INSTALLATION INSTRUCTIONS

WARNING: TO BE INSTALLED AND/OR USED IN ACCORDANCE WITH APPROPRIATE ELECTRICAL CODES AND REGULATIONS.
WARNING: IF YOU ARE NOT SURE ABOUT ANY PART OF THESE INSTRUCTIONS, CONSULT A QUALIFIED ELECTRICIAN.

OTHER CAUTIONS:
1. BOTH LIGHTING FIXTURE AND CONTROLLER MUST BE GROUNDED.
2. DISCONNECT POWER WHEN SERVICING FIXTURE OR CHANGING LAMPS.
3. USE THIS DEVICE ONLY WITH COPPER OR COPPER CLAD WIRE. WITH ALUMINUM WIRE USE ONLY DEVICES MARKED CO/LR OR CL/AL.

NOTE: The PEAX must be installed in a 1900 Box with Raised Cover or a properly grounded metal 2-gang wall box. 3.5” (8.9 cm) deep (refer to Figure 1A, 1B, 2A, and 2B). Depending on the application and the number of connections, more space may be needed. If so, use an appropriate size box or box extension. Refer to Step 4.

TO INSTALL:
1. WARNING: TO AVOID FIRE, SHOCK, OR DEATH; TURN OFF POWER AT CIRCUIT BREAKERS OR FUSES AND TEST THAT POWER IS OFF BEFORE WIRING!
   MORE THAN ONE CIRCUIT BREAKER CAN POWER THIS DEVICE. DISCONNECT “ALL” POWER SOURCES BEFORE SERVICING.
2. Remove 1/2” (1.3 cm) of insulation from each circuit conductor in wall box. Make sure that ends of conductors are straight.
3. Line Voltage Wiring: Connect lead wires per appropriate WIRING DIAGRAM and FIGURE 2 as follows: All connections to the output terminals should be made using #12 AWG wire. Each power terminal can accept up to two (2) #12 wires. The recommended installation torque is 9.0 in.-lbs. for line voltage connections.
4. Low-Voltage Wiring:
   a. LCNet must be wired using a twisted pair for the CAN_H and CAN_L wires. Leviton recommends using CAT5 cable.
   b. If the device is the first or last one on the bus, the LCNet must be terminated. Use the terminating plug (included) making sure to connect shorting wire to CAN_H or you may also short the center terminal in the connector on the device to the CAN_H terminal.
   c. LCNets must also be dressed so they are separate from the high voltage (Class II) conductors. Refer to local building codes for the appropriate installation requirements for the low-voltage wiring. Jacketing (included) over the low-voltage wires may be required to provide appropriate insulation from the high-voltage wiring.
   d. Connect leads per appropriate WIRING DIAGRAM as follows: Insert each lead into appropriate plug connector by pushing firmly. If using stranded wire, twist strands of each lead tightly (making sure that there are no stray strands) and push firmly into appropriate plug connector location. Tighten the screws on the plug connector—making sure that no bare conductor is showing. Connect plug connector to jack on the back of the Controller.

For more information go to www.leviton.com

LIMITED 5 YEAR WARRANTY AND EXCLUSIONS
Leviton warrants to the original consumer purchaser and not for the benefit of anyone else that this product at the time of its sale by Leviton is free of defects in materials and workmanship under normal and proper use for five years from the purchase date. Leviton’s only obligation is to correct such defects by repair or replacement, at its option, if within such five year period the product is returned prepaid, with proof of purchase date, and a description of the problem to Leviton at the address below.
Leviton Manufacturing Co., Inc., Att: Quality Assurance
This warranty excludes and there is no warranty for labor for removal of this product or reinstallation. This warranty is void if this product is installed improperly or in an improper environment, overheated, misused, opened, abused, or altered in any manner, or not used under normal operating conditions or not in accordance with any label or instructions. There are no other or implied warranties of any kind, including merchantability and fitness for a particular purpose, but if any implied warranty is required by the applicable law or jurisdiction, the duration of any such implied warranty, including merchantability and fitness for a particular purpose, is limited to five years. Leviton is not liable for incidental, indirect, special, or consequential damages, including loss of use or income, loss of sales or profits or delay or failure to perform. To improve heat dissipation of controls, remove the faceplate from the unit.
Leviton DOES NOT recommend using a door to enclose the front of a panel, since this restricts airflow to the controls.
For Wall Box Mounting: Refer to Figure 1A.
For Flush Mounting: Refer to Figure 1B.
For Panel Mounting (not shown), Proceed as follows:
.a. The enclosure must be in accordance with all local and national electrical codes.
b. Leviton DOES NOT recommend using a door to enclose the front of a panel, since this restricts airflow to the controls.
c. If mounting multiple controls in an enclosure:
   i. Ambient temperature within an enclosure “MUST REMAIN BETWEEN” 32˚-104˚F (0˚-40˚C).
   ii. If not mounting in a metal enclosure, all units “MUST” be mounted in a wall box.
6. Restore power at circuit breaker or fuse.
7. Follow programming steps below.
8. If desired, attach wallplate by aligning tabs on back of plate with grooves in fins on the PEAX (refer to Figure 1A and Figure 1B). INSTALLATION IS COMPLETE.
PEAUX ADDRESSING

