

## Sound - Solenoid Driver

### Sound Activated Solenoid Driver Board

Board accepts audio input from any non-amplified sound source (Computer, CD player, Digital Sound Board or Microphone) and activates a Solid State Relay ON and OFF in sync with the incoming audio signal.



The on-board 1 Amp Solid State Relay can be connected to any device using (3-60 Vdc @ 1 Amp power). Common application include driving a pneumatic solenoid valve, water valve to sound or operating large bank of LED's -DC lighting to the incoming sound.

Board Size Approx:  
3-1/4" L x 2-3/8" W x 3/4" H  
Relay = 1 Amp @ 60 VDC

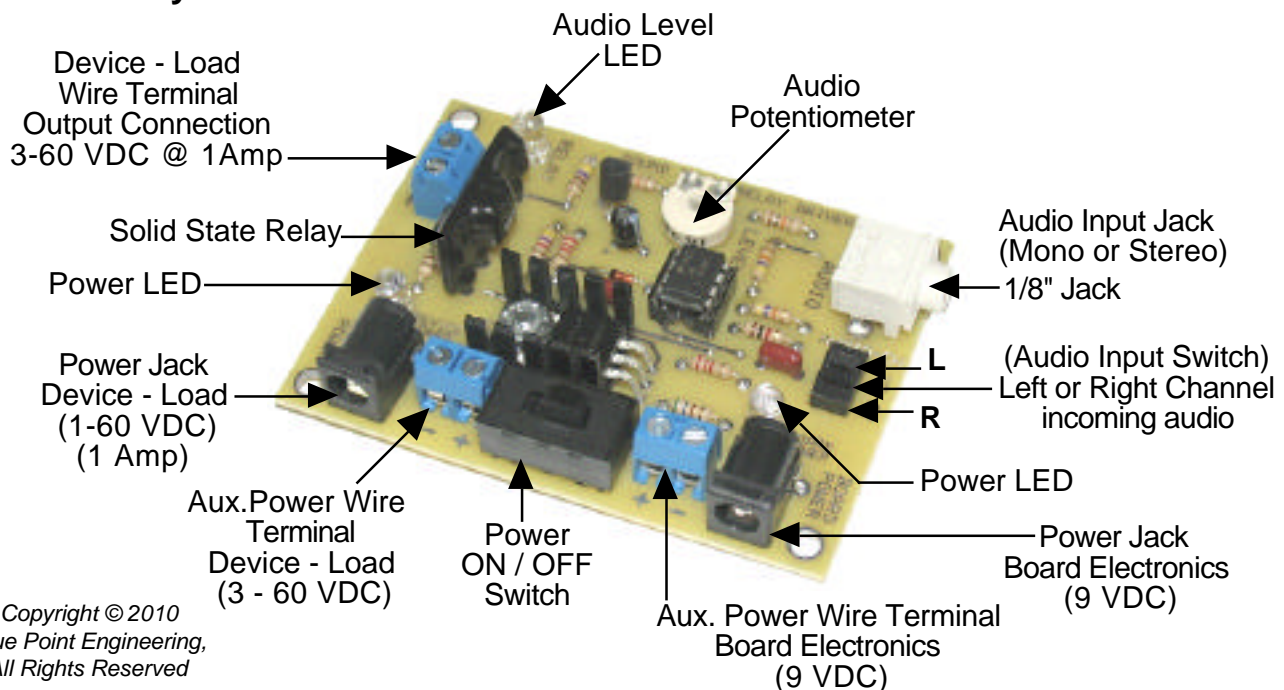
There is an on-board potentiometer that is used to adjust the sensitivity to the incoming sound. The board has a 1/8" phono jacks for input that can be switched as a left or right audio input signal for more precision audio sync to incoming sound signal track.

An on board LED indicates when the 1 Amp Solid State Relay is activated. Relay has wire terminal block contacts for connecting directly to device / load and quick connect power jack or wire terminal block for device power input.

Board can operate devices / loads requiring 3-60 VDC at 1 Amp load.

