

Welcome

Lightcloud®

Nano

NANO/LCB

WE'RE HERE TO HELP:

1(844) LIGHTCLOUD

1(844) 544-4825

Hello

The Lightcloud Blue Nano is a compact, USB-powered device that expands Lightcloud Blue capabilities. It requires constant power and a 2.4 GHz Wi-Fi network to enhance timekeeping and enable advanced features—no gateway required.

Product Features

- Allows for automated demand response
- Manual control on/off by clicking button once
- Changes CCT by double-clicking button
- Improves timekeeping of Lightcloud Blue devices
- Enables voice control & remote access
- Connects to 2.4GHz Wi-Fi network

Setup & Installation

① Download the app

- Get the Lightcloud Blue app from the Apple® App Store or Google® Play Store.



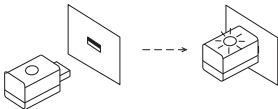
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② Find a suitable location

- Lightcloud Blue devices should be positioned within 60 ft. of each other.
- Building materials such as brick, concrete and steel construction may require additional Lightcloud Blue devices to extend around an obstruction.

③ Plug Nano into power

- The Nano has a standard USB-A plug that can be installed into any USB port, such as a laptop, USB outlet, or power strip.
- The Nano needs to have constant power in order for it to operate as intended.



④ Pair the Nano to the app

- The Nano can pair with up to 600 devices in a Site.
- Nano will be listed as a Global device.
- Configure the Nano using the mobile app; it cannot be controlled using the mobile app.

⑤ Connect the Nano to Wi-Fi

- The Nano requires the Lightcloud Blue app, Lightcloud Blue Devices (*lamps and fixtures*) and 2.4GHz Wi-Fi network.
- Areas can be added in the Device Settings for features such as SmartShift, Demand Response, Voice Control and more. A maximum of 16 Areas can be added to the Nano. If >16 Areas are needed, the Site should be separated into multiple Sites with a Nano paired to each Site.

⑥ Manual Control

- The Nano can manually turn devices which are grouped together on and off by clicking the on board button once.
- By double clicking the button, the Nano will cycle through different color temperatures with compatible, grouped devices.

⑦ Nano Reset

- Press and hold the center button on the Nano for 10s. A flashing red light will appear to indicate the Nano has been reset and then revert to a flashing blue when the Nano is ready to pair.

Nano Status Indicators



Solid Blue

Nano is paired to the Lightcloud Blue app.



Flashing Blue

Nano is ready to be paired to the Lightcloud Blue app.



Solid Green

Nano has successfully established a Wi-Fi connection with the network.



Flashing Green

Connected to Wi-Fi, but not to the Lightcloud Blue server.



Flashing Red

Nano has been restored to default factory settings.



Flashing Yellow

Nano is trying to establish a connection to a 2.4GHz Wi-Fi network.

Functionality

Configuration

All configuration of Lightcloud Blue products is performed using the Lightcloud Blue mobile app.

Power Outage Recovery

If communication is lost, device will attempt to reconnect to the Wi-Fi network to send the current time to all devices in the Site to maintain Schedules. Any scheduled event that takes place during a communication loss will need to be manually enabled when communication is restored.

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support@lightcloud.com

FCC Information:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: 1. This device may not cause harmful interference, and 2. This device must accept any interference received, including interference that may cause undesired operation.

Note: This device has been tested and found to comply with the limits for Class B digital devices pursuant to Part 15 Subpart B, of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential environment. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instruction manual, 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 and 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 is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To comply with the FCC's RF exposure limits for general population / uncontrolled exposure, this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

CAUTION: Changes or modifications to this equipment not expressly approved by RAB Lighting may void the user's authority to operate this equipment.

Lightcloud®

Lightcloud Blue is a Bluetooth®Mesh lighting control system designed for fast setup and flexibility. Start with a single device and easily scale to control entire buildings. Learn more at rablighting.com/lcb

RAB®

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