

Light-O-Rama

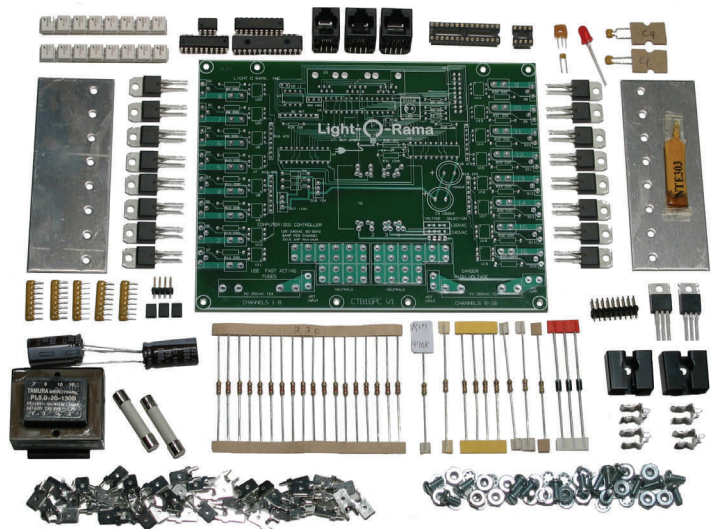


CTB-16Kpcv1

Hobbyist Sixteen Channel Lighting Controller Kit

www.lightorama.com

- Full function, economical lighting controller for the hobbyist wanting to control incandescent and LED lighting
- Microprocessor pre-programmed for Light-O-Rama Protocol and fully field upgradeable for future compatibility
- 16 independent high-power channels
- Effects include on, off, fade, intensity, twinkle and shimmer
- 100 intensity levels for dimming
- 256 levels for smooth fading with durations from 0.1 to 25 seconds
- Can be directed by the ShowTime Windows Software, an MP3 Director, or a deluxe lighting controller
- Up to 240 controllers (3,840 channels) in a network
- Settable high burn (to extend lamp life) and low burn (to reduce lamp shock)
- Options: Regular heat sinks, outdoor plastic enclosure, power cords for lights and unit power cords
- Future options using the 18 pin header: digital inputs, digital outputs and servo control outputs



Kit with Low Power Heat Sinks

These kits contain everything you need to build a fully functional Light-O-Rama lighting controller, even the solder. All you need are a few tools, some time and patience.

A person with experience building simple electronics kits should have no problem assembling this kit in about three hours. A detailed manual with step-by-step instructions and building tips leads you through the assembly process. You check off each step as you go. Check out the manual on the support page at www.lightorama.com.

The CTB16Kpcv1 is a microprocessor controlled light-controller that supports all of the lighting effects of our ShowTime product line. Its internal intelligence allows for thousands of commands to be processed every second.

A network of controllers allows animation of displays requiring high power and/or hundreds or even thousands of channels.

Easy to use software with powerful wizards facilitates the building of sophisticated lighting sequences choreographed to music and the assembly of these sequences into shows.

General Specifications	
Configuration	Two banks of 8 channels
Supply voltage	120/240 VAC 50/60Hz
Isolation	Optos isolate line voltage from control logic
Power connections	Quick connects (spade)
Control in/out	RS485 via RJ45 or RJ11
Low power heat sinks	7 1/4" w x 5 1/4" h x 2" d
Regular heat sinks	7 1/4" w x 6 3/4" h x 2 1/4" d

Current Handling Capacity	Light Duty Heat Sinks	Regular Heat Sinks
Individual Channel	4 amps	8 amps
Individual Bank	8 amps	15 amps
Board	15 amps	30 amps

Light-O-Rama, Inc.
Tel: (518) 539-9000 Fax: (518) 538-0067
info@lightorama.com