Board uses two power inputs, one for the on-board electronics and another for the solenoid valve. (9-12 Board Power, and 3-60 Vdc Load Power). Max Relay Output Current = 1 Amp / 60 VDC

### Board Layout



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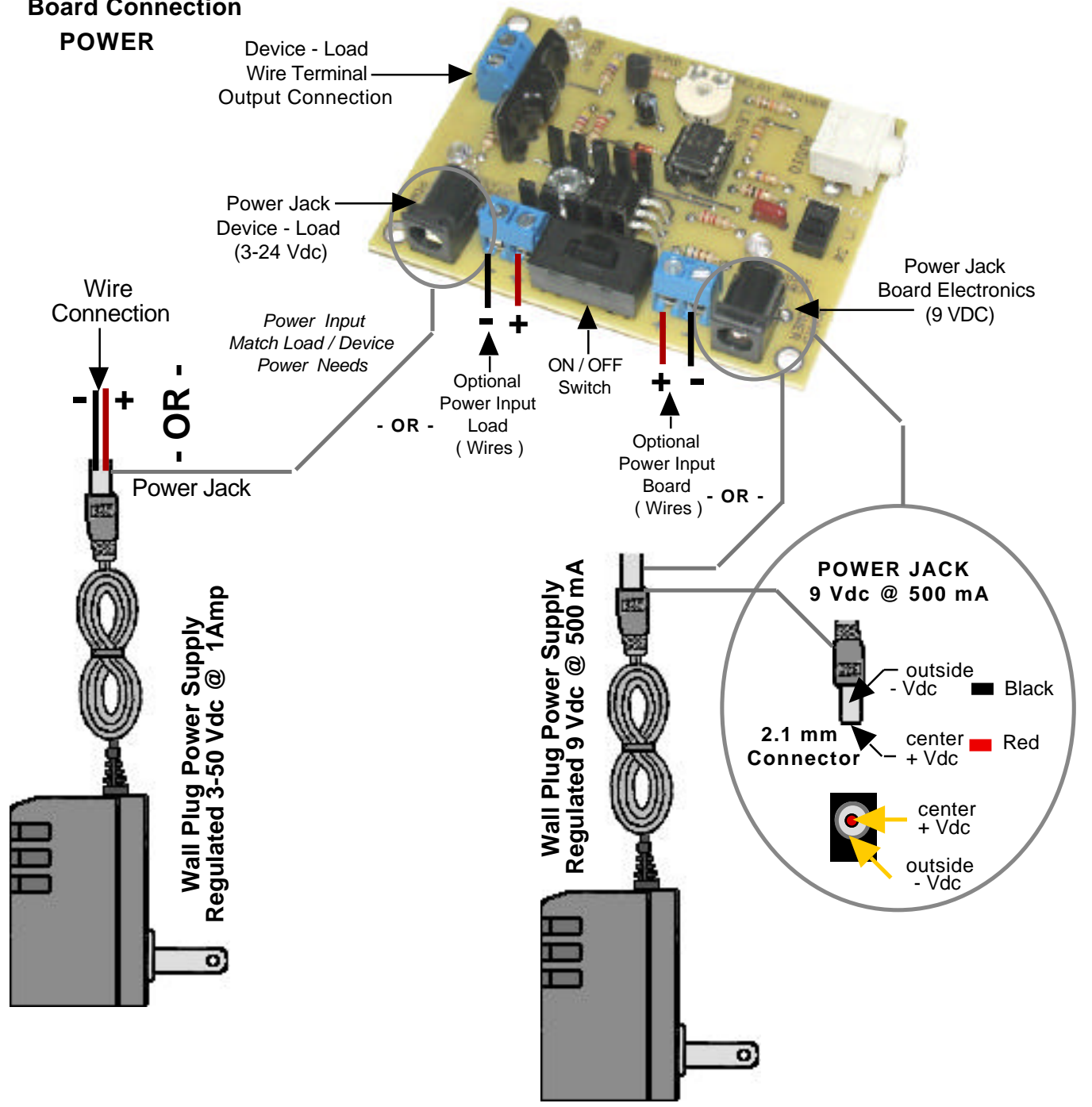
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### Board Connection

