Manuals+ — User Manuals Simplified.

GODEATER Plus Normal Mode Dynamic Bass Distortion Demo

ANIMAL FACTORY AMPLIFICATION GODEATER Plus Normal Mode Dynamic Bass Distortion Demo User Guide

Contents

ANIMAL FACTORY AMPLIFICATION GOD EATER Plus Normal Mode Dynamic Bass Distortion Demo

Product Information

Specifications:

- Model: GODEATER+
- Mode: Normal and Sidechain
- Controls: GAIN, PREGAIN, TONE, DIRTY Volume, CLEAN Volume, CUTOFF, XOVER, BASS, BYPASS, SWAP

Product Usage Instructions
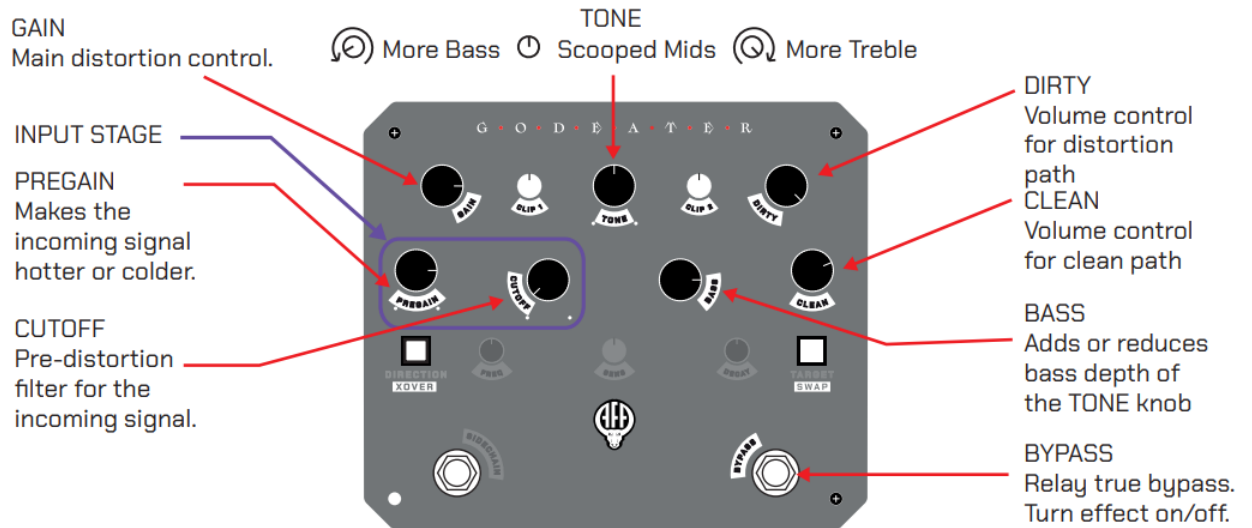
Normal Mode:

- **GAIN:** Controls the main distortion level.
- **PREGAIN:** Adjusts the incoming signal intensity.
- **TONE:** Alters the mid frequencies.
- **DIRTY Volume:** Controls distortion level;
  CLEAN Volume: Controls clean signal level.
- **CUTOFF:** Pre-distortion filter for the input signal. Hold XOVER for 1 sec to enable. Adjust CUTOFF to set crossover frequency. SWAP ON: Distorted lows go to DIRTY, clean highs to CLEAN. SWAP OFF: Distorted highs go to DIRTY, clean lows to CLEAN.
- **BASS:** Adds or reduces bass depth influenced by the TONE knob.
- **BYPASS:** True bypass relay for turning the\ effect on/off.
- **SWAP:** Hold for 1 sec to enable. The square lights up. ON: CUTOFF knob is LOW pass. OFF: CUTOFF knob is HIGH pass (default mode).
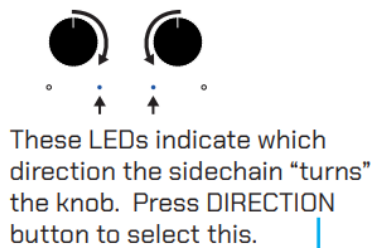
Sidechain Mode:

In this mode, you can control PREGAIN, CUTOFF, and TONE using side switches on the right side of the device. Press the TARGET button to select which knob to control. Use the DIRECTION button to indicate the direction of adjustment based on the LED indication.

FREQ(UENCY): Sets the cutoff point of the sidechain filter. Adjust within the specified range.

NORMAL MODE

GAIN
Main distortion control.

