

# PowerHOUSE™ Bento Box® Series

User Manual



# Introduction

Lex Products Bento Boxes are a convenient means of providing portable electrical power distribution. This user manual reviews the proper use of the full range of Bento Boxes including: Bento Box Lunchboxes, Hollywood Boxes, Break Out Boxes, Doghouse and 3 Phase NEMA Bento Boxes. The Bento Box Lunchboxes, NEMA Bento Boxes and Hollywood Boxes are UL Listed. 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 installation, check the shipment carefully to confirm it arrived complete and undamaged.

1. Unpack the shipment and check the contents against the packing list to ensure the order is complete.
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 Bento Box, contact Lex Products Technical Services toll free at (855) 539-1002 or email [support@lexproducts.com](mailto:support@lexproducts.com).

For any other questions, call Lex Products at 1-800-643-4460.

## Bento Box® Components (Typical)



For a complete list of Bento Box specifications and agency listing information go to [www.lexproducts.com/mynewlunchbox](http://www.lexproducts.com/mynewlunchbox) to download the Guide to the Bento Series

\*Break Out Boxes Only

# Setting Up The Bento Box

## Step 1: Locating the Bento Box - Collapsible Handle and Mounting Bracket versions:

Collapsible Handle Version:

- The Bento Box is designed to be used in dry indoor locations only.
- The Box should rest on its own feet on a level surface. It may be positioned with the receptacles in any orientation.
- Take special care not to locate the box in any areas prone to water.

Mounting Bracket Version:

- Attach the Get-A-Grip c-clamp to the hole in the center of the mounting bracket (Lex Products Catalog Number 'GET-A-GRIP')
- Or, secure the Get-A-Grip to the Mounting Hole on the the back of the Break Out Box using an adapter (Lex Products Catalog Number 04-160-A11)
- Attach Bento Box to secure position using the Get-A-Grip c-clamp. The receptacles may be mounted in any position.
- It is recommended that a secondary device (safety cable) is employed for security.

## Step 2: Making connections

### **WARNING**

- Before making connections to the Bento Box make certain the power source feeding the Box is **OFF**.
- Do not exceed the voltage rating indicated on the box label.

If the Bento Box has circuit breakers, make sure all circuit breakers are in the **OFF** position.

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

Make input connections

- Fully insert the female connector into the male inlet on the Bento Box. For NEMA locking devices, turn the connector clockwise until it is fully locked. For 19 pin connections, turn the locking ring clockwise until it is fully tightened.

Make load side connections

- Fully insert the male plug into the female receptacle. For NEMA locking devices or PowerCON connectors, turn the connector clockwise until it is fully locked.

## Powering Up The Bento Box

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

1. Turn on the power source
2. Turn on the first individual circuit breaker, where applicable, to the **ON** position
3. Ensure the devices feed by that circuit are on
4. Repeat steps (2) and (3) for the remaining circuit breakers

# Troubleshooting Guide

If there is no power at 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 '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 Bento Box from use
  - b. Contact Lex Products' Technical Support Department

## Technical Support

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



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