

DLS Effects

Signature *Johnny Hiland*
by DLS  Effects

Growler™



A collaboration between guitar virtuoso *Johnny Hiland* and guitar effect designers at DLS Effects has resulted in a truly exquisite *Growler™* drive effect! It's one of the most versatile analog drives on the market and can be dialed in as a preamp, booster, ripping distortion, amp driver and more. *Analog purists love this pedal!*

The Clarity pot allows the musician to mix as much clean analog signal to whatever preamp or distortion setting the Growler™ is set at (it brings clarity to your sound!). A “Kicker” pushbutton switch provides extra clipping diodes for expanded mid-range, headroom, overall attack and boost. The dynamic EQ section allows Bass and Treble set to taste. The Growler is small, light, but powerful! It can be powered by 9vdc to 12vdc at under 15ma and polarity does not matter!

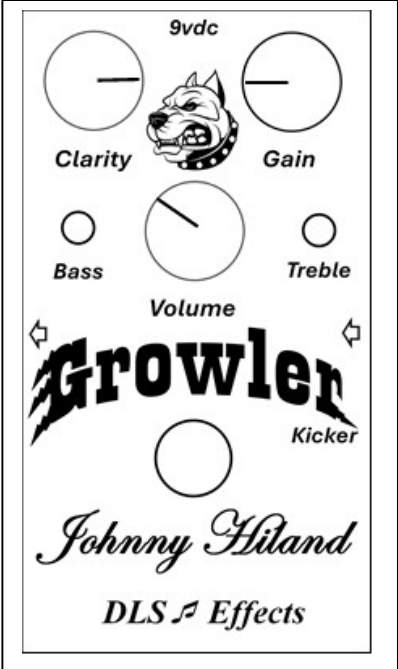
need a preamp? -The Growler has you covered! *need a distortion or overdrive?* -The Growler has you covered!
need an amp driver or Booster? - The Growler has you covered!

Features include:

- **Volume:** Controls the output volume.
- **Gain:** Controls the drive Gain from added edge to full out Distortion.
- **Clarity:** Used to bring clarity mix to any Growler setting.
- **Overall range:** -3dB to +15dB @ 1.5kHz.
- **Bass control:** Full range bass with dynamic response.
- **Treble control:** Wide range treble with dynamic response.
- **Kicker switch:** (pushed out), affects Gain extra attack, more mids, increased edge and brightness.
- **Kicker switch:** (pushed in) reduces mids and provides smoother distortion, great for Teles!
- **On/Off:** True Bypass switching utilizes a high-quality 3P3T switch. (*no tone sucking when switched Off*)
- **IN, OUT:** high-quality standard 1/4" Amphenol guitar jacks.
- **Internal “RT1 Gain1” pot:** Adjusts the amount of drive-gain of the input analog Opamp (clockwise to increase).
- **Internal “RT2 Drive” pot:** Adjusts the input gain to the second stage analog Opamp. (counterclockwise=more signal).
- **High Head Room:** Internal voltage charge pumps to 13vdc for higher headroom & clearer preserved tones with more bite.
- **Power:** Accepts 9vdc to 12vdc input @ under 15ma. Standard 2.1mm jack, any polarity!
- **Size:** Extremely compact measuring only 4.4"L x 2.38"W x 1.06"H (112 mm x 60 mm x 27 mm)
- **Case material:** Quality die cast aluminum enclosure finished with power coat painting for durable finish.
- **Weight:** Extremely light and compact, weighing under 1 pound.



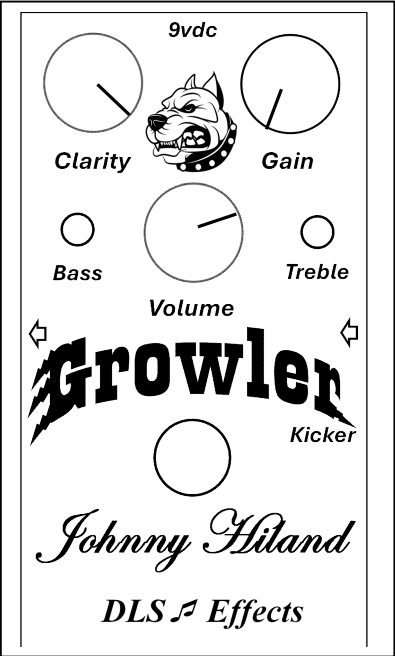
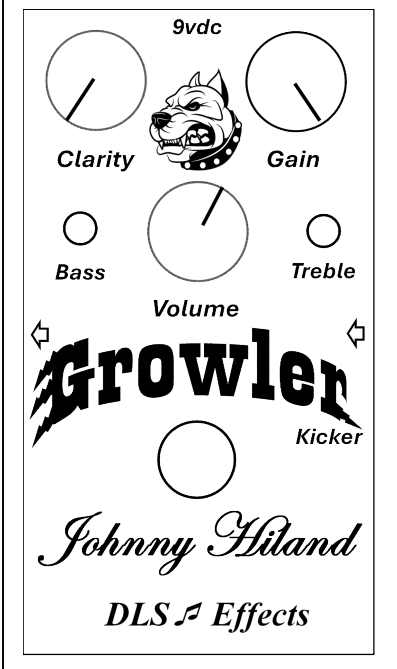
Pre-Amp (Johnny's Favorite!)