Program the PEAUX as follows:
1. At the desired D3204/D3206/D3208 Controller location, press the Wizards button and then the Up or Down button to select the SETUP WIZARD.
NOTE: You must have a D3204/D3206/D3208 in order to program.
2. Press the Select/Next button to access the SETUP WIZARD.
3. Press the Up or Down button to select the Aux Devices screen.
4. Press the Select/Next button to access the Aux Devices menu.
5. Press the Up or Down and Left or Right buttons to select the Panel and Zone Number of the Controller you want the PEAUX to work with.
NOTE: Zone 7, along with the D3208 panel number, will be displayed as the default zone of the programmed D3208 Controller. For the D3204/D3206, a new panel number that is not used by any networked devices must be chosen. The default channel is 1.
6. Press the Select/Next button. Screen will display SET AUX DEVICE. DO NOT press Select/Next button.
7. Go to the PEAUX location. Remove plastic cover from the heat sink. You should see a Green LED on the front of the device blinking once per second which indicates normal operation of the PEAUX. Press and hold the programming button on the front of the heat sink. The LED will stop blinking briefly and then continue to blink again.
8. The PEAUX is now programmed.

Enable the AUX Zones of the D3208 Controller as follows:
1. At the desired D3208 Controller location, press the Wizards button and then the Up or Down button to select the SETUP WIZARD.
2. Press the Select/Next button to access the SETUP WIZARD.
3. Press the Up or Down button to select the Panels screen.
4. Press the Select/Next button to access the Panels menu.
5. Select the group number you want the Controller screen buttons to control. Press the Select/Next button to save entry and proceed.
6. Select the panel number which you have set for the PEAUX. Then press the right arrow button. Choose to include the panel number you have assigned to the PEAUX device. Press the Select/Next button to save entry and proceed.
7. When you page the D3204/D3206 to that panel, you will control the PEAUX from the channels you have programmed.

OPERATION
The operation of the PEAUX from the auxiliary zone for the D3204/D3206/D3208 Controller is as follows:
ON: Turn ON the zone.
Turn OFF: Turn OFF the zone.
DIM: Adjust the zone DIM level.
BRIGHTEN: Adjust the zone BRIGHTNESS level.
Air Gap: When both AUX zones are turned OFF on the Controller, the PEAUX’s built-in air gap relay will open and disconnect the Load.
CAUTION: The PEAUX will still remain powered, but it will not activate the load.
Green LED: Blinks to show operation. If default settings are selected for the D3208, use Zone 7 of the Controller to control the Power Extenders as follows:
Zone 7 will control Load 1
For the D3204/D3206, the PEAUX will be controlled by the zone that has been programmed on the remote panel you have selected. Press Panel Page to page the device to the programmed panel. Refer to steps above for operation.
CAUTION: Based on either Wiring Diagrams 1 or 2, the first and last device on the network must be terminated by adding a jumper wire between CAN_H and the center pin of the low-voltage BUS connector.

TROUBLESHOOTING
- The Power Extender/PEAUX is not powered (LED is OFF):
  - Circuit breaker is OFF.
  - Power wires are not connected properly.
  - The load does not turn ON, but the Power Extender/PEAUX is powered (LED is blinking)
  - The controller is OFF.
  - The Power Extender was not programmed.
  - The controller is connected to a separate circuit, and the circuit breaker is OFF.
  - Dimmer is mis-wired
  - Control Neutral (from controller) wire is not connected to the Neutral of the Line pair feeding the controller.
  - No full range dimming
- Use the D3204/D3206/D3208 to adjust minimum setting.

Wiring Diagrams:
Wiring Diagram 1: Single Feed Wiring Application w/Controller
Wiring Diagram 2: Dual Feed Wiring Application w/Controller

CAUTION:
• No full range dimming
• The Power Extender/PEAUX is not powered (LED is OFF)
• Circuit breaker is OFF.
• Power wires are not connected properly.
• The load does not turn ON, but the Power Extender/PEAUX is powered (LED is blinking)
• The controller is OFF.
• The Power Extender was not programmed.
• The controller is connected to a separate circuit, and the circuit breaker is OFF.
• Dimmer is mis-wired
• Control Neutral (from controller) wire is not connected to the Neutral of the Line pair feeding the controller.
• No full range dimming
- Use the D3204/D3206/D3208 to adjust minimum setting.
Front Panel

FOLD SCHEME

14.0"

8.5"

1 2 3 4 5

Final fold size: 2.8" X 4.25"

Overall size: 14" X 8.5"

Paper size:

Coating:

Material

Type: 50 Lb. offset

Font Families: Helvetica

Color(s): Black over #2's = Fold Sequence

Artwork No/Rev Level: DH-017-PEAUX-02C

LEVITON INSTRUCTION SHEET/MANUAL SPECIFICATIONS

ECO No.: N/A

Date: 03/01/05

Artist: H2D

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