

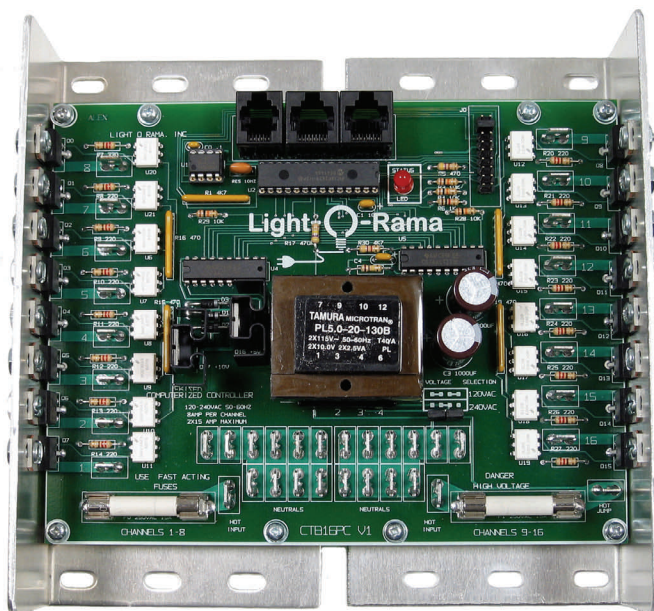
Light-O-Rama

CTB-16PC

Hobbyist Sixteen Channel Lighting Controller

www.lightorama.com

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



Shown with Regular Heat Sinks

The CTB-16PC is the hobbyist's economical choice for a microprocessor controlled light-controller. It supports all of the lighting effects of our ShowTime product line. A future daughter board will enable digital inputs for interactive shows as well as digital and servo outputs.

The microprocessor performs the lighting effects from high level commands, for example: fade channel 12 from 20% intensity to 60% intensity over six seconds. This internal intelligence allows for very complex shows where thousands of changes in the lights are possible every second.

Using the MP3 Director or the ShowTime Windows PC software, the display can be choreographed to music.

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. The only limit is your imagination.

Specifications

Configuration	Two banks of 8 channels
Individual Channel Capacity	1 amp—no Heat Sinks (HS) 4 amps—low power HS 8 amps—regular HS
Individual Bank Capacity	8 amps—no HS 8 amps—low power HS 15 amps—regular HS
Board Capacity—regular heat sinks	15 amps—Single power feed 30 amps—Dual power feed
Supply Voltage	120/240 VAC 50/60 Hz
Line voltage Isolation	Optos isolate control logic
Power Connections	Quick connects (spade lugs)
Control In/Out	RS485 via RJ45 or RJ11
No heat sinks	6 3/4" w x 5 1/4" h x 1 1/2" d
Regular heat sinks	7 1/4" w x 6 3/4" h x 2 1/4" d
Plastic enclosure	9 1/2" w x 11 1/2" h x 3 1/2" d

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