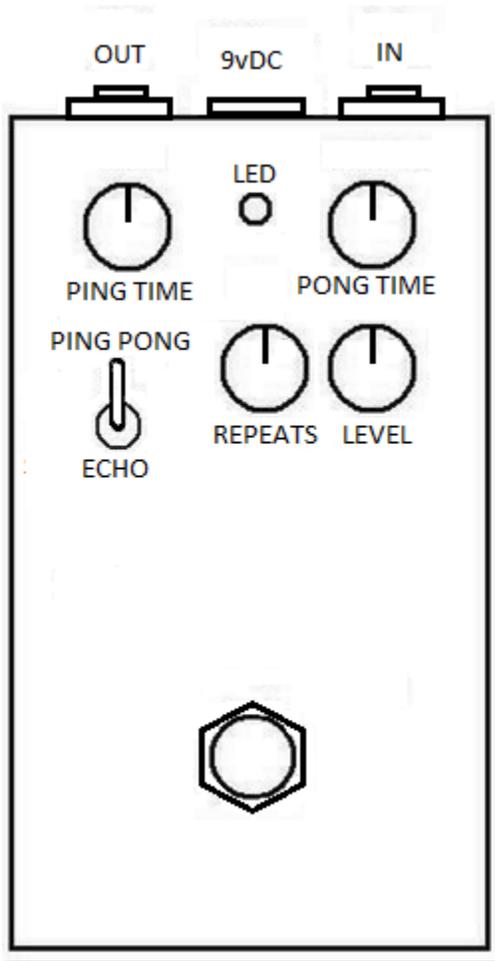


# Digital Echo with Ping Pong



**Ping Time:** Controls the time of the first delay chip.

**Pong Time:** Controls the time of the second delay chip.

**Repeats:** Controls how many times the delay repeats.

**Level:** Controls the volume of the delay signal.

**Mode Switch:** Toggles between Echo mode and Ping Pong mode.

- Echo: Combines ping time and pong time for a total of 800 ms of delay time.

- Ping Pong: allows the two delay time controls to operate independently, for a total of 400 ms of delay time available, and full control of the offset between the Ping time and the Pong time.

Input Impedance: 2.2M Ohm

Output Impedance: 470K Ohm

Current Draw: 70 mA

# Built By Abel

## General Information

**Power Requirements:** All pedals require 9 volts DC (direct current) from a 9VDC Power Supply with a 2.1 mm centre negative barrel jack. Look for this symbol to determine the polarity of the power supply.



Any standard power supply for guitar pedals such as the Dunlop Crybaby or the Boss Compact series like the DS-1 Distortion will work and are available at most music stores. Most pedals Built by Abel can also be powered via a 9V Battery (*except the Analog Delay, Soaring Skillet, Divided Octave, Stereo Flanger, and the Amp Selector & Stereo FX Router*). Pedals with battery power available are wired so that when a battery is in the pedal and a power supply is plugged in, the battery is bypassed so it does not get drained. (*Note: it is not a good idea to leave a battery in the pedal for a long time unattended because they could leak and damage the circuit*) If you use a battery to power your pedal, unplug the "IN" jack when not in use to conserve battery life.

**Guarantee:** Your pedal is guaranteed to be properly built with quality components and tested to be free of defect. That being said your pedal is not guaranteed if damaged through misuse, accidental or otherwise. Built By Abel reserves the right to determine what constitutes misuse of the pedal including powering pedals with unapproved power sources. Only the footswitches are to be stepped on, *do not* use your foot to turn dials or throw toggles. If you should have any issue with your pedal do not hesitate to contact [BuiltByAbel@live.com](mailto:BuiltByAbel@live.com) for support.