

Bloom Infinity Series | Gnash Distortion Effects Pedal

User Manual





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1. Introduction

Gnash Distortion is a high-quality dual-channel analog distortion pedal that combines The Klowra team's meticulously developed innovative circuitry with precision manufacturing using fully analog, through-hole components. It is designed to deliver a modern distortion pedal that balances classic tones with creative exploration. From tight, modern rhythmic walls to thick, vintage-style fuzz repeats, and from bright, transparent lead tones to heavily compressed crushing textures, *Gnash* covers a wide spectrum of sonic possibilities.

Gnash features a series/parallel switchable dual-channel design, delivering tight, high-resolution, and highly dynamic punch, solid and rich harmonic stacking, or even extreme high-gain distortion for uncontrolled, screaming tones.

The Wavefolder module lets *Gnash* navigate the boundary between distortion and fuzz, fully exploring dynamic inversion and harmonic imbalance possibilities. The carefully designed Mid-Cut module allows the sound to effortlessly shift from thick, blocky tones to aggressive, cutting timbres.

With True Bypass and external dual footswitch support, *Gnash* uses *WildSeed's* real-time analog/digital control to switch instantly between tones, offering versatile performance and ample creative space.



2 Highlights

● *Bloom Infinity Series* - Original artist hand-painted silkscreen artwork, with individual model stories and concepts, all strung together into a cohesive product line.

● Classic Tone, Modern Reinvention - Fully analog through-hole construction combined with meticulously developed innovative circuitry and digital control technology delivers a modern distortion that balances classic character with creative exploration.

● Dual-Channel Distortion - By wiring two distinct distortion channels in series or parallel, you can achieve tight, high-resolution, and dynamic punch, solid and rich harmonic stacking, or even extreme high-gain distortion with uncontrolled screaming tones.

● Wavefolder Module - Navigating the edge between distortion and fuzz, it shatters and reshapes the distorted tone, inverts dynamics, and disrupts harmonic balance to create aggressively sharp sounds.

● Mid-cut Module - A carefully designed frequency-shaping module lets you achieve classic metal-style mid scoops and thick, clear, crushing tone walls with ease.

● WildSeed Real-Time Analog/Digital Control - Using *WildSeed* digital control technology, it supports external TS/TRS footswitches for instant or latched control of channels and three module groups, providing versatility for various performance scenarios and ample space for creative exploration.

● Bypass Mode - True Bypass routes the input signal directly to the output without passing through the internal circuitry, ensuring pure, unaltered tone.

● Built to Last - Premium aluminum alloy chassis, sturdy and reliable, designed for heavy-duty use and life on the road.



3. Controls and Switches

Main Channel *(Controls the core tone)*

These controls shape the core tone of the pedal.

- **DIST**
Adjusts the Main Channel distortion.
- **TREBLE**
Adjusts high-frequency content.
- **MASTER**
Adjusts output level.

The LED Button

Lit when active, press to toggle the **Secondary Channel** on/off. **Press & hold** to save **Snap-Mod**.

- ◆ **White**: Snap-Mod function active;
- ◆ **Violet**: Snap-Mod is actively being triggered.

Secondary Channel *(Active only when Secondary LED is lit)*

The following knobs function only when the Secondary Channel is active.

- **GAIN**
Adjusts the Secondary Channel gain.
- **STONE**
Adjusts the Secondary Channel brightness.
- **SECONDARY LED**
A dedicated visual indicator located on the left, showing whether the Secondary Channel gain stage is currently engaged.

Footswitch

Control ON/OFF; Press & hold to trigger **Snap-Mod**.

Refer to the ***Snap-Mod*** section for details.



4. MOD Selection

The Gnash features three slide switches for core tone shaping. Each switch selects between two distinct modes:

Distortion Texture (Right Switch)

-  - **Wavefolder**: Folds peaks back into the waveform, adding upper harmonics and controlled grit—ranging from a subtle edge to synth-like drive.
-  - **Hard Clip**: Classic hard-clipping distortion with a tight, aggressive crunch and quick attack.

EQ Voicing (Middle Switch)

-  - **Mid Cut**: Scoops the mids to emphasize lows and highs for extra clarity and space.
-  - **'90s Black-Box EQ**: Recreates the classic '90s "black-box" character using a matching voicing curve.

Signal Routing Note (Left Switch)

Signal Routing is effective only when the **Secondary Channel** is engaged.

