

**PowerHOUSE™**  
Portable Distribution Boxes



# LopSter Trap™

## Portable Power & Data Distribution Box

### User Manual



# Introduction

The LOpSter Trap™ line of Power/Data Distribution Units (PDUs) meet stringent requirements for indoor site applications. This user manual reviews the proper use of the versions available. Please take time to review all precautions and warnings in the manual prior to making the proper connections for use. Store this manual in a safe location for future reference.

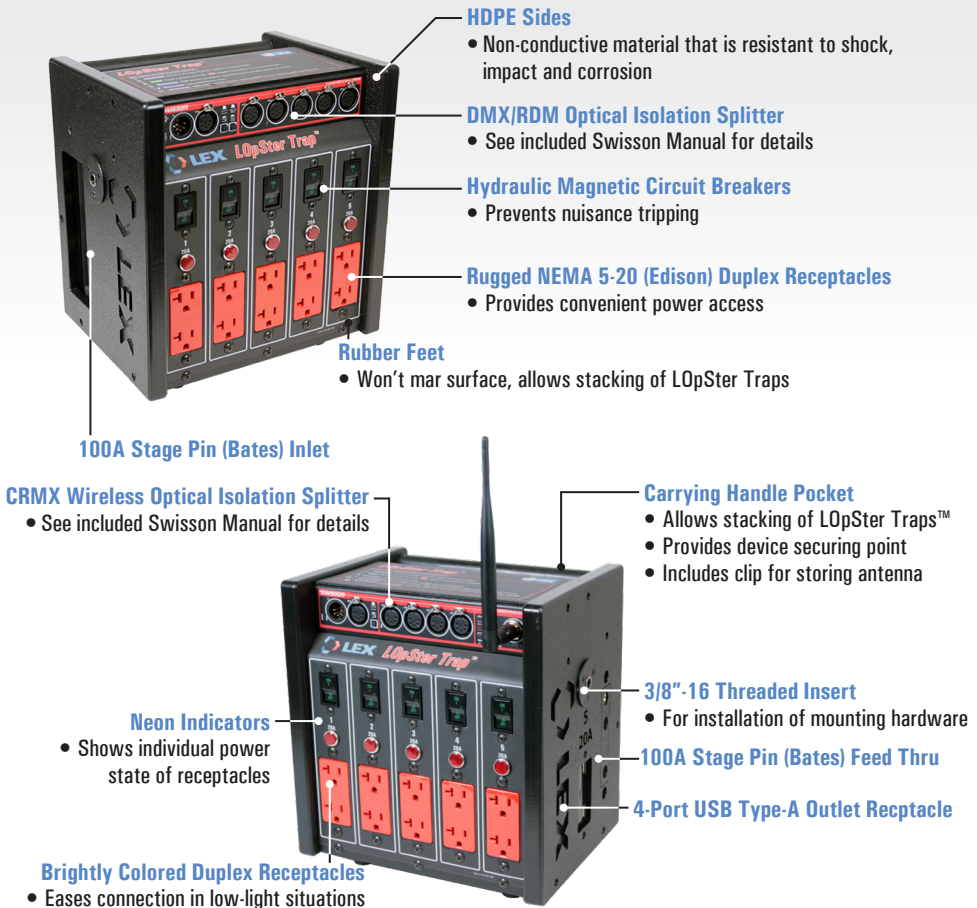
## Unpacking and Inspection

Before you begin your installation check the shipment carefully to confirm it arrived complete and undamaged.

