Triatek’s LP-3500 Lighting Control Panels have been used in arenas, stadiums, and commercial buildings around the globe.

The LP-3500 provides the capability to control high voltage lighting circuits via a two wire RS-485 network, occupancy sensors, light level sensors, and manual override switches. The LP-3500 integrates with most building automation systems, which lowers the installation and operating costs.

The LP-3500 features improved relays with longer life and a direct manual override option that can be switched on or off without power, allowing electricians to manually control the circuits during installation.

The LP-3500 allows authorized users to override the circuits after installation, an added feature not common in other lighting control products.

FEATURES INCLUDE

- Easy to set up and use
- Capability to control high voltage lighting circuits
- Integrates with most building automation systems
- Improved relays with longer life
- Direct manual override option
- Smaller panel size
- LED Displays
- Flash warnings available
## Features

**Microprocessor-Based Controller** provides hardware and automated lighting control software for up to 24 switch inputs (expandable to 120), RS-485/232 port, LEDs for group, relay and system status, and control for up to 48 relays.

**Building Automation Systems (BAS) Interoperability** provides seamless integration with:
- Schneider Electric
- Automated Logic Carrier
- Delta Controls
- Honeywell
- Johnson Controls
- Siemens Building Technologies
- Ingersol Rand

**Durable Mechanical Latching Relay** provides 150,000 cycles of switching at full load and over 1,000,000 cycles of mechanical life. Each relay provides direct manual override capability without power.

**Small Panel Size** takes up less wall space than most lighting control manufacturers, and may be flush or surface mounted.

**Windows Setup Software** provides easy setup and commissioning of Triatek lighting control panels.

## Specifications

**Programmable Switch Inputs**
- 24 standard, expandable up to 120; dry contact or up to 24 VDC (maintained momentary), screw terminal block is removable type
- 24 inputs (expandable to 120), RS-485/232 port, LEDs for group, relay and system status, and control for up to 48 relays

**Output Rating**
- 20 amp, 120 VAC Tungsten
- 20 amp, 347 VAC ballast

**Output Mechanical Life**
- 1,000,000+ on and off cycles at no load, 150,000 on and off cycles at full load, 300,000 operations

**Output Terminals**
- Two terminals for #14-8 AWG solid or stranded wire, copper wire only

**Panel Power Supply**
- 115/277/24 or 347:24 ± 10%, 60Hz; fused primary, surge protection provided on LP-3500 controller

**Communications**
- Network ready, two wire RS-485, screw terminal block is removable type; 500 volt isolation provided

**Operating Temperature**
- 32° to 125°F

**Operating Humidity**
- 20% - 95% RH, Non-condensing

**Two Year Warranty**

## Ordering Instructions

LP35__-__-__ (Enclosure, Interior and Trim) -__ EXP

- **Power Supply**
  - 0 = 120/277
  - 1 = 347

- **Number of Relays**
  - 0 - 48 in one relay increments

16 Relay Enclosure included □
32 Relay Enclosure included □
48 Relay Enclosure included □

## Optional

- **Set-up Software**: Windows-based
- **LPCT v4.0**

## Replacements

- **Relays**: LPTRI
- **CPU Motherboard**: For all Panel Series 2500-3500
- **P/N LP3500i-CP4**