WALRUS AUDIO CANVAS VOLUME

All-Analog Volume Pedal



- Item: 71065
- EAN Number: 810424037984
- Packaging Dimensions: 25 x 11 x 6.6 cm
- Weight: 1.13 kg
- Images | Translations | User Manual

Need to know for retailers

- New addition to the Canvas line of products from Walrus Audio, featuring a custom enclosure design with useful features not commonly found on traditional volume pedals, built from a mix of steel and aluminum for a robust yet pedalboard-friendly weight
- Built around a precision position sensor and high-quality VCAs, delivering a premium, fully all-analog signal path without strings, pots, or gears to wear out, get scratchy, or fail
- Flexible signal routing supports mono in / mono out with dedicated tuner out, mono in / dual mono out, or full true stereo operation to integrate easily into a wide range of rigs
- Control interface tucked under the heel of the pedal, using two buttons and LED indicators to select and edit parameters while keeping settings protected during performance
- User-adjustable controls for taper, minimum on volume, maximum gain, and lag, including eight taper options modeled after popular real-world volume pedals, allowing players to shape feel and response to best fit their rig and playing style



Product Features

- Robust, all-analog volume pedal with unprecedented control, reliability, and flexibility
- Built around a contactless precision position sensor and high-quality VCAs
- All-analog signal path without mechanical compromises of traditional volume pedal designs
- Contactless design without strings, pots, or gears for consistent performance night after night
- Shape the feel and response of the volume pedal to best fit your playing style
- User interface discreetly located under the heel of the pedal
- Two-button control with LED indicators for clear parameter selection
- Fully adjustable features such as taper, minimum on volume, maximum gain and lag
- Taper control offers eight sweep curves modeled after popular real-world volume pedals
- Minimum On adjusts heel-down attenuation from near mute to partial signal
- Max gain provides unity level with up to +9 dB boost at toe-down
- Lag introduces delayed volume response for smoother transitions
- Housed in a rugged steel and aluminum chassis balancing durability with pedalboard-friendly weight
- Supports flexible routing including mono with tuner out, dual mono, or true stereo operation
- Built-in Utility Menu for deeper system control
- USB-C port for firmware updates via walrusaudio.io
- High-impedance 1 MΩ input preserves tone from passive instruments
- Powered by isolated 9V DC, center-negative, 300 mA minimum
- Designed and assembled in the USA



Description

The Canvas Volume Pedal is designed to give players unprecedented control, reliability, and flexibility from a volume pedal. Built around a precision position sensor and high-quality VCAs (Voltage Controlled Amplifiers), Canvas Volume delivers a premium, all-analog signal path without the mechanical compromises of traditional designs. Shape the feel and response of Canvas Volume to fit your playing style with customizable features, including multiple tapers modeled from existing volume pedals, minimum-on volume, maximum gain, and lag.

No strings. No pots. No gears. Nothing to wear out, get scratchy, or fail mid-set. With contactless position sensing and a robust metal chassis, Canvas Volume is designed for players who demand consistency night after night. It's a modern volume pedal built to solve old problems without sacrificing tone or feel.

Housed in a rugged steel and aluminum chassis that balances durability with pedalboard-friendly weight, Canvas Volume is engineered for years of consistent performance on stage, in the studio, and everywhere in between.

Fully Analog Signal Path, Digitally Controlled Precision

Canvas Volume uses a precision position sensor to track pedal movement and translate it into smooth, musical volume changes via high-quality analog VCAs. The result is the feel and tone players expect from a classic volume pedal, paired with modern consistency and control.

Flexible Signal Routing

Designed to integrate seamlessly into virtually any rig, Canvas Volume supports multiple signal flows:

- Mono In / Mono Out with Dedicated Tuner Out
- Stereo In / Stereo Out
- Mono In / Dual Mono Out

Whether you're running a simple mono setup, a stereo board, or need dual outputs from a single input, Canvas Volume adapts easily to your workflow.

Deep Customization Under the Heel

The control interface is discreetly tucked under the heel of the pedal, keeping your settings safe while remaining easy to access. Two buttons and LED indicators give you control over four powerful parameters:

Taper

The taper defines how your volume changes across the pedal's sweep - and it's the key to dialing in the perfect feel. Canvas Volume includes our own custom-designed taper plus seven carefully modeled tapers from classic, real-world volume pedals. Taper 1 is custom-designed specifically for the Canvas Volume, aiming to provide an ultra-smooth response for guitar players. Tapers 2-6 provide more traditional audio tapers modeled after popular volume pedals. Tapers 7 and 8 feature models from pedals with a more linear response favored by pedal steel players:

1. Taper One (Canvas Taper)
2. Taper Two (Lehle model)
3. Taper Three (Boss model)
4. Taper Four (Dunlop model)
5. Taper Five (Ernie Ball VP Jr model)
6. Taper Six (Hotone model)
7. Taper Seven (Hilton model)

8. Taper Eight (Goodrich model)

Minimum On
Sets how much signal passes through when the pedal is fully heel-down. At its lowest setting, Canvas Volume provides extreme attenuation (about -90dB). Raising this value allows some signal to remain at heel-down, perfect for volume swells that never fully disappear or for faster response at the start of the sweep.

Gain
Controls the maximum output level at toe-down. Unity gain (0dB) sits at the default setting, with additional headroom available in 3dB increments, up to +9dB, making Canvas Volume equally capable as a clean volume boost.

Lag
Lag introduces a delay between pedal movement and volume response, smoothing out transitions and enhancing swells. From immediate, fast response to a dramatic 2-second lag, this parameter lets you fine-tune the pedal's feel to your playing style.
Note: Lag works alongside whichever taper you've chosen and will respond to that taper's curve. For example, a linear taper curve will have an equal amount of lag going from toe down to heel down positions. Lag following a non-linear curve will swell into a toe-down position quicker than going into a heel-down position.

Utility Menu & Advanced Functions

- Factory Reset – Restore all settings to factory defaults
- Calibration – Easily recalibrate pedal travel for precise operation
- Mono Mode Selection – Choose between tuner output or dual mono output when running mono
- DFU Mode – For firmware updates (only when directed by Walrus Audio support)

These tools ensure your pedal stays dialed in, accurate, and ready for long-term use.

Specs
- Power Requirements: 9VDC, 300mA, Center-Negative, 2.1mm. Power supply not included.
- Input Impedance: 1 MΩ
- Output Impedance: 330 Ω
- Frequency Response: 20 Hz – 20 kHz
- Inputs: 2 × 1/4" unbalanced TS
- Outputs: 2 × 1/4" unbalanced TS
- USB-C: For firmware updates via walrusaudio.io
- Power Requirement: Isolated 9 V DC, center-negative, 300 mA minimum
- Size: Height 4.8 cm × Width 9.1 cm × Depth 22.5 cm
- Weight: 1.0 kg

WALRUS AUDIO CANVAS VOLUME - B2B Download Link


CANVAS VOLUME


IN L
IN R
OUT L
OUT R / TUNER
WALRUS AUDIO
9VDC · 300mA
USB C


TAPER
MIN
GAIN
LAG
1
2
3
4
5
6
7
8


WALRUS
AUDIO
9VDC · 300mA
USB C