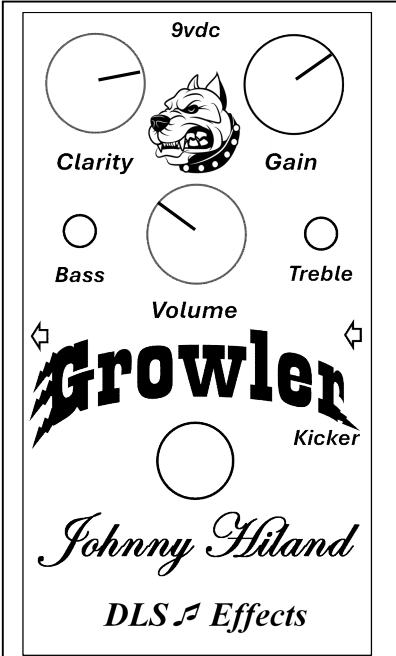
Hair of the Dog



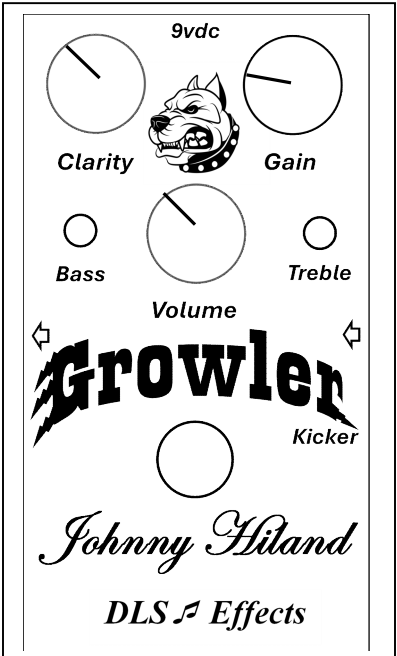
Mad Dog, Beware!



Clean Boost



Growl with Clarity!



Dirty Dog

Drive Pot

CW= smoother drive and distortion

CCW= higher drive and attack

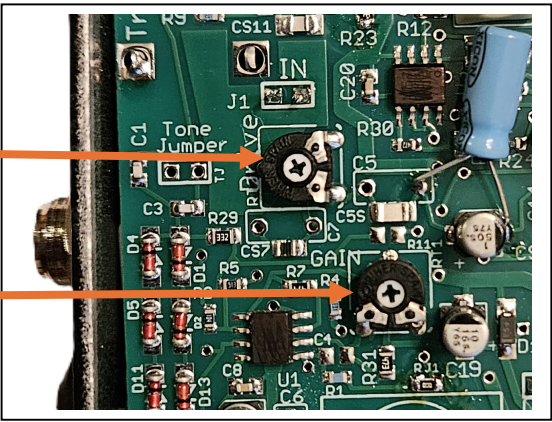
(factory setting full CCW)

GAIN Pot

CW= higher input Gain (more distortion)

CCW= lower input Gain, (less distortion and drive)

(factory setting 1/3 CW)



Warning (Please read for your protection).

Moisture & Water concerns:

This product should NOT be used near water or moisture. Care should be taken so that this product does not fall into liquids and liquids are not spilled onto the enclosure. Do not use this product on a wet lawn, by a bathtub or sink, near a laundry basin, in a wet or damp basement, on wet cement, near a swimming pool, etc).

Power:

A transformer or certified instrument power supply is required for this product. If using a transformer, be sure it is UL or ETL safety approved or listed. If excessive heat or burning smell is discovered coming from this product or the transformer, immediately unplug the transformer and the product and contact your dealer. If using a 3rd party instrument power supply, be sure it meets the Power and Voltage requirements called out in the DLS manual. Rout power supply cords so they are not likely to be walked on, pinched, or damaged.

Hookup & Grounding:

Precautions should be taken so that the grounding and power of this or any product are not bypassed or altered. Improper hookup or grounding of this product can cause injury or even death. If there is any question to proper installation and grounding, please contact a qualified electrician or dealer. For hookup information, please consult with a qualified electrician or dealer.

Service:

To reduce the risk of fire, short circuit or shock, the user should not attempt to service this product, open the enclosure, or alter the product or power input. For any servicing requirements, please send this product and power supply to a qualified dealer.

General:

This product should be handled with care to prevent injury. If there is any question or concern about this product or the hookup of this product, contact a qualified electrician or qualified dealer.

DLS Effects Inc. , web: www.dlseffects.com