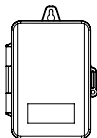


LC421 Load Controller

Quick Start Guide

1 Introduction

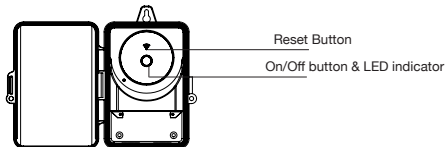


The LC421 ZigBee load controller can be used to control heavy duty equipment such as water heaters, pool pumps, outdoor fountains or lighting wirelessly via your mobile App.

This guide will provide you with an overview of the product and help you get through the initial setup.

Note: Do not use the load controller for more than its rated current.

2 Get to know your device



Reset button

- **Pairing mode.** Press and hold the Reset button for about three seconds until the LED indicator flashes three times. Then, the device is ready for pairing.
- **Reset.** Press and hold the Reset button for ten seconds until the LED indicator flashes three times to restore to default factory settings.

LED indicator

The LED status gives the following information:

LED status	What it means
LED keeps flashing (0.5s On, 2s Off)	Device has not joined a network.
Flashing three times (0.1s On/Off)	Enter end device Pair mode or Return to Factory Settings.
Blue LED	Device is ON.
Red LED	Device is OFF.

3 Get started

Warning!

- The Load Control must be installed and serviced only by a qualified electrical personnel.
- Do not touch the terminals of the device during testing.
- Turn off all the power supply for this equipment before installing.
- Make sure that the power supply is off before connecting or disconnecting it to an auxiliary device.
- Always use a properly rated voltage sensing device to confirm power is off.
- Replace all devices, doors and covers before applying power to the

equipment.

Failure to follow these instructions will result in death or serious injury.

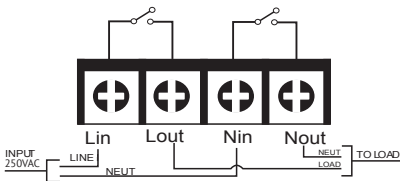
3.1 To get started, you will need:

A Gateway

The mobile app

3.2 Installation

The Load Control must be installed by qualified electrical personnel, please keep the wiring diagram below for future reference.



3.3 Connect to the gateway's network

1. Set your gateway to permit joining.
2. The LED indicator of the Load Control will start flashing after installation indicating it is ready to join the gateway's network.
3. The Load Control will join the gateway automatically and the LED indicator will become steady when successfully added.
4. Now you can find the Load Control under Automation interface of the mobile.

Note: If the Load Control fails to join the gateway's network within one minute, simply reset it and retry.

4 Technical Specifications

Wireless connectivity	• ZigBee 2.4GHz IEEE 802.15.4
ZigBee profile	• Home Automation Profile
Range outdoor/indoor	• 100m/30m
Input	• 250VAC 50/60Hz
Max. Load Current	• 220VAC 50/60 Hz; 25A 5500W Resistive
Weight	• 300g
Dimensions	• 171 (L) x 118 (W) x 48.2 (H) mm

5 Safety Notice

WARNING: Failure to follow these safety notices could result in fire, electric shock, other injuries, or damage to the Load control and other property. Read all the safety notices below before using the Load control.

- Avoid high humidity or extreme temperatures.
- Avoid long exposure to direct sunlight or strong ultraviolet light.
- Do not drop or expose the unit to intense vibration.
- Do not disassemble or try to repair the unit yourself.
- Do not expose the unit or its accessories to flammable liquids, gases or other explosives.