TONE
⟲ More Bass   ⏱ Scooped Mids   ⟳ More Treble

INPUT STAGE

PREGAIN
Makes the incoming signal hotter or colder.

CUTOFF
Pre-distortion filter for the incoming signal.

DIRTY
Volume control for distortion path

CLEAN
Volume control for clean path

BASS
Adds or reduces bass depth of the TONE knob

BYPASS
Relay true bypass. Turn effect on/off.

SIDECHAIN MODE

These LEDs indicate which direction the sidechain "turns" the knob. Press DIRECTION button to select this.

FREQ(UENCY)
Sets the cutoff point of the sidechain filter.
Range: <20 Hz - 10kHz

SENS(ITIVITY)
Controls how responsive the sidechain is.

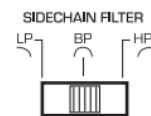When RED:
positive CV /
DIRECTION ->

When BLUE:
negative CV /
DIRECTION <-

You can control PREGAIN, CUTOFF and TONE. Select which knob to control by pressing the TARGET button.

FOOTSWITCH
Turn sidechain mode on or off

DECAY
Length of the sidechain envelope.

SIDE SWITCHES (RIGHT)
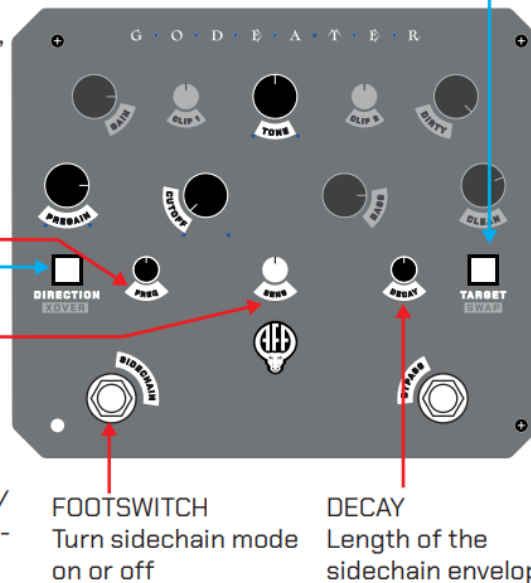
SIDECHAIN FILTER
LP — BP — HP

Select the response of the sidechain filter (FREQ) with this switch.

SIDECHAIN INPUT TYPE
○ CV / EXPR   ● AUDIO
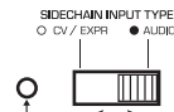
AUDIO: LED On
CV/EXPR: LED Off

Set switch to AUDIO if using an audio signal (external OR internal!) to control the sidechain.

Use the CV/EXPR setting only for control voltage or expression.

SIGNAL FLOW

SWAP HP/LP

DISTORTION CIRCUIT

D **UNATTENUATED DISTORTION ONLY**
Goes to BALANCED PATH

NORMAL PATH

PRE-GAIN **FILTER**
LOW PASS
HIGH PASS (DEFAULT)