-  - **STACK**: The Secondary Channel feeds the Main Channel in series, serving as a front-end boost.
-  - **PARALLEL**: The Secondary Channel runs in parallel with the Main Channel, preserving clarity and attack while adding body and thickness.

Snap-Mod

Snap-Mod lets you save a **MOD selection** as a snapshot and switch to it instantly for tonal changes.

When **Snap-Mod** is off, the sound returns to the current MOD selection.

- **Save Snap-Mod: Press & hold the LED Button**
Successfully save is indicated by the LED blinking violet.
- **How to Activate/Exit: Press & hold the footswitch**
When the LED turns violet, you've entered Snap-Mod.



5. Secondary Channel

This independent drive circuit works in conjunction with the Main Channel to expand your tonal palette. It features dedicated **GAIN** and **TONE** controls, allowing you to sculpt a distinct texture that can be added to your core sound.

The character of the Secondary Channel is defined by the Signal Routing switch:

- **→→ STACK (↑)**: Runs the Secondary Channel into the Main Channel. This acts as a gain boost, pushing the distortion into higher saturation—perfect for searing leads and infinite sustain.
- **↔ PARALLEL (↓)**: Runs the Secondary Channel alongside the Main Channel. This layers the two sounds together, adding grit and body while maintaining the attack and definition of your core tone—ideal for complex chords and heavy rhythms.

How to Activate

The **Secondary LED** (left) lights up when engaged, You can engage the **Secondary Channel** via:

- Press the LED Button.
- Use an external footswitch via the CTRL jack.

*Refer to the ***External Control*** section for details.*



6. REAR PANEL I/O

9V DC

Connect a 9V DC power supply with a center-negative polarity and a minimum current rating of 90mA.

Note: Insufficient power may cause the pedal to malfunction.

IN (Mono)

1/4" TS mono input for your instrument.

OUT (Mono)

1/4" TS output carrying the effected signal.

CTRL

1/4" stereo (TRS) input for connecting an external footswitch.

*Note: Expression pedals are **NOT** supported. Please refer to the ***External Control*** section for information on how the connected device is detected.*



7. External Control

Connection & Activation

When connecting an **external TS/TRS footswitch**, the LED indicator will flash red. Repeatedly tap the external footswitch during this state. Once the connection is successfully recognized, the *Gnash* will return to normal operation.

Functionality

This setting defines how the pedal responds to Single or Dual footswitch connections.

- **Single Footswitch:** Toggles the Secondary Channel on/off.
- **Dual Footswitch:**
 - Tip (A): Toggles the Secondary Channel on/off.

Ring (B): Toggles Snap-Mod on/off.

Note: If the External Control is not fully activated, it may result in limited functionality. Please also note that expression pedals are NOT supported; connecting one may cause the device to malfunction or limit its functionality.



8. Power-Up Modes

How to enter Power-Up Modes

Press and hold the footswitch while powering on the pedal. The **LED button** and **Secondary LED** will light up solid to indicate successful entry.

Once your settings are configured, short-press the footswitch again to exit **Power-Up Modes**.

In this mode, you can adjust the following settings:

Footswitch Trigger Modes

This setting configures the trigger logic for the Secondary Channel (via External Footswitch) and the Snap-Mod function.

Switch between modes by short-pressing **the LED Button**.

◆ **Momentary:**

The function is active only while the footswitch is held down. It deactivates immediately when the footswitch is released.

LED red flashes to indicate **Momentary** mode.

◆ **Latched:**

Trigger the function once to lock it on. Trigger it again to release.

LED green flashes to indicate **Latched** mode.

LED Brightness

Adjusts the brightness for both the LED Button and the SECONDARY LED.

Press and Hold the LED Button to start the adjustment cycle. The brightness will ramp up from the current level to the maximum, and then ramp down to the minimum.

◆ **To Increase Brightness**

The light will gradually brighten. Release the button immediately when the desired intensity is reached.

◆ **To Decrease Brightness**

Continue holding the button past the maximum brightness level. The light will begin to dim. Release the button when the desired lower intensity is reached.



9. Specifications

Inputs	1 x 1/4" TS Instrument jack	Outputs	1 x 1/4" TS Instrument jack
Input Impedance	1M Ohm	Output Impedance	1000 Ohm
Power Source	9V DC power supply required	Current Draw	90mA
External Control	TS/TRS Momentary footswitch	Bypass Mode	True Bypass
Weight	315.6 g / 0.696 lb	Dimensions	54.7mm H x 124.8mm D x 69.2mm W (2.0"H x 4.9"D x 2.7"W)



Where Every Tone Blooms.