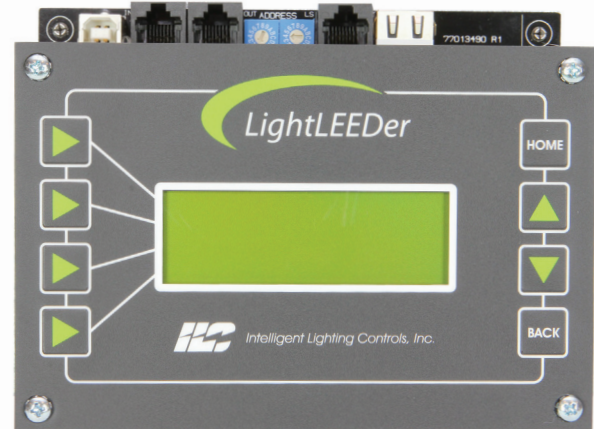


LightLEEDer

Expansion Processor

Overview

The LightLEEDer Expansion Processor gives the LSEVO-RC, LSEVO-INT-2RC, 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.



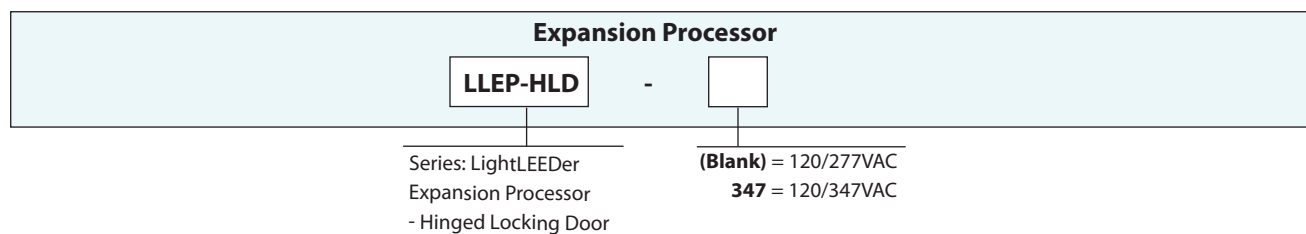
Features

- **Made in the USA**
 - **Digital Cat-5 Ready**
 - **Controls** LSEVO-RC, LSEVO-INT-2RC, LSEVO-4X, or LSEVO-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.
 - **TCP/IP** option (Ordered separately)
 - **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, and DMX512
- 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 15kv 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



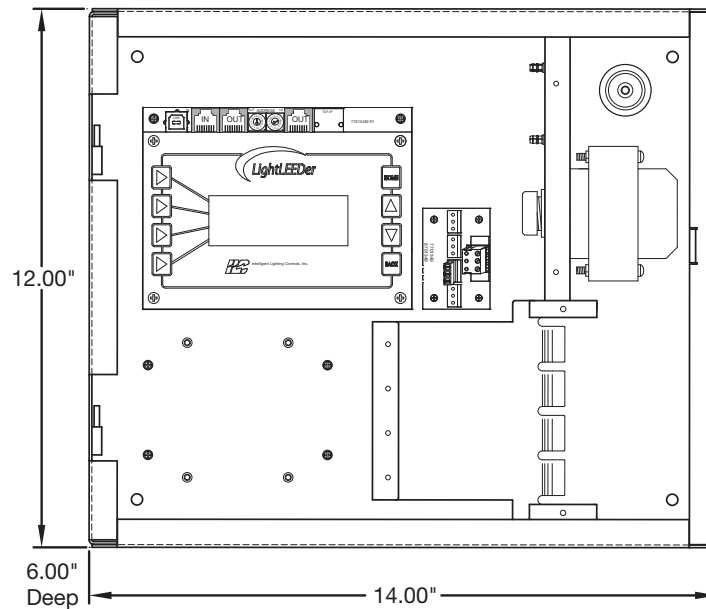
LLEP-xx
2-6-2024 Rev.C

LightLEEDer

Expansion Processor

Physical

Remote Hinged Locking Door Enclosure



Specifications

Physical:

- 14"W x 12"H x 6"D
- NEMA 1 enclosure
- Hinged locking door
- Provided with pre-drilled mounting holes
- High voltage barrier separate low/high voltage wiring
- Transformer provided

Electrical:

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

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