

Technical Specifications

Power supply: 9V DC center negative (Boss style) — never connect higher voltages!
Current draw: 22 mA max
Input impedance: greater than 1 MOhm
Output impedance: less than 150 Ohm
Input level: accepts +4dBu line level
Effect switching: true bypass
Pedalboard footprint: 122 x 66 mm

Warranty

Do not open the unit, there are no user serviceable parts inside. Opening the unit will void the product warranty.

All ChiralityAudio products are guaranteed to be free from manufacturing defects for two years from the date of purchase. All components are tested before, during, and after the product assembly completes. We will repair or replace defective units at no charge to you for parts or for labor within the warranty period, provided, however, that we reserve the right to determine whether the product is “defective” for purposes of this Warranty. This warranty does NOT cover enclosures, paint, screws and knobs. Warranty does not apply to products which have been abused, misused, or repaired by third parties.

We will always repair out of warranty products at very reasonable bench fees. In all instances the customer is responsible for shipping both ways.

As a general rule: if there is a problem, get in touch and we will work together to fix it.

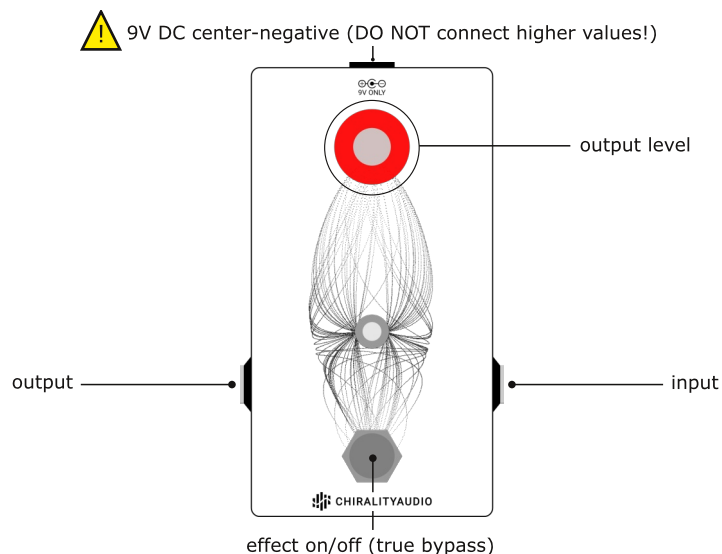


CHIRALITYAUDIO

Music is our passion,
uncompromising quality our way.



BLACK SWAN



Thank you so much for buying a ChiralityAudio Black Swan.

The Black Swan is a high gain distortion/fuzz designed for those players who want to go beyond traditional fuzzes. We designed the circuit with a modern approach: defined sound, natural representation of your instrument and dynamics, extended bass frequency response, no harsh treble, no gating.

A high performance input buffer allows you to put the Black Swan anywhere in the chain, there are no rules, just your choices! You will get reliable tones with different instruments and pickups, no matter where the effect sits.

Quick start

The unit needs an external 9V DC center negative power supply to operate. Battery operation is not supported. **Do not connect higher voltage values** as they will have no impact on the sound, but will damage the internal circuits.

The effect is turned ON/OFF using the footswitch. The LED indicator will turn on when the effect unit is engaged. The switch is true bypass, meaning that your sound will not be altered in any way when the unit is not engaged.

The Black Swan can handle input levels up to line level (+4dBu), like those generated by synthesizers, drum machines, tape decks, etc... If you need to connect higher input levels (e.g. modular synths or studio inserts) you must attenuate the signal before entering the pedal.

Controls & behavior

The Black Swan has one simple control: output volume. Unity gain is approximately between 10 and 11 o'clock. Turn the knob past noon to unleash the beast, the Swan is LOUD!

Increasing or decreasing the level does not change the behavior of the pedal, however the more you crank it the more you are going to push the front end of the amp. This will result in more saturation and compression from the amp, and overall tone may slightly change since you would hit the amp in different ways.

Using Black Swan on a very clean channel amp gives you more headroom and a gentle fuzz character.

Using Black Swan on a pushed clean tube amp will bring more grit and compression to your tone, and this combination will also accentuate the fuzz soul of the Swan.

We invite you to experiment and choose the configuration that best suits your tone research and taste.

Don't be fooled by the "one knob" format, the Black Swan is not a one trick pony pedal!

From stoner to modern blues, from post-rock to aggressive electronic music, the Black Swan will handle whatever you throw at it: chunky guitar rhythms, thick single notes riffing, singing melodies and solos, electric bass, synths, and even drum machines!

Once again, experiment with different sources.

Tip: We suggest to try the Black Swan in a parallel path on your synths. This will leave intact your source but add grit, texture and character to your tone. If you're using a mixer in your setup you can configure the parallel path via aux send/return.

Thanks to its high performance input buffer in the signal path the Black Swan will:

- Interact well with your instrument, playing and dynamics! Clean your tone by just rolling down the guitar/bass volume, and you will still get a precise and natural representation of the instrument! You can get a lot more colors and dynamics all over the distortion range, from smooth drive to savage distortion. This would not be possible with a classic fuzz design.
- Give great intelligibility over your playing! Whether you're playing complex voicing chords, dense arpeggios or super fast shred solos, the Black Swan will leave intact all the nuances of your playing. This is possible thanks to the 16V headroom of the internal signal path.
- Allow endless combinations within your setup! You don't need to put the Black Swan first in the chain like as with traditional fuzzes, feel free to put it after your reverb to dirty up the tails or anywhere else in the chain. The Black Swan works great in combination with ambient effects, making it a great choice for shoegaze and post-rock sounds with doomy distortions and ethereal leads!

Black Swan has been designed to have an extended response on bass frequencies. The unit behaves extremely well with downtuned and/or baritone guitars, and - though it doesn't go in the sub lows register - it works like a charm on bass for big lows/low mids and gritty midrange perfect for that QOTSA and post-rock tones!

Tip: We voiced the Black Swan to be smooth and not harsh on mid/high frequencies. Certain amps or instruments may naturally enhance a specific range in the high register. If this happens, and it is not to your taste, simply roll off the tone knob of your guitar/bass.

Enjoy your Black Swan and have fun!