




HOMEWORKS 043522 Clear Connect Gateway Instruction Manual

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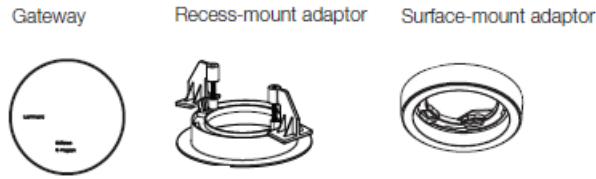
HOMEWORKS 043522 Clear Connect Gateway



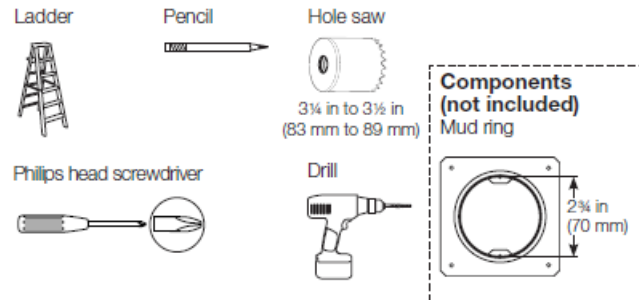
installation Instructions

The gateway requires at least one HomeWorks QSX Processor. Refer to the installation instructions of the HomeWorks QSX Processor for setup and other information. The Clear Connect – Type X Gateway must be powered by an approved LPS/SELV PoE power supply compliant to IEEE 802.3af 2003 or 802.3at 2009.

Included Components



Tools You May Need



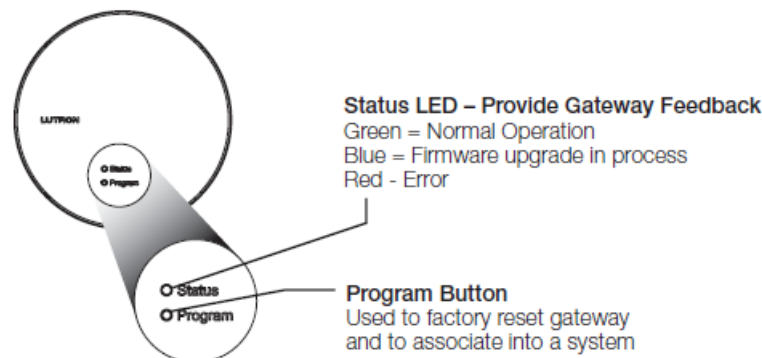
Customer Assistance

For questions concerning the installation or operation of this product, call the Lutron Customer Assistance. Please provide exact model number when calling.

Limited Warranty

For limited warranty information, please visit <http://www.lutron.com/TechnicalDocumentLibrary/043492.pdf>
)Lutron, Lutron, Quantum, HomeWorks, and Clear Connect are trademarks or registered trademarks of Lutron Electronics Co., Inc. in the US and/or other countries. 2019 Lutron Electronics Co., Inc.