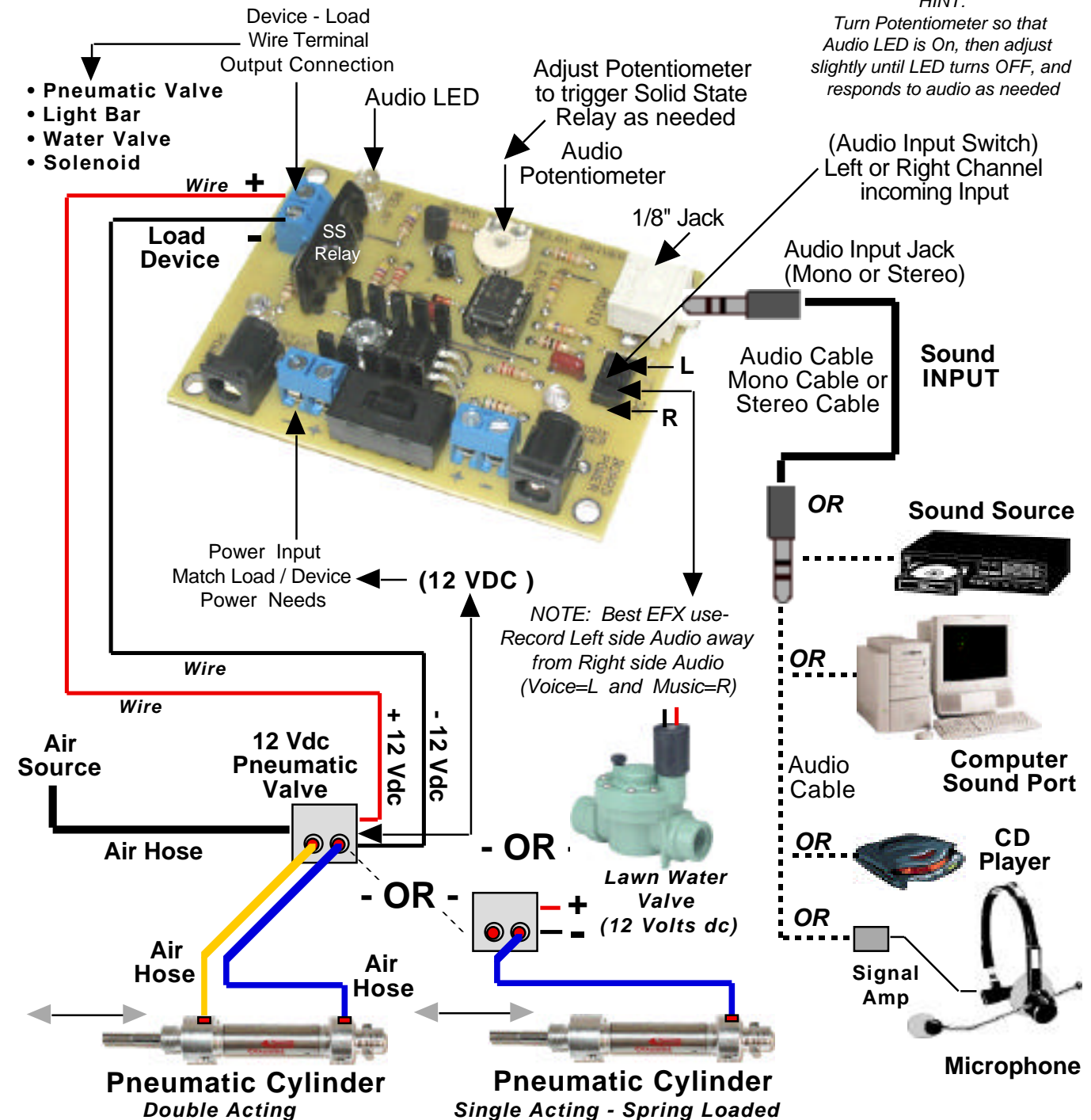
#### POWER



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