



## PCLC-1 Installation Guide

1. Make sure your PC is off and the power cable in the back of the PC is unplugged.
2. Open your PC and locate the Power LED header on the PC's motherboard. Unplug the Power LED socket from the motherboard. **Note:** You may need to refer to your motherboard's manual to find out which socket is connected to the Power LED.
3. Next, connect the PCLC-1 to the motherboard header from which you removed the Power LED socket in Step 1. If your Power LED socket has two pins, proceed to Step 4. If your Power LED socket has three pins, connect the PCLC-1 socket directly onto the empty Power LED header on the motherboard. Skip to Step 5.
4. With the PCLC-1 socket facing you, notice the markings on the circuit board: "- + +". Turn the PCLC-1 around and connect its socket to the empty Power LED header on the motherboard so the socket with the "+" on the far left of the PCLC-1 is not connected to anything. In other words, only the socket marked "-" and the socket next to it, marked "+", should be connected to the motherboard.
5. **IMPORTANT!** The directions given in Step 3 and Step 4 assume the polarity of the Power LED header on your motherboard is "+" on the leftmost pin and "-" on the rightmost. While all motherboards tested by Top Shelf Labs conformed to this polarity, you should check your motherboard's manual to ensure that it conforms as well. If your motherboard's Power LED header polarity differs from the polarity described above, connect the PCLC-1 socket to the Power LED header so their polarities match (+ to +, - to -).
6. Next, connect the Power LED socket to the header on the back of the PCLC-1. If the Power LED socket has only two pins, connect the socket to the two rightmost pins (as in Step 3, the leftmost pin, marked "+", will be unused).
7. Plug the PC's power cable in and turn on the PC. If the PC's Power LED doesn't turn on immediately, shut down the PC and review the previous steps of this installation guide and make sure the PCLC-1 is properly connected. If the Power LED does turn on, use the DIP switches on the PCLC-1 to adjust the style and speed of the Power LED to.
8. Replace the side panel of your PC.

## Selecting LED Lighting Style

To set the lighting style of the LED, adjust the position of the DIP switches on the back of the PCLC-1. Switches 1, 2, and 3 set the lighting style and switch 4 adjusts the speed of the lighting style. If switch 4 is up, the lighting style is on high speed; if switch 4 is down, lighting style is on normal speed.

The table below describes available lighting styles and the corresponding DIP switch positions. The Switch Positions column gives the positions for switches 1, 2, and 3, respectively. For example, **Figure 1** below shows the settings for the **Fade In** style set to Normal Speed.

Switch Positions	Lighting Style	Description
↑ ↑ ↑	Pulsate	LED fades in and out.
↑ ↑ ↓	Pulsating Blink	LED fades in and out while constantly blinking.
↑ ↓ ↑	Variable Pulsate	LED fades in and out of a variable low brightness.
↑ ↓ ↓	Flash Pulsate	LED fades in and out with a single flash between fading in and out.
↓ ↑ ↑	Blink	LED blinks on and off.
↓ ↑ ↓	Fade Out	LED starts fully on and fades out to off.
↓ ↓ ↑	Fade In	LED is off and fades in to fully on.
↓ ↓ ↓	Hard Disk Simulator	LED simulates a busy Hard Drive LED (Switch 4 is disabled for this style).

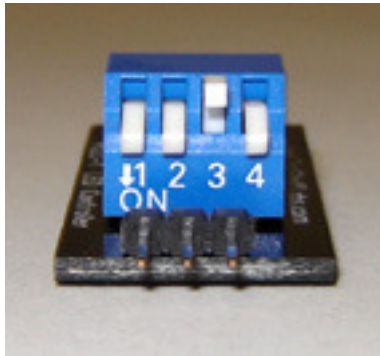


Figure 1

Top Shelf Labs assumes no liability for any detriments that may have emerged from the use of this product.