

Congratulations! Now you get to build it yourself. You will need:

An enclosure. Power cords to supply the unit with power. Power cords for the channels of LOR.

What kind of enclosure? Well, I would personally recommend that you use a NEMA3 rated enclosure. [Click here for a page that shows the various NEMA ratings](#) .

The inbound power cord will need to be heavy enough gauge to support the expected amount of power. The LOR boards are rated up to 12 gauge, which would allow you to run 20amps through the cord. Heavy-duty cords can be purchased at Lowes or Home Depot, called "Appliance Replacement Cords" (or something very similar.) These have the male end attached, and the female end have the various wires exposed.

The cords for the light outputs on the controller can typically be a much lighter gauge, since the maximum power per channel is 8 amps. One of the perks of doing it yourself is that you get to set it up for your application. For example, many people use 6 or 12 foot, SPT2 extension cords. Others use the ends off of grounded 3-wire cords. You could even order a spool of wire and the proper female ends, and make your own custom lengths.

In all the above scenarios, you should have a solid understanding of electricity, or be willing to learn. The above information in this answer is believed to be correct. Please verify with a licensed electrician.