

Welcome



Lightcloud®

Touch

WE'RE HERE TO HELP:

1 (844) LIGHTCLOUD

1 (844) 544-4825

support@lightcloud.com

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

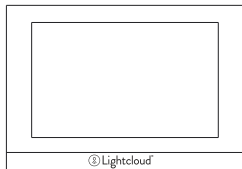
Direct local control for minimum latency

Easy setup from your computer or mobile device—or just call RAB

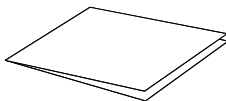
Patent Pending

Contents

Lightcloud Touch



Instruction Manual

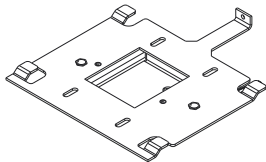


Four #6-32 x 3/8"

One #4-40 x 1/8" acting as a screw set



Bracket



Specifications

PART NUMBER

LCTOUCH

INPUT

100-240VAC, 0.3-0.5A, 47-63Hz

OPERATING TEMPERATURE

0°C to 40°C

MAXIMUM RELATIVE HUMIDITY

90%

OVERALL DIMENSIONS

10.8" x 7.5" x 0.7"

WIRELESS RANGE

Line of Sight 1000 feet

Obstructions 100 feet

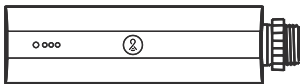
Indoor Rated

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)

WE'RE HERE TO HELP:

1 (844) LIGHTCLOUD