1. Check the contents against the packing list to ensure the devices are the correct models
2. Check the unit for loose or broken components, which might have resulted from shipping
3. Inspect for signs of damage to wiring devices or circuit breakers

If there is any damage to the LOpSter Trap™, contact Lex Products toll free at (800) 643-4460 or email [orders@lexproducts.com](mailto:orders@lexproducts.com)

## LOpSter Trap™ PDU Components (Typical)



# Setting Up LOpSter Trap™ Power Distribution Units (PDUs)

## Step 1: Locating LOpSter Traps™

- LOpSter Traps™ are designed to be used in dry, indoor locations only
- Each LOpSter Trap™ should rest on its own base on a level surface with suitable ventilation
- When using with LOpSter Trap™ Mounting Bracket:
  - Attach Mounting Bracket (Lex #PH100W-BRACKET) to the threaded inserts using the thumb screws and Belleville washers provided in the kit
  - Attach bracket to a secure position using a c-clamp with 1/2" bolt
  - LOpSter Trap™ receptacles may be oriented in any position
- **WARNING:** It is recommended that a secondary device (safety cable) is employed for security

## Step 2: Making Connections



### **WARNING:**

- Before making or breaking connections to any LOpSter Trap™ make certain the power source feeding the system is **OFF**
- **DO NOT** exceed the voltage rating of the device as identified on the label attached to the enclosure

Make certain all circuit breakers are in the **OFF** position before making any connections

**NOTE:** If using the feed thru feature, connect the feed thru **BEFORE** the input connection is made

Make input connections

- Fully insert the inline connector (female) into the inlet (male) on the LOpSter Trap™, ensuring the connection is fully engaged

Make load side connections

- Fully insert the inline NEMA 5-15 or NEMA 5-20 plug (male) into the NEMA 5-20 receptacle (female), ensuring the receptacle, ensuring the connection is fully engaged

## Step 3: Powering Up PDUs

- Best practices dictate that loads are applied gradually the first time the system is set up

**NOTE:** LOpSter Traps™ are shipped with breakers in the 'O/OFF' position

1. Turn on the power source
2. Beginning with the LOpSter Trap™ closest to the power source, move the first individual circuit breaker to the 'I/ON' position
3. Ensure the devices fed by that circuit are ON, tracing the electrical path to the final device fed by that circuit
4. Repeat steps 2 and 3 for the remaining circuit breakers

**NOTE:** If the circuit breaker cannot be energized or trips, check the system for continuity, short circuits and overload, and make the necessary corrections before proceeding

# Troubleshooting Guide

If there is no power at NEMA 5-20 (Edison) duplex receptacles:

1. Ensure that connections are in place and tight
2. Ensure that power source is live
  - a. Activate if not on
3. Ensure that circuit breakers are 'I/ON'
4. If a circuit breaker trips, identify source of short circuit or overload and correct before resetting circuit breaker
  - a. Check to see if the circuit is overloaded and reduce loads as needed
  - b. Check for short circuits in the cabling or load device and correct as needed
5. If there is still no power at receptacles:
  - a. Remove PDU from use
  - b. Contact Lex Products ((800) 643-4460 or [orders@lexproducts.com](mailto:orders@lexproducts.com)) for next course of action

If there is no power at the USB receptacles:

1. Review the troubleshooting steps above for the NEMA 5-20 duplex receptacles
  - a. NOTE: Overcurrent protection for the USB receptacles is circuit breaker #5
2. If there is still no power at receptacles:
  - a. Remove PDU from use
  - b. Contact Lex Products ((800) 643-4460 or [orders@lexproducts.com](mailto:orders@lexproducts.com)) for next course of action

If there is no power at the optical isolation splitter:

1. Review the troubleshooting steps above for the NEMA 5-20 duplex receptacles
2. If there is still no power at receptacles:
  - a. Remove PDU from use
  - b. Contact Lex Products ((800) 643-4460 or [orders@lexproducts.com](mailto:orders@lexproducts.com)) for next course of action

## Technical Support

Lex Products is available to help answer any product related inquiries. For any questions or technical advice, please call toll free 800-643-4460 or email [orders@lexproducts.com](mailto:orders@lexproducts.com).



Lex Products  
15 Progress Drive  
Shelton CT 06484  
203.363.3738  
203.363.3742 Fax

Lex West  
12701 Van Nuys Blvd.  
Pacoima, CA 91331  
818.768.4474  
818.768.4040 Fax

[www.lexproducts.com](http://www.lexproducts.com)  
[info@lexproducts.com](mailto:info@lexproducts.com)  
800.643.4460

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