jumper, but that just sets the pedal to its Normal/default (Pins 1-2 setting, with approximately 1/2 dB loss).

Referencing the diagram above, slide the jumper out, then re-insert it on the desired pins for your instrument. Fingers should work just fine, but it's ok to use needle-nose pliers to remove the jumper, if necessary.

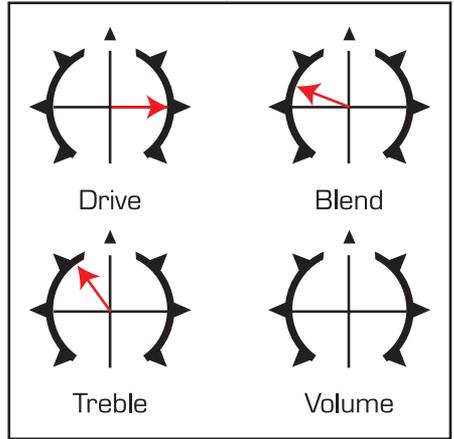
Suggested Settings

Adjust the Volume control to taste.

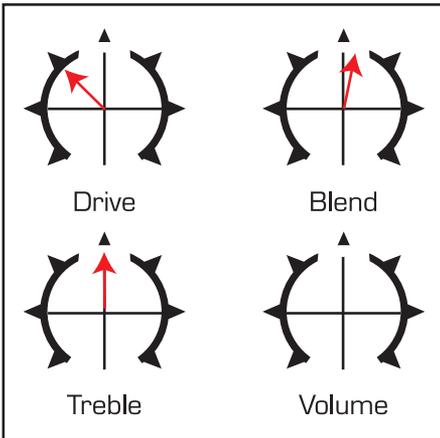
Hell Unleashed



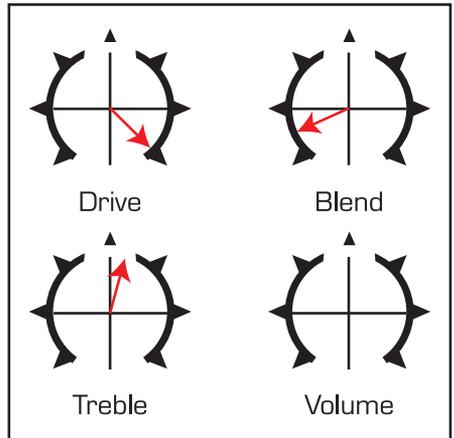
Heavy Pick



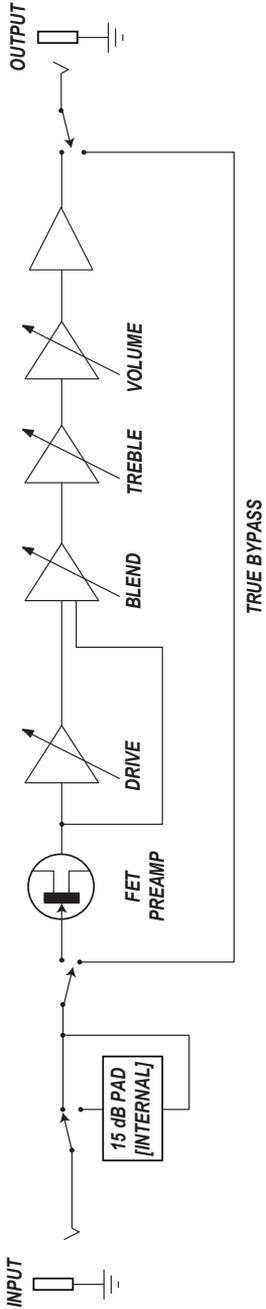
Mild SVT® Grind



Mild Overdrive



Block Diagram



Technical Specifications

Signal to Noise Ratio	>85 dB (50 Hz @ 300mV RMS)
Maximum Gain	+18 dB
Tone Controls	Treble: +17/-14 dB @ 4 kHz
Impedances	Input: 1 M Ω @ NORMAL, 83 k Ω w/-15 dB PAD Output: 120 Ω
Power Requirements	Internal: 9V Battery External: 9V DC, \geq 20mA, center negative
Size (H x W x D)	2.2 in x 2.6 in x 4.5 in 56 mm x 66 mm x 114 mm
Weight	0.6 lb / 0.3 kg (approximately)

The Scrambler Bass Overdrive is housed in a corrosion resistant, die-cast zinc chassis, so be sure to clean it with a dry, lint-free cloth. Never spray cleaning agents on the Scrambler Bass Overdrive. Avoid abrasive cleansers which would damage the finish.

Ampeg continually develops new products and improves upon existing ones. For this reason, the specifications and information in this manual are subject to change without notice.

Warranty and Support

Visit WWW.AMPEG.COM to...

- (1) ...identify **WARRANTY** coverage provided in your local market. Please keep your sales receipt in a safe place.
- (2) ...**REGISTER** your product.
- (3) ...**CONTACT** Technical Support, or call 818-575-3600.

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