

The LA-2 is a 4-channel 0-10v lighting adapter. The LA-2 is designed to control 4 separate “channels” of lights. The user can control up to 4 separate “groups” of lights, or they can use the 4 separate channels to control some LEDs that have “spectrum control” capability. The LA-2 features an 8-pin RJ port and a hard-wire cable adapter to allow connections to your lighting fixtures. The LA-2 works with the Cromptiva SEN-1, **Sentry** or **GUARD-1, Guardian** main controllers.

*** Supplemental grow lights that DO NOT have a dim-to-off feature can be controlled by the LA-2 however; you will also need to control the power going to the lights in order to turn them on and off. (Refer to LA-2 user instructions).**

The LA-2 will output 30ma of power on 4 separate channels to control your lights using a variable, low-voltage 0-10 volt signal. That variable signal allows lights (on each of the 4-channels) to be controlled from 0-100% power. (Some lights cannot be dimmed “down” and dimmed “up” all the way from 0-100%, check you light specs for details on the dimming range.) Since each of the 4-channels on the LA-2 can have individual settings, it provides a great deal of flexibility for the user.

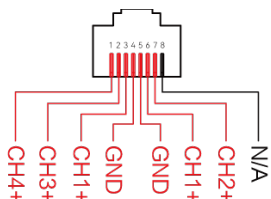
Each LA-2 is capable of operating approximately 40 light fixtures on each channel. The LA-2 will command the lights to operate at the user’s selected power setting, or the lighting level (set in ulmol/s) can be automatically controlled when using the optional SPAR-1 “PAR” meter

The LA-2 can be controlled by Cromptiva’s main controllers. To connect the LA-2 module, simply connect it to the RJ12 Lights port on your Cromptiva controller. If you are controlling more than 40 lights, you can use additional LA-2 adapters to operate more lights. All of the lights connected on each Light control “Line” will be controlled together.

The LA-2 can also be used with the multi-port RJ12 “powered” hub (RJ-HUB) to provide a centralized wiring “hub” to connect multiple Light adapters (LA-2 adapters), sensors OR device modules, replacing multiple Y-splitters with a cleaner and more effective cable connection system.

*** The LA-2 modules are NOT waterproof and must be located so they are not exposed to mist or moisture directly.**

LA-2 / Specifications



Model	LA-2 / 4-channel Lighting adapter
Protection Level	IP20
Product Dimensions	5.7x3.3x1.4" / 145x83x34mm
Operating Temperature	0-50°C / 32-122°F
Operating Humidity	≤90%, Non-Condensing
Operating Voltage	24VDC
Power Consumption	≤200mA
Lights RJ connection	RJ45 *Compatible with RJ9-14
LCD Screen	1.7" / *Shows current channel settings
# of light channels	4 separate 0-10v channels
Output Voltage (to lights)	0-11.5VDC
Output current (to lights)	30ma Max (each channel)
Certifications	FCC

***Up to 4 light channels can be connected using either 4, 6 or 8-pin RJ connections.**