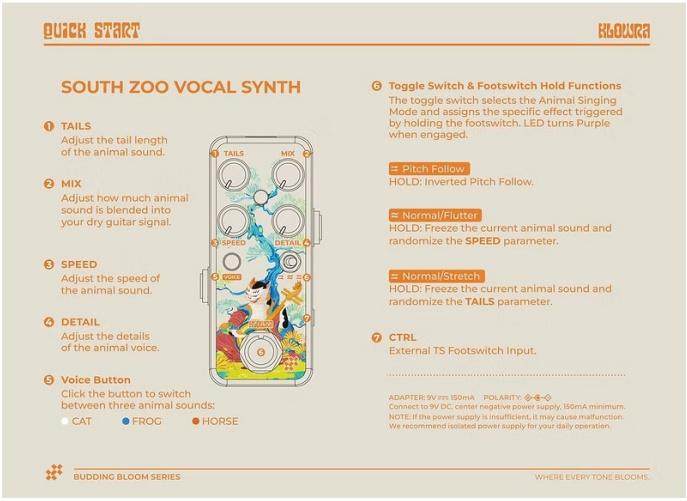


Quick Start



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Introduction

Thank you for choosing the SOUTH ZOO VOICE SYNTH by Klowra. SOUTH ZOO VOICE SYNTH: A curious menagerie hidden in your signal chain. It is a bizarre auditory illusion: you strike a string as usual, but what emanates from your amp might be the animal-inspired synthesized vocal textures. SOUTH ZOO is far from a mere novelty/gimmick polyphonic synth; it is an animal-inspired synthesizer pedal that blends surreal character with sophisticated DSP architecture. It abandons cold, clinical digital synthesis. Driven by a powerful triple-voice synthesis algorithm and smooth low latency polyphonic tracking, SOUTH ZOO acutely captures your picking dynamics, naturally blending bizarre animal vocal tracts with your guitar signal. This sound is no mechanical overlay; it interacts delicately with your notes, responding to every rise and fall through dynamic envelope decay. Within this curious menagerie, you can adjust parameters to explore the textures of cat, frog, and horse synth voices, meticulously sculpting your ideal soundscape. By holding down the footswitch, you instantly trigger dramatic reverse pitch-swallows and infinite wails via signal freeze. This is more than a boundary-pushing experiment; it is a studio-quality pedal that translates emotional tension into pure musical expression.

Controls

Voice Button

Selects the core tonal character and modulation behavior of the effect. Click the button to cycle through three distinct animal-inspired sound profiles, indicated by the LED color:

- CAT (White LED):** Delivers a vocal, wah-like effect. It provides a dynamic and expressive filter sweep that mimics a distinct "meow" character, adding a smooth, vocal quality to your playing.
- FROG (Blue LED):** Features a unique modulation where the sustain or trails transform into rhythmic, repeating frog croaks. This adds a quirky, pulsating texture to your lingering notes.
- HORSE (Orange LED):** Produces a sharper, more piercing tone. With an aggressive, high-frequency bite, this mode ensures your sound cuts clearly through the mix with a bright, distinct edge.

TAILS

Adjust the tails of the animal voice.

MIX

Adjusts how much animal sound is blended into your dry guitar signal.

SPEED

Adjusts the loop speed of the animal sound.

DETAIL

Adjust the specific character and details of the animal voice.

Footswitch

Control ON/OFF; Press and hold to trigger specific functions based on the current active mode. The LED turns purple when a specific function is engaged.

Toggle Switch

Select the tracking behavior (obedience level) of the Animal Singing Mode and assigns the specific function triggered by holding the footswitch.

- ⇄ (Pitch Follow):** Voices perfectly lock onto your guitar's pitch. **Specific Functions :** Activates Inverted Pitch Follow—low notes trigger high-pitched screams, and high notes plunge into deep roars, creating a massive sonic landscape.
- ≈ (Normal/Flutter):** Severs the tracking for flat, robotic, lo-fi noise. **Specific Functions:** Freezes the animal voice into a continuous, grotesque wall of sound while randomizing the **SPEED** parameter.
- ≡ (Normal/Stretch):** Severs the tracking for flat, robotic, lo-fi noise. **Specific Functions:** Freezes the animal voice into a continuous, grotesque wall of sound while randomizing the **TAILS** parameter.

Indicator LED

The LED color indicates the selected **VOICE** type. In bypass, the LED is off.

Rear Panel I/O

9V DC

Connect to a 9V DC power supply with a center-negative polarity and a minimum current rating of 150mA.

Note: If the power supply is insufficient, the pedal may malfunction.

IN L (Mono)

1/4" mono (TS) unbalanced left input for mono setups.

OUT L (Mono)

1/4" mono (TS) unbalanced left output for mono setups.

CTRL

3.5mm TS input for connecting an external footswitch.

*Note: This input only recognizes **TS footswitch signals** to trigger the **specific function**. Its operation is identical to a long press of the onboard footswitch (**momentary trigger, no insertion detection**).*

Power-Up Modes

How To enter Power-Up Modes:

Press & hold the footswitch while powering on the pedal. A flashing LED indicates successful entry. Once your settings are configured, press the footswitch again to exit **Power-Up Modes**.

In this mode, you can adjust the following settings:

Bypass Modes

Switch between modes by short-press the **VOICE button**.

- True Bypass**
The signal is routed directly through the pedal with no buffering or coloration. **Green LED flashes** to indicate True Bypass mode.
- Buffered Bypass**
The signal is routed through a buffer with Analog Dry Through, allowing delay trails to continue after the effect is bypassed. **Red LED flashes** to indicate Buffered Bypass mode.

LED Brightness

Adjust by rotating the **SPEED** knob.
- Turn fully left for dimmest.
- Turn fully right for brightest.

Specs

Inputs	1 × 1/4" TS instrument jack Outputs 1 × 1/4" TS instrument jack	Outputs	1 × 1/4" TS instrument jack
Input Impedance	500k Ohm	Output Impedance	100 Ohm
Sampling Accuracy	24-bit AD/DA Conversion & 32-bit Floating-Point DSP	Max Input Level	+7 dBu
Power Source	9V DC power supply required	Current	150mA
External Control	TS footswitch only	Bypass Mode	Bypass Mode Switchable: True Bypass, Buffered Bypass
Hardware Interface	USB-C	Dimensions	51mm H x 92mm D x 38mm W (2.0"H x 3.6"D x 1.5"W)

Find Your Vibe

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Octave / Pitch Shifting
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Accessories

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