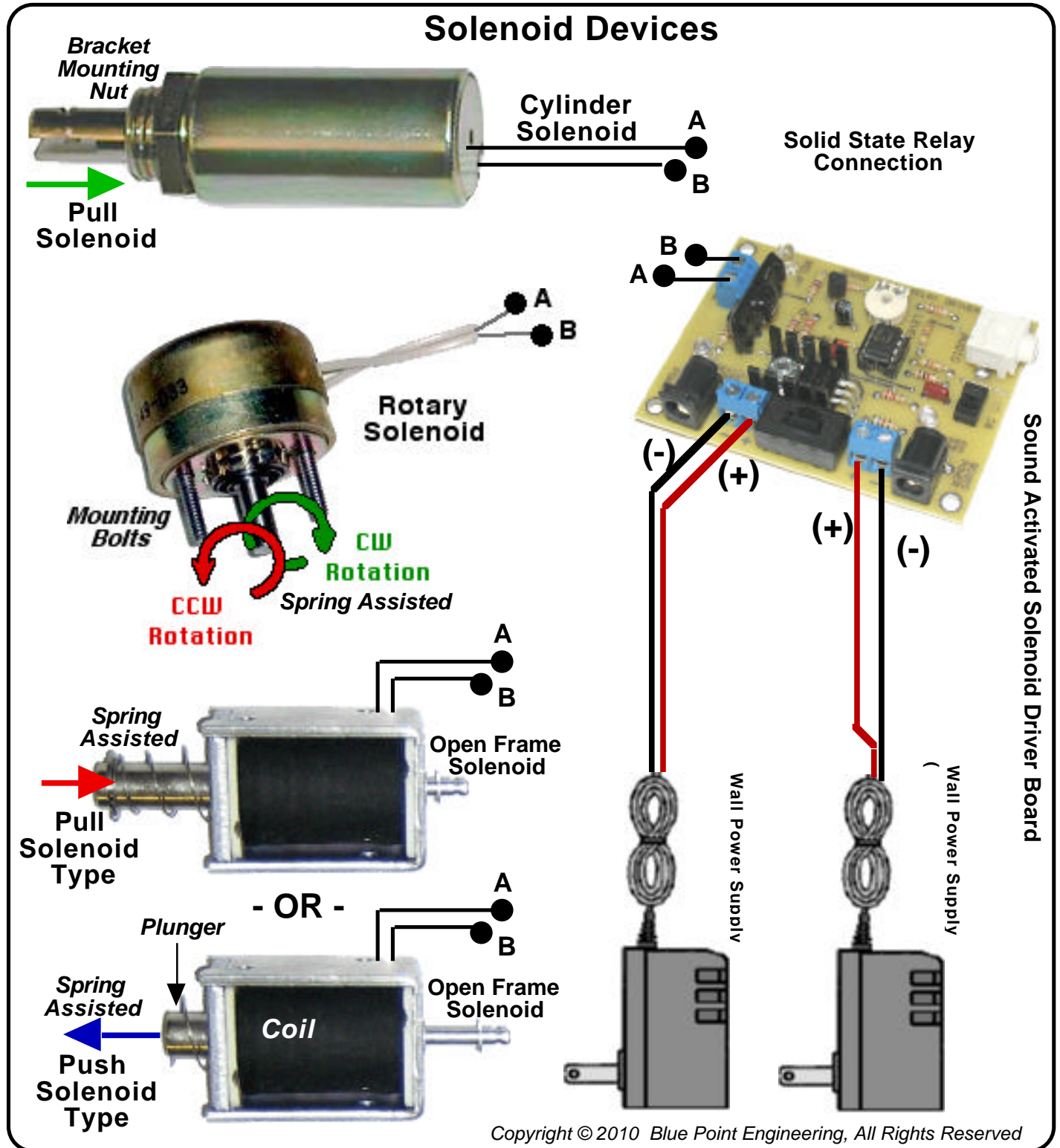
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