GAIN **CLIP STAGES 1 and 2** — DIODE / LED
BASS TONE DIRTY
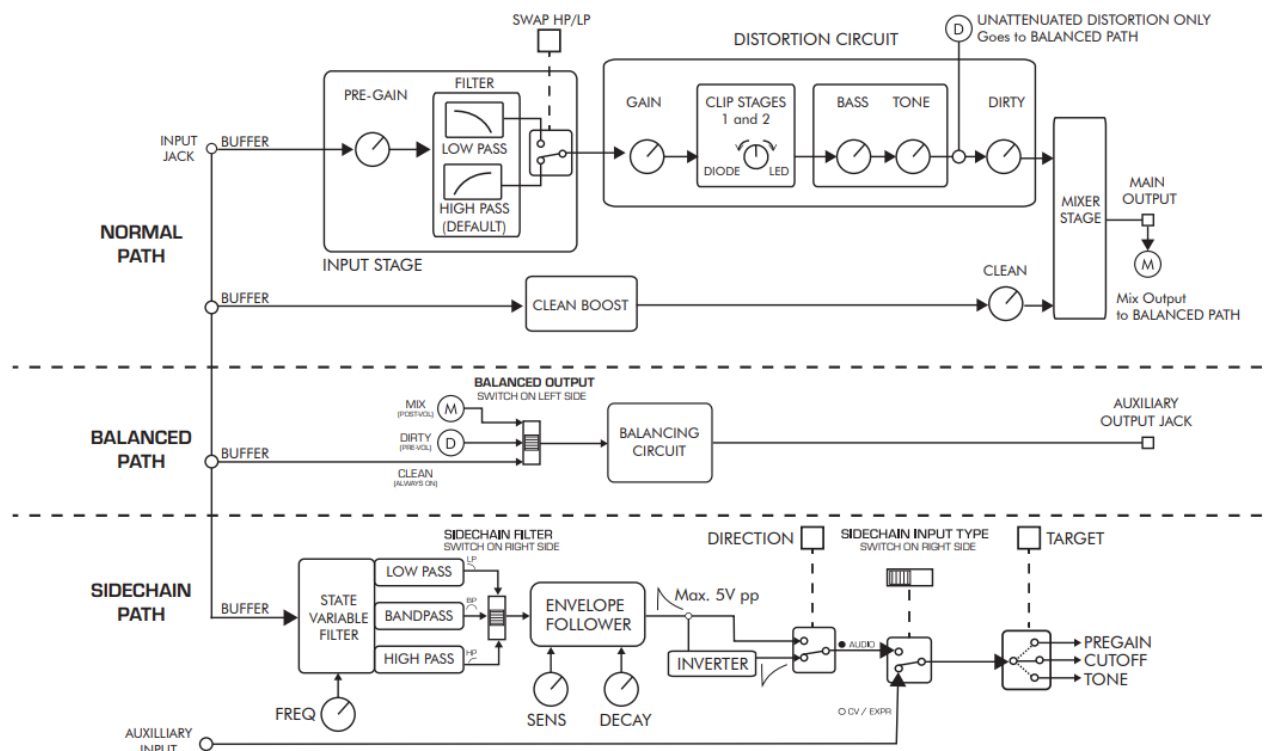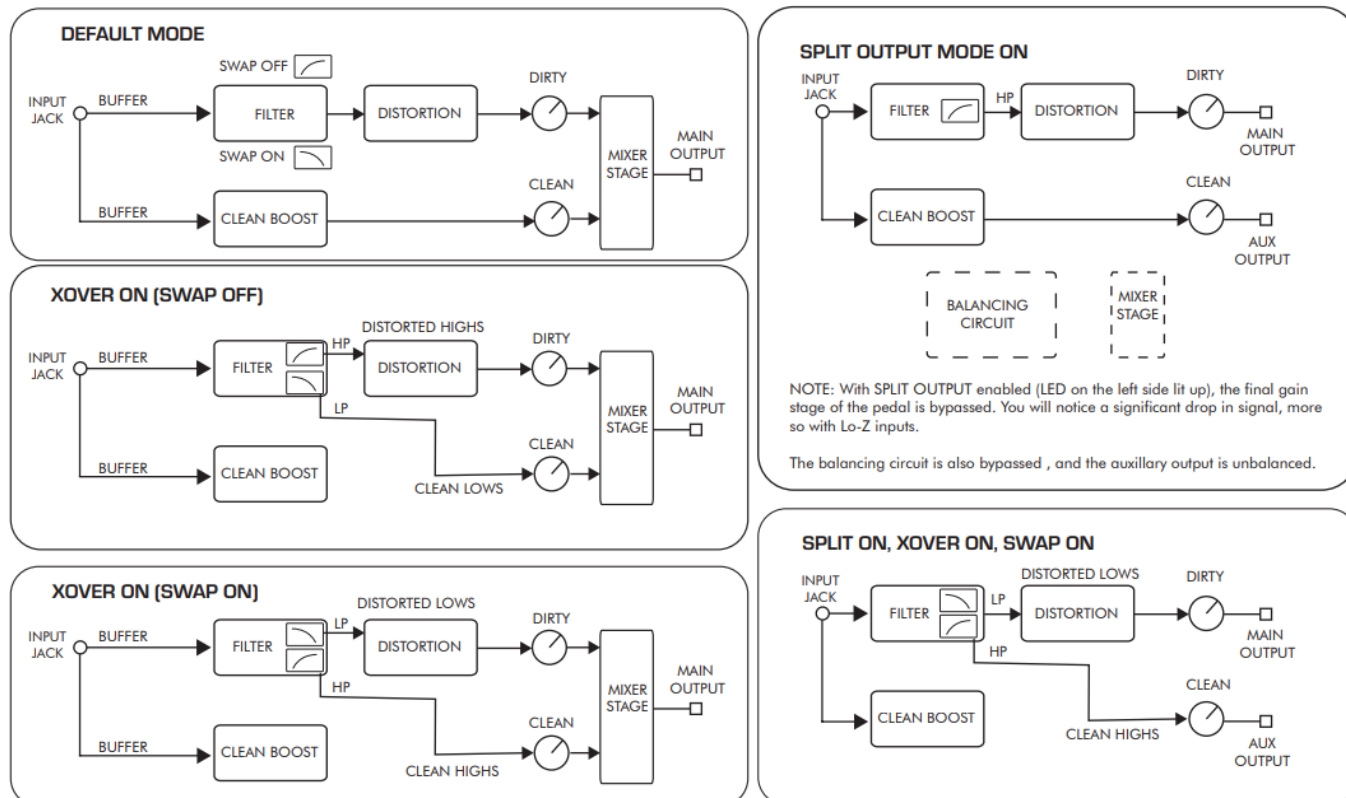
INPUT JACK — BUFFER