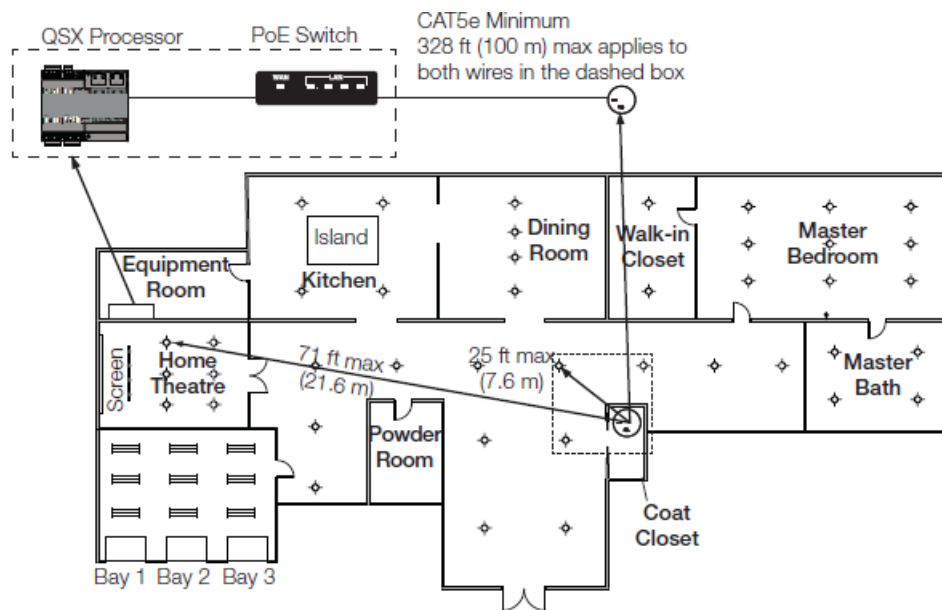
Product Overview



Installation

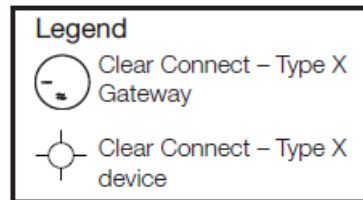
Step 1 — Choose a Location to Install

Choose a location to mount the Gateway so that it is centrally located in relationship to the other Clear Connect – Type X devices. A minimum of two or more Clear Connect – Type X devices must be within 25 ft (7.6 m)* of the Gateway. See Lutron application note P/N 048745 for more information on mounting location requirements for the Gateway. A maximum of 16 total Gateways and wired Processors can be on one system. Clear Connect Gateway – Type X must be mounted 5 ft (1.5 m) away from wireless interference sources like microwaves, Wireless Access Points (WAPs) etc. PoE wiring must be kept internal to the building. Do not run PoE wiring outdoors or install the gateway in metallic enclosures.

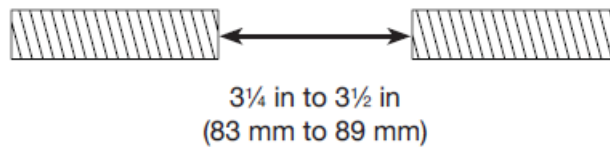


Note:

Each Clear Connect – Type X device should have two or more non-battery-powered Type X devices within 25 ft (7.6 m) of another compatible Clear Connect – Type X device.



Step 2 — Provide opening for Adaptor

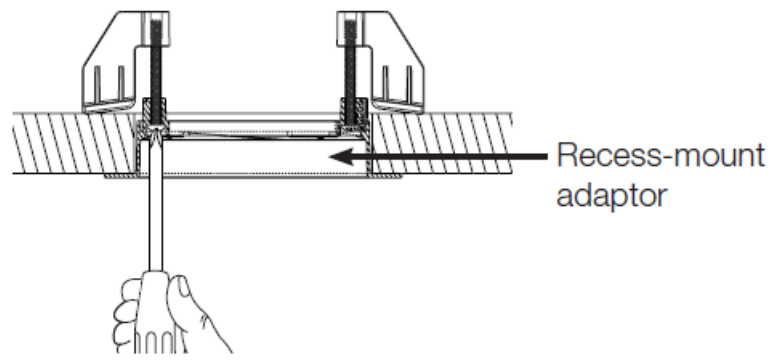


Step 2a

Select the mounting adaptor for your installation. Each Clear Connect Gateway – Type X comes with a recess-mount adaptor and a surface-mount adaptor.

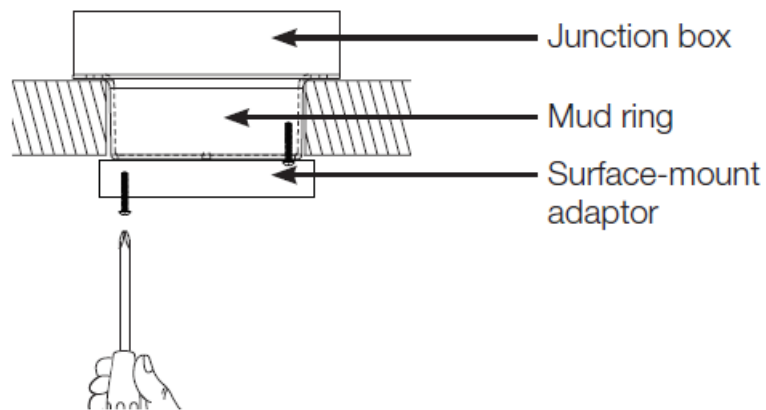
Step 3 — Install Adaptor or Mud Ring into Ceiling

