

LevNet RF™ Controlling Multiple Wired LED Dimmers from One 0-10V Wireless Dimmer

Product: LevNet RF Energy Harvesting with Wireless Protocol Solutions (WSS0S, WSD0x)

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Summary: This article outlines how and why to use one 0-10V dimmer to control multiple wired LED dimmers.

Information: **Application Explanation:**

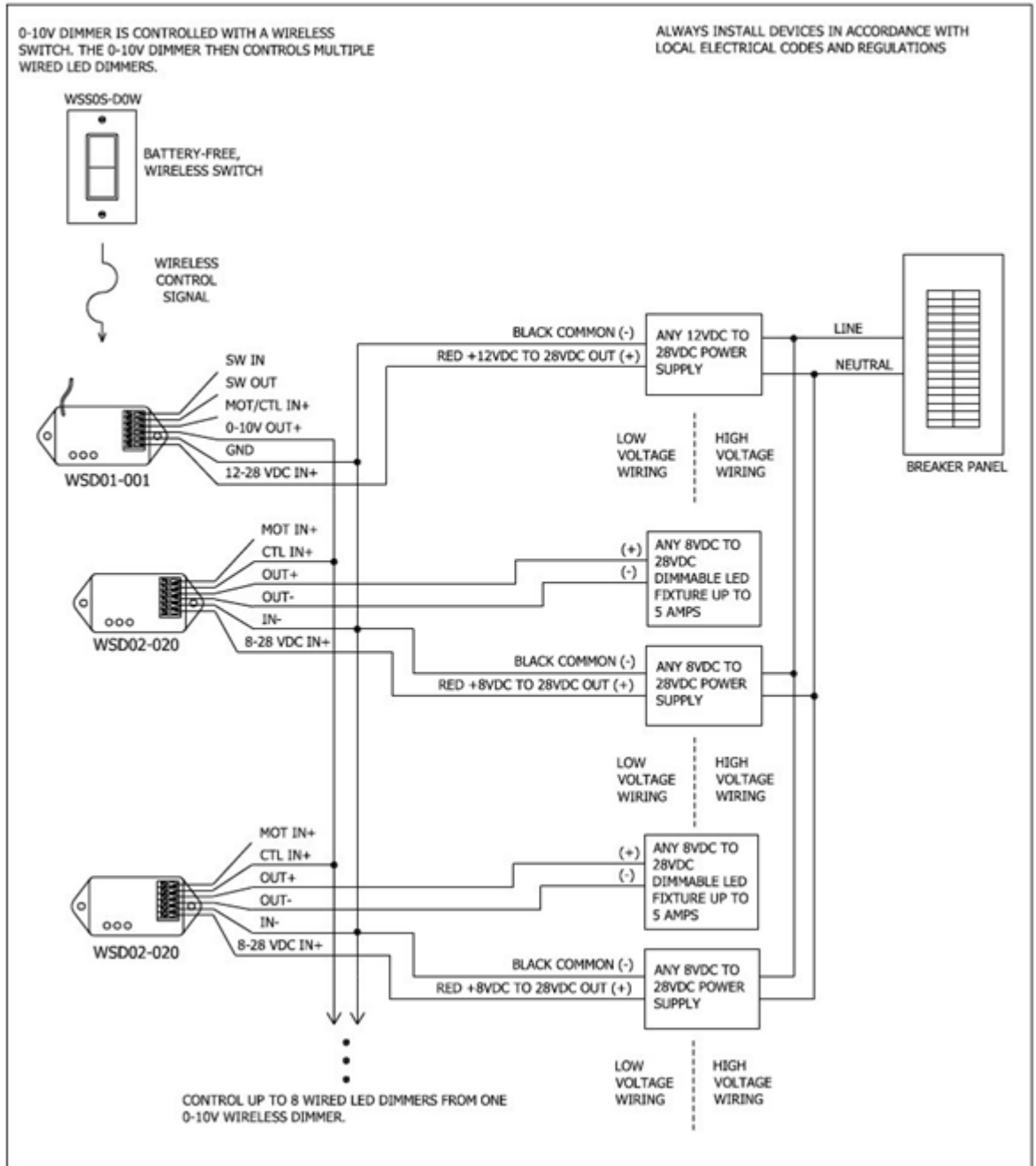
In many applications, running control wires from a LED dimmer to the control switch is difficult and costly. LevNet RF Energy Harvesting with Wireless Protocol switches and a 0-10V dimmer simplify installation by eliminating the need to run wires and alleviating placement concerns.

To program for switching signs from an existing circuit, perform the following:

A Wireless Switch (WSS0S-D0W) is used to raise and lower the output of the 0-10V dimmer. This 0-10V output is then wired to the control input of the Wired LED Dimmer. The Wired LED Dimmer dims the LEDs according to the percent of the 0-10V input signal (5V is 5%).

Refer to Figure 1 on page 2 for diagram instructions.

1. Link a Wireless Switch (WSS0S-D0W) to a 0-10V Dimmer (WSD01-001) in mode 1.
2. Wire the 0-10V Dimmer to the Wired LED Dimmers (WSD02-020) as shown in Figure 1.
3. Installation complete. The 0-10V Dimmer can control up to 8 Wired LED Dimmers.



Contact: If you have any questions or concerns, please call LES technical support at (800) 959-6004.

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