

# Black LTD. Voltage Comp.

Finally. A compressor that works.

The Black LTD. Voltage Comp. is a unique, high-headroom, pure-analog dynamic range compressor & limiter built around a proprietary voltage-controlled-amplifier heart/core, employing ideally matched impedances and a powerful output-driver amplifier capable of delivering constant, smooth sustain and dynamic signal content compression in addition to driving long cable runs with minimal signal loss.

The Attack Speed control allows the operator to tune the compression response to their specific needs, from slow and squishy, to lightning fast and nearly in-audible.

The Black LTD. Voltage Comp. has been designed for use with both active and passive instruments and can handle signals of up to 4.2V peak-to-peak before the onset of clipping.

Every Mr. Black pedal is 100% designed and handmade in the pacific-northwest: here in south-east Portland, OR.

## Quick-Setup, Tips and Tricks:

- Start with all controls at noon.
- Adjust COMP. RATIO and OUTPUT LEVEL to match bypass signal levels.
- Trim the ATTACK SPEED to taste; lower settings for “chicken pickin” higher settings for loads of transparent, smooth sustain.
- True-bypass
- 9VDC power (2.1mm negative center pin adapter) or internal 9V battery.

To replace the 9V battery, grab your trusty philips head screwdriver and remove the four screws holding the backing plate on. The battery sits right below the foot-switch. I think you can handle the rest.

If you haven't already, join the Black List for news, specials, promos and even the occasional hot dog.

Visit:

[www.mrblackpedals.com](http://www.mrblackpedals.com) to sign up. Its free. And free is a good color on you.

## Controls:

OUTPUT LEVEL: Output volume  
Full CCW: Mute.  
Full CW: Maximum.

ATTACK SPEED: Transient Response  
Full CCW: Very Slow.  
Full CW: Very Fast.

COMP. RATIO:  
Full CCW: Zero Compression.  
Full CW: Heavy Compression.

BYPASS SWITCH: Toggles on/off  
LED on: **Compression.**  
LED off: Bypass.

## Tech stuff:

Input impedance: ~470KΩ  
Output impedance: <2KΩ  
Bypass: True-Bypass  
Current draw: <15mA  
Power requirement: 9VDC adapter or 9V battery