Install adaptor



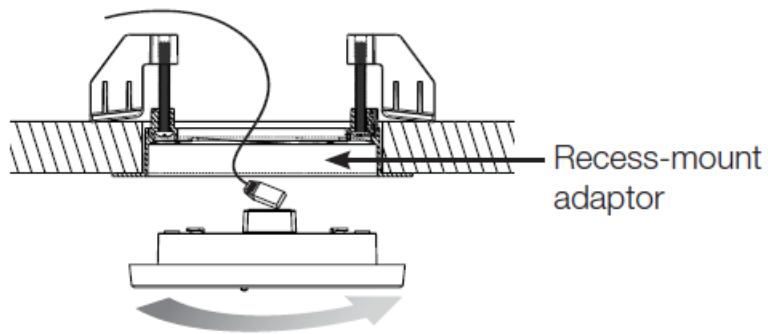
OR

Install mud ring



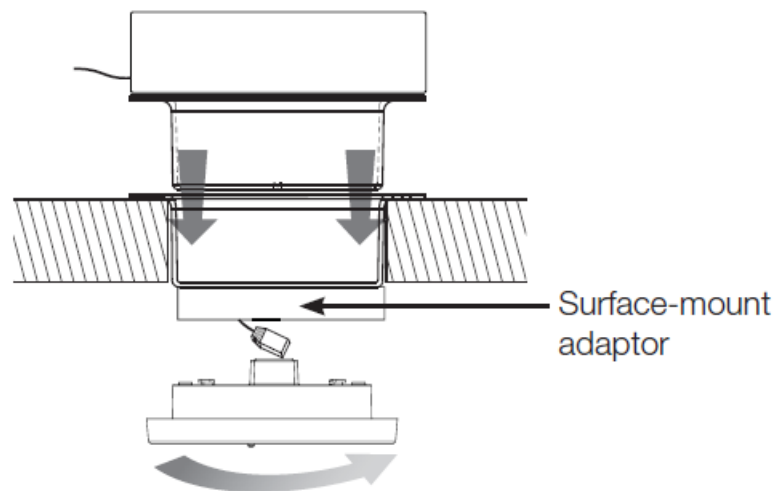
Step 4 — Plug in PoE and Attach Gateway to Adaptor

To adaptor



OR

To mud ring



System Setup

Add the gateway into the HomeWorks Designer software. Note: Requires HomeWorks Designer software 16.0 or later.

LED Diagnostics

| Mode/Error | LED Pattern Description |
|--------------------|--|
| Normal Operation | Status LED blinks Green every 10 seconds |
| Software Update | Status LED blinks Blue |
| Error | Status LED – solid Red |
| Processor Identify | Status LED blinks Green rapidly |

Troubleshooting

| Symptom | Probable Causes and Solutions |
|--|--|
| Unit does not power on | A PoE Switch is not being used or commissioned as a PoE Switch |
| | Other end of the Ethernet cable is not connected to the PoE Switch |
| Unit can not be found in software | The Ethernet cable is not directly connected to the Ethernet switch that the wireless processor is using |
| | Model is not supported (Quantum / myRoom vs. HomeWorks) |
| | Ethernet run is longer than the supported 328 ft (100 m) and a PoE extender is needed |
| Unit does not control surrounding lights | Out of wireless range |
| | Gateway lost power / Ethernet wire run too long and PoE booster is required |

FCC/IC/IFT Information

This device complies with part 15 of the FCC Rules and Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

1. This device may not cause interference, and
2. this device must accept any interference, including interference that may cause undesired operation.

Modifications not expressly approved by Lutron Electronics Co., Inc. could void the user's authority to operate this equipment.

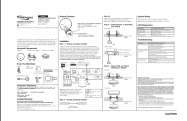
Note:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver
- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC/ISED radiation exposure limits set forth for an uncontrolled environment. The user should avoid prolonged exposure within 20cm of the antenna, which may exceed the FCC/ISED radio frequency exposure limits. This Class B digital apparatus complies with Canadian ICES-003.

Documents / Resources

| | |
|---|---|
|  | <p>HOMEWORKS 043522 Clear Connect Gateway [pdf] Instruction Manual 0129, JPZ0129, 043522 Clear Connect Gateway, 043522, Clear Connect Gateway</p> |
|---|---|

References

-  [Lutron Support Center | Lutron](#)

Manuals+.