

# Black LTD. Phaser Vibe

A tribute to one of the early classics.

Make no mistake, at its core the Black LTD. Phaser Vibe is a phase-shifter, but it's a phase-shifter with some pretty clever internal design details which allow it to mimic one of the all-time greatest effects ever created (which also happens to be a phase shifter): the Univibe.

You'll find vintage phaser tones, Univibe tones, pitch-vibrato and a myriad of combinations thereof held within those three simple knobs, although the Intensity control is likely the most powerful. The intensity control works much like a classic phaser "width" control, but as the control is increased, the phase relationships of the LFOs driving each phase-shift stage begin to change creating an overlap in the shift corner-frequencies producing that classic watery "chorus" and signature throb.

You probably already know, but every Mr. Black pedal is designed and handmade in South-East Portland, Oregon U.S.A.

## Tricks, Tips, and Mmmhmms:

- Start with all knobs at noon, and just feel the vibe and enjoy the moment.
- Increasing the Intensity control not only changes the intensity of the effect, but also changes the phase relationship of the phase-shift stages. (Most notable/prominent at 2:30 and over)
- Dial the Chorus|Vibrato control to maximum for pitch-vibrato (best with higher speed settings)
- True-bypass
- 9VDC power (2.1mm negative center pin adapter) or internal 9V battery.

Your pedal did not ship with a battery, but if you'd like to install or replace the internal 9V battery, grab your trusty phillips 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.

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## Controls:

INTENSITY: LFOs amplitude/phase angle

Full CCW: Minimum

Full CW: Maximum

CHORUS|VIBRATO: Mixer

Full CCW: No Chorusing

Full CW: Pitch-Vibrato

SPEED: LFOs frequency

Full CCW: S-L-O-W

Full CW: *Fast*

BYPASS SWITCH: Toggles on/off

LED on: **Vibe with me**

LED off: Nah.

## Tech stuff:

Input impedance: ~470K $\Omega$

Output impedance: ~2K $\Omega$

Bypass: True-Bypass

Current draw: <60mA

Power requirement: 9VDC adapter or 9V battery