Wiring an RGB controller with RGBWW LED Strip

Ground -
Green +
Red +
Blue +

RGB LED CONTROLLER

12vdc to LED strip

12vdc IN

12V Battery

RGBWW LED STRIP

12vdc to LED strip

12vdc IN

Ground -
Cool White +
Warm White +

RGB LED CONTROLLER or Wired Switches
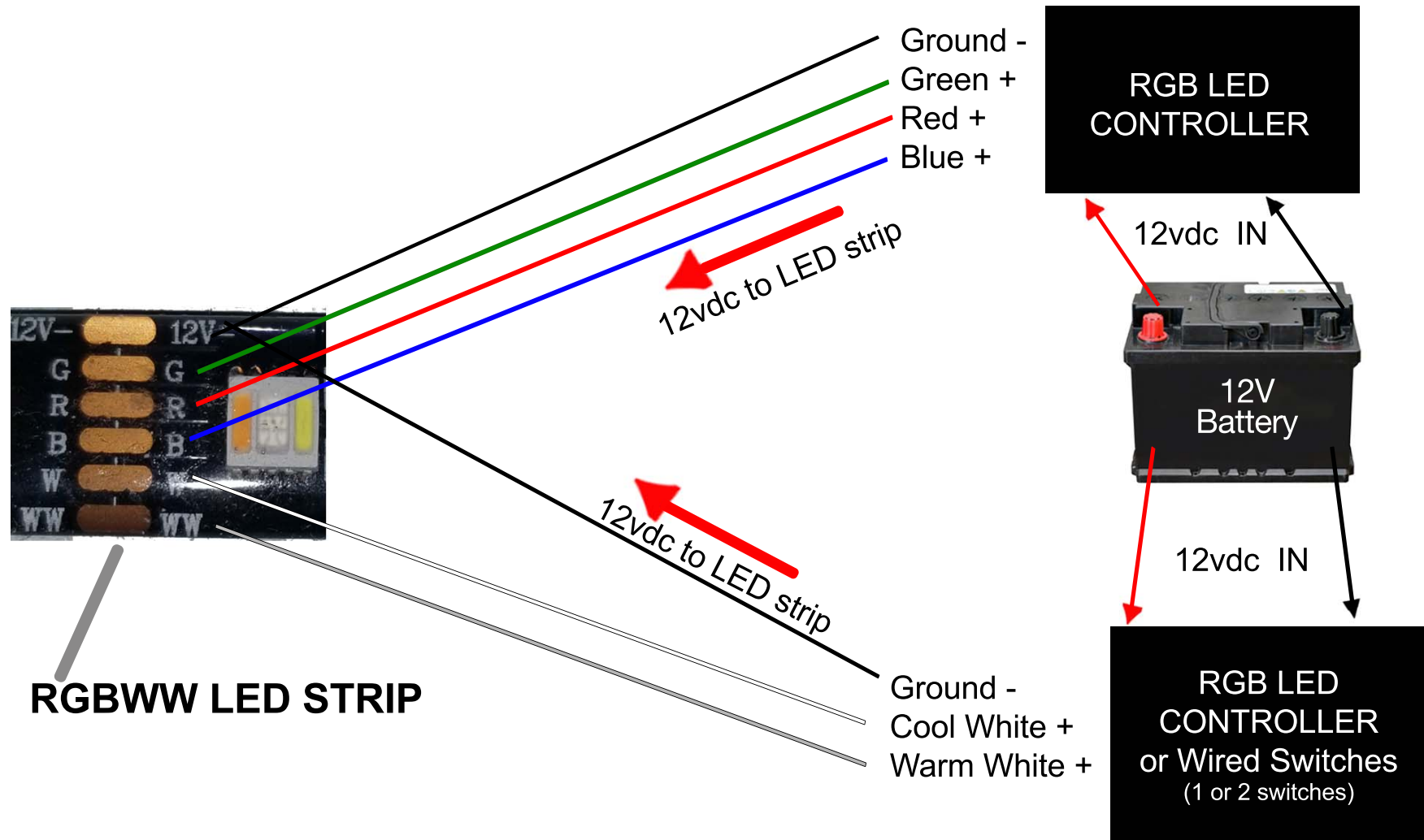(1 or 2 switches)

The RGBWW LED Strip has 5 diodes: Red, Green, Blue, Warm White, Cool White. You can power those 5 diodes using a single RGBWW LED Controller or you can power them using a combination of 1)   RGB Controller + Hard Wire Switch(es) or 2) RGB Controller + RGB Controller. In all cases, the ground has to be supplied to each controlling device as shown in the above diagram.

NOTE: If you want to control both WW diodes individually, you need 2 dimmer switches. See product page for details.   12-17-20