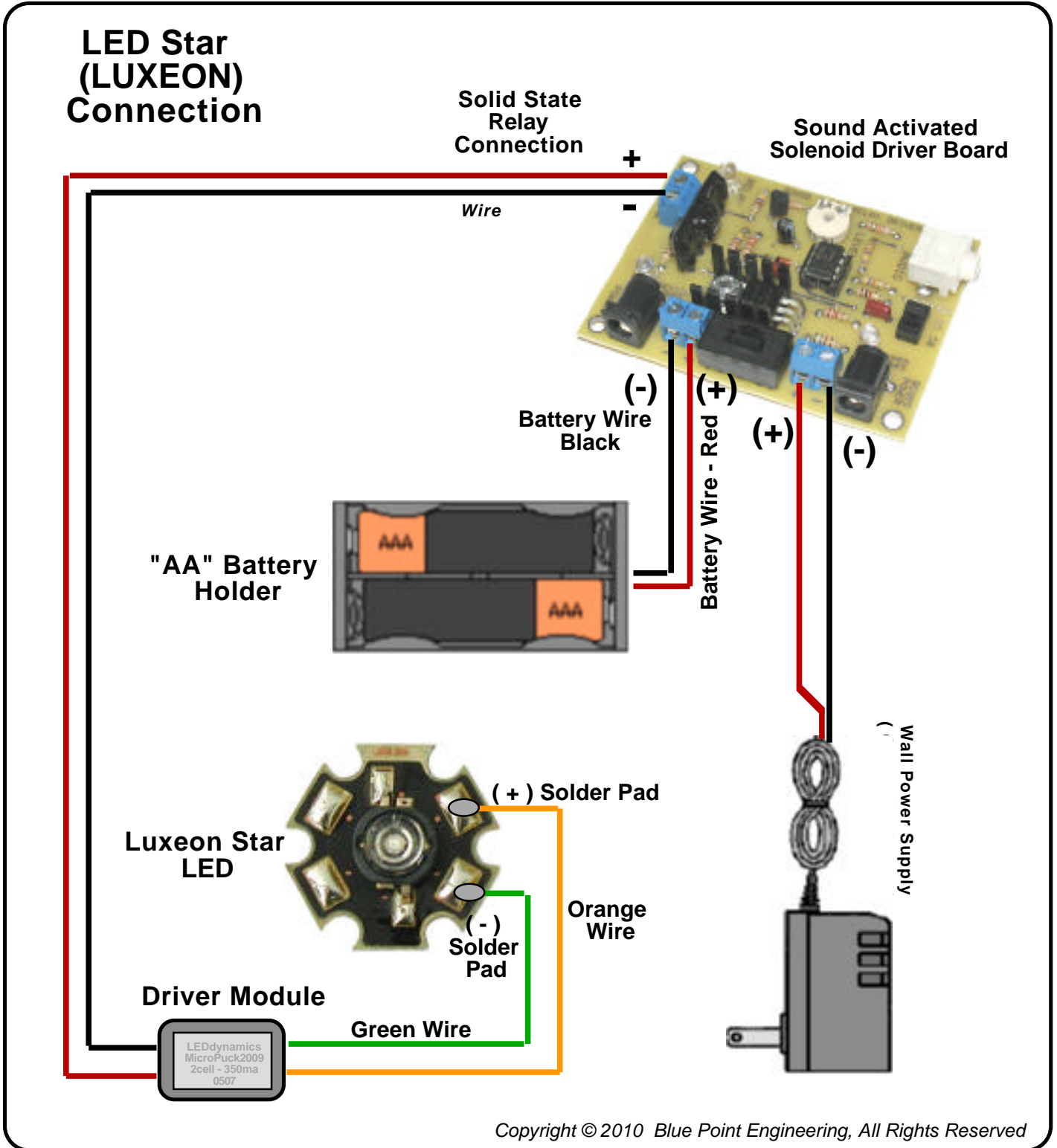
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