INPUT STAGE

MIXER STAGE — **MAIN OUTPUT**
M
Mix Output to BALANCED PATH

BUFFER — CLEAN BOOST — CLEAN

BALANCED PATH

BALANCED OUTPUT SWITCH ON LEFT SIDE
MIX (POST-VOL) M
DIRTY (PRE-VOL) D
CLEAN (ALWAYS ON)

BUFFER — BALANCING CIRCUIT — **AUXILIARY OUTPUT JACK**

SIDECHAIN PATH

SIDECHAIN FILTER SWITCH ON RIGHT SIDE
DIRECTION
SIDECHAIN INPUT TYPE SWITCH ON RIGHT SIDE
TARGET

BUFFER — STATE VARIABLE FILTER
LOW PASS (LP)
BANDPASS (BP)
HIGH PASS (HP)

ENVELOPE FOLLOWER — Max. 5V pp

INVERTER — AUDIO — CV / EXPR

PREGAIN
CUTOFF
TONE

FREQ SENS DECAY

AUXILLIARY INPUT

SIGNAL ROUTING

DEFAULT MODE

INPUT JACK — BUFFER
SWAP OFF
FILTER — DISTORTION — DIRTY
SWAP ON
MIXER STAGE — MAIN OUTPUT
BUFFER — CLEAN BOOST — CLEAN

XOVER ON (SWAP OFF)

INPUT JACK — BUFFER — FILTER
HP — DISTORTED HIGHS — DISTORTION — DIRTY
LP
MIXER STAGE — MAIN OUTPUT
BUFFER — CLEAN BOOST — CLEAN LOWS — CLEAN

XOVER ON (SWAP ON)

INPUT JACK — BUFFER — FILTER
LP — DISTORTED LOWS — DISTORTION — DIRTY
HP
MIXER STAGE — MAIN OUTPUT
BUFFER — CLEAN BOOST — CLEAN HIGHS — CLEAN

SPLIT OUTPUT MODE ON

INPUT JACK — FILTER — HP — DISTORTION — DIRTY — MAIN OUTPUT
CLEAN BOOST — CLEAN — AUX OUTPUT

BALANCING CIRCUIT   MIXER STAGE

NOTE: With SPLIT OUTPUT enabled (LED on the left side lit up), the final gain stage of the pedal is bypassed. You will notice a significant drop in signal, more so with Lo-Z inputs.

The balancing circuit is also bypassed, and the auxillary output is unbalanced.

SPLIT ON, XOVER ON, SWAP ON

INPUT JACK — FILTER — LP — DISTORTED LOWS — DISTORTION — DIRTY — MAIN OUTPUT
HP
CLEAN BOOST — CLEAN HIGHS — CLEAN — AUX OUTPUT
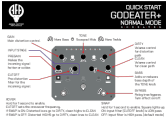
Frequently Asked Questions

- **Q: How do I switch between Normal and Sidechain modes?**

- A: To switch between Normal and Sidechain modes, use the SIDE SWITCHES on the device and follow the instructions provided in the manual.
- **Q: What does the SWAP function do?**
  - A: The SWAP function toggles the behavior of the CUTOFF knob between LOW pass and HIGH pass filters in Normal mode.

Documents / Resources

[**ANIMAL FACTORY AMPLIFICATION GODEATER Plus Normal Mode Dynamic Bass Distortion Demo**](#) [pdf] User Guide
GODEATER Plus Normal Mode Dynamic Bass Distortion Demo, GODEATER Plus, Normal Mode Dynamic Bass Distortion Demo, Mode Dynamic Bass Distortion Demo, Dynamic Bass Distortion Demo, Bass Distortion Demo, Distortion Demo

References

- [**User Manual**](#)