



Lightcloud is a commercial wireless lighting control system & service. It's powerful and flexible, yet easy to use and install. Learn more at [lightcloud.com](http://lightcloud.com)

**1 (844) LIGHTCLOUD**

1 (844) 544-4825

[support@lightcloud.com](mailto:support@lightcloud.com)

**RAB**<sup>®</sup>  
LIGHTING

© RAB Lighting, Inc

170 Ludlow Avenue Northvale, NJ 07647

Custom manufactured in China

# Welcome



Lightcloud<sup>™</sup> Touch

LCTOUCH10

WE'RE HERE TO HELP:

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# Hello

Lightcloud is a wireless lighting control service. The Lightcloud Touch is a wall-mounted 10" touchscreen tablet that gives users a convenient and customizable interface for controlling a Lightcloud site.

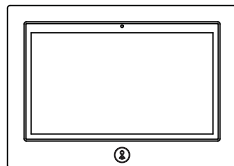
## Product Features

AC-powered for permanent installation  
Customizable zone and scene control  
Direct local control for minimum latency  
Easy setup from your computer or mobile device—or just call RAB

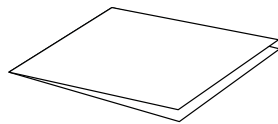
*Patent Pending*

# Contents

Lightcloud Touch



Instruction Manual



Six #6-18 x 1" Drywall Screws



# Specifications

## PART NUMBER

LCTOUCH10

## INPUT

120VAC, 50/60Hz, 0.3A

## OPERATING TEMPERATURE

-10°C to 40°C

## OPERATING HUMIDITY

10% RH to 95% RH

## OVERALL DIMENSIONS

11" x 7.8" x 2.3"

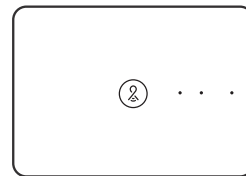
## WIRELESS RANGE

Line of Sight 1000 feet

Obstructions 100 feet

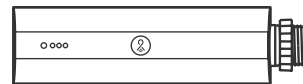
Warranty is active as long as service plan is active.  
Indoor Rated.

# What You Need



## Lightcloud Gateway

A Lightcloud installation requires at least one Lightcloud Gateway to manage your devices.



## Lightcloud Controller

(Or similar Lightcloud actuation device)

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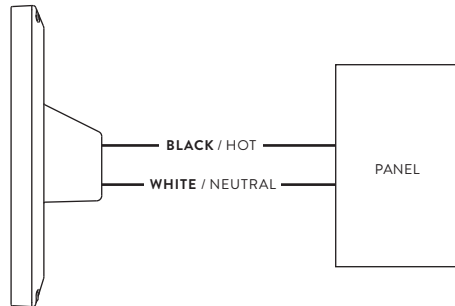
1 (844) 544-4825

support@lightcloud.com

# Finding a Suitable Location

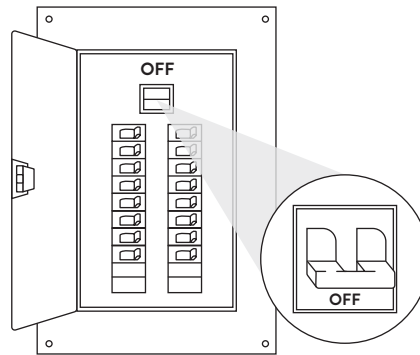
Lightcloud uses a wireless mesh network to connect devices such as the Dimmer to the Gateway. Unlike a WiFi router, each Lightcloud device may connect another device to the network. If there is a clear line of sight between two Lightcloud devices, they can be placed up to 1000 feet apart. If the two devices are separated by ordinary drywall construction, try to keep them within 100 feet of each other. Brick, concrete and steel construction may require additional AC-powered Lightcloud devices to go around the obstruction. See the Deployment section of your Gateway for more information.

## Wiring



## Setup & Installation

### ① Turn off power ⚠ WARNING



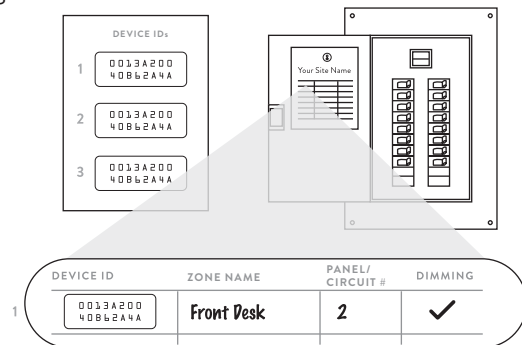
### ② Install the Touch

- Choose a junction box at which to install the Touch, keeping in mind the guidelines from "Finding a Suitable Location".
- Affix the bracket to the wall using the six #6-18 x 1" screws included.
- Connect hot and neutral wires to the wires on the back of the Touch as shown in the "Wiring" section.
- Hang the touch from the bracket.

# Setup & Installation (cont'd)

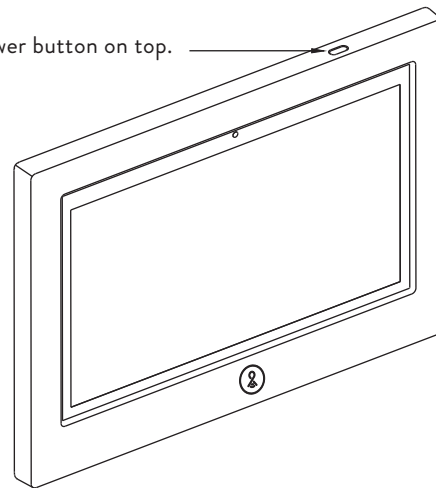
## ③ Labeling your device

For setup and maintenance, we provide two Lightcloud Device Tables with the Gateway: one that you can attach to your panel and one to hand off to a building manager. Attach the Device Identification stickers included with each device to a row, then write in additional information, such as Zone name, Panel/Circuit Number, and whether or not a zone uses dimming.



## ④ Enabling your device

4a Turn the Touch on by holding the power button on top.



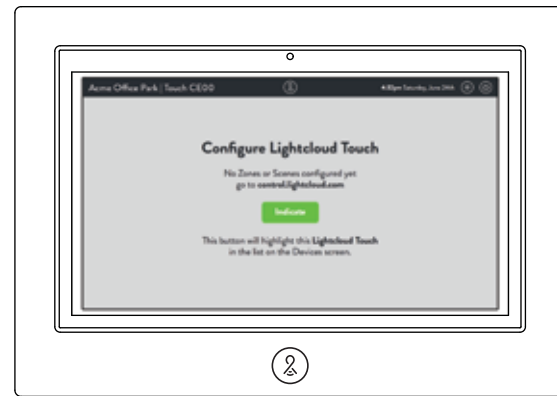
# Setup & Installation (cont'd)

## ④ Enabling your device (cont'd)

- 4b Call RAB at 1 (844) LIGHTCLOUD, or email us at [support@lightcloud.com](mailto:support@lightcloud.com), to add the Touch to your Lightcloud network.



- 4c Once the Touch has joined your network, you'll see the screen below.



# Functionality

## Configure

All Lightcloud products can be commissioned and configured by:

- Logging on to [lightcloud.com](https://lightcloud.com)
- Calling RAB at 1 (844) LIGHTCLOUD
- Emailing us at [support@lightcloud.com](mailto:support@lightcloud.com)

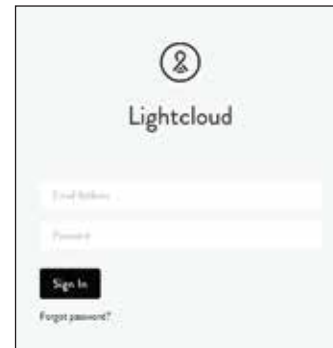
### ① Configuring the Touch by calling or emailing RAB

**1 (844) LIGHTCLOUD**

1 (844) 544-4825  
[support@lightcloud.com](mailto:support@lightcloud.com)

### ② Configuring the Touch using the web/mobile application

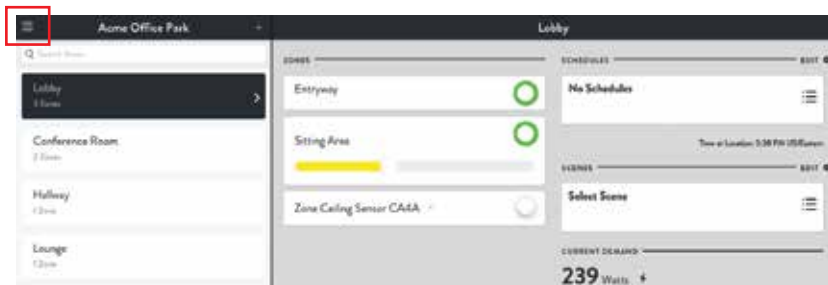
- 2a** Navigate to <https://control.lightcloud.com> and log in.

A screenshot of the Lightcloud login page. At the top, there is a circular icon with the number 2 inside. Below the icon, the word "Lightcloud" is displayed. Underneath, there are two input fields: the first is labeled "Email Address" and the second is labeled "Password". Below these fields is a black "Sign In" button. At the bottom of the page, there is a link that says "Forgot password?".

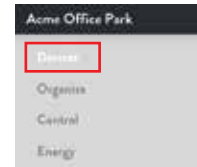
# Functionality (cont'd)

## ② Configuring the Touch using the web/mobile application (cont'd)

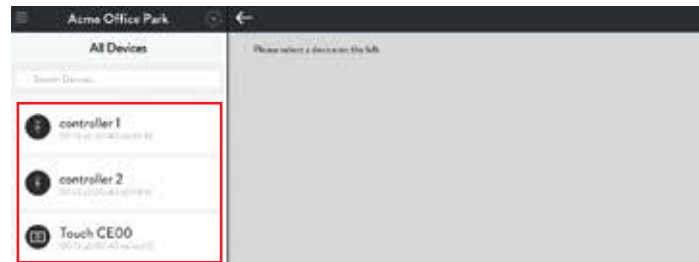
2b Click the  menu icon in the top left.



2c Navigate to your Site, then click Devices.



2d Find your Touch device in the Device List on the left





# Functionality (cont'd)

## ② Configuring the Touch using the web/mobile application (cont'd)

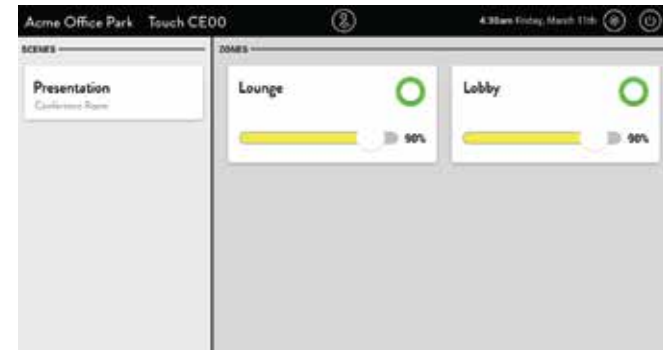
- 2e Click the icon to add zone and/or scene controls to your Touch.



In this example, we've configured our Touch to control two zones and one scene:



- 2f Within a few seconds, the tablet UI refreshes to reflect our changes.



*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 FCC RF exposure limits for general population/uncontrolled exposure, this transmitter must be installed to provide a separation distance of at least 20cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.*

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