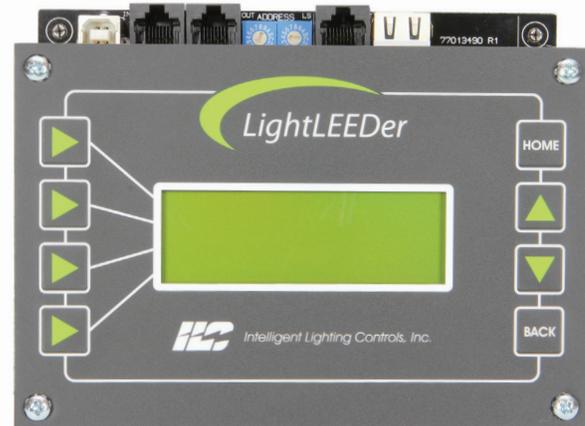


## Overview

The LightLEEDer Expansion Processor gives the LS04-RC, LSEVO-RC, LSEVO-4X, and LSEVO-8X all the features of a standard LightLEEDer panel which includes CAT-5 networking and time scheduling. Processors include a keyboard/LCD along with USB and optional TCP/IP connection for programming with the complementary LightLEEDer Pro Software. Add-On modules are also available for connecting to BAS, theatrical, or security systems.



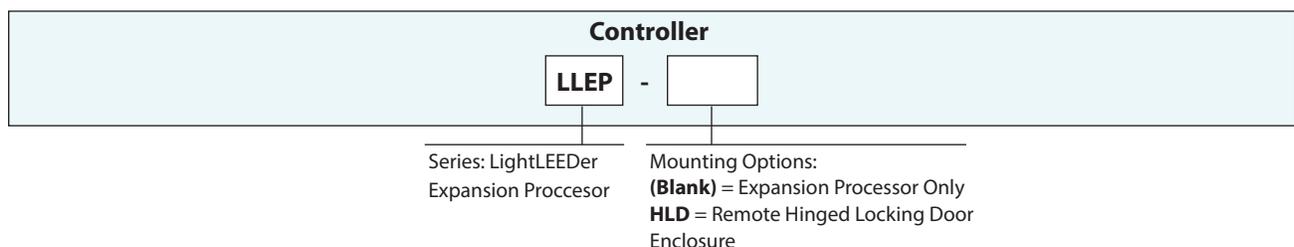
## Features

- **Made in the USA**
  - **Digital Cat-5 Ready**
  - **Controls** LS04-RC, LSEVO-RC, EVO-4X, or up to 8 EVO-8X panels
  - **Adds** standard panel capabilities to remote panels
  - **Programming Options** are done with a Integral keypad with 4 line LCD Display or using LightLEEDer Pro software via USB or optional TCP/IP or optional modem
  - **Network Capability** gives you the ability to connect up to the LightLEEDer network.
  - **Internet Capability** to interconnect panel networks across the internet
  - **Relay Groups** can be comprised of any relay on the network and assigned to any of the 256 groups available can be controlled by any timer, switch, or other external commands
  - **Relay Presets** can be programmed from any relay ON/OFF patterns and be assigned to any of the 256 presets available and can be controlled by any timer, switch, or other external commands
  - **Timer Scheduling** for 128 available timers that can turn relays ON or OFF for Time-of-Day, Astronomical times, and Open/Close.
  - **Clock Functions** features Automatic Astronomical calculation of Sunrise and Sunset and Adjustable Daylight Saving Time and enable/disable feature
  - **Add-On Modules** can be added to each controller which include BACnet IP, BACnet MSTP, Modbus RTU, Modbus ASCII, Modbus TCP, N2, LonWorks, DMXS12, DTMF telephone switching and modem
- Safeguards:**
- **Power surge and spike suppression** up to 123 volts on the 24VAC power input
  - **Data Line surge and spike suppression** up to 8kv direct and 15ky thru air
  - **Memory retention** for firmware and programming up to 200 years and electrostatic discharge to 4kv
  - **Real-Time-Clock time retention** 45 days or greater without power
  - **Internal memory** backup and restore

## Warranty

Five-year limited warranty

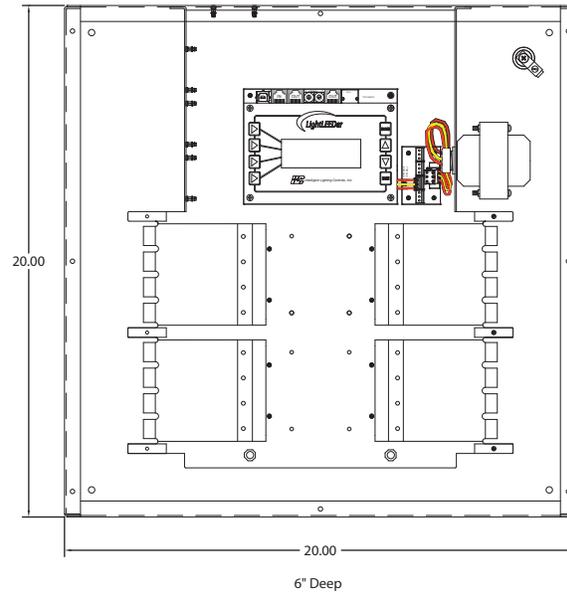
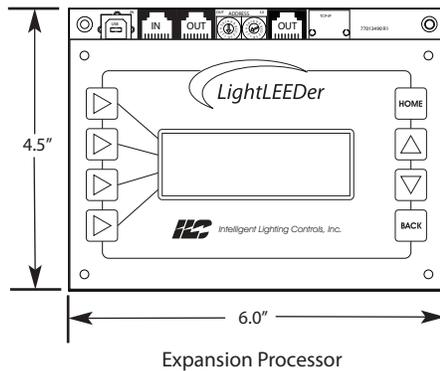
## Ordering



## LightLEEDer

## Expansion Processor

## Physical



Remote Hinged Locking Door Enclosure

## Specifications

**Expansion Processor Physical:**

- 6.0"W x 4.5"H x 2.0"D
- Mounts in lighting panel or remotely
- Digital addressing switches
- RJ45 data line connectors
- USB interface

**Remote Hinged Locking Door Enclosure Option:**

- 20"W x 20"H x 6"D
- NEMA 1 enclosure
- Hinged locking door
- Slam latch provided
- Provided with pre-drilled mounting holes

**Remote Hinged Locking Door Enclosure Option (Cont.):**

- High voltage barrier separate low/high voltage wiring
- Transformer provided
- Room for other accessories

**Electrical:**

- 120 or 277 VAC @ 1 Amp, 347 VAC optional

**Operating Environment:**

- Location: Interior space
- Operating Temperature: 0° to 50° C
- Humidity: 10% - 90% Non-condensing
- Atmosphere: Non-explosive/corrosive
- Vibration: Stationary

**Certifications and Approvals:**

- UL
- CUL
- FCC Part 15
- Title 24
- ASHRAE compliant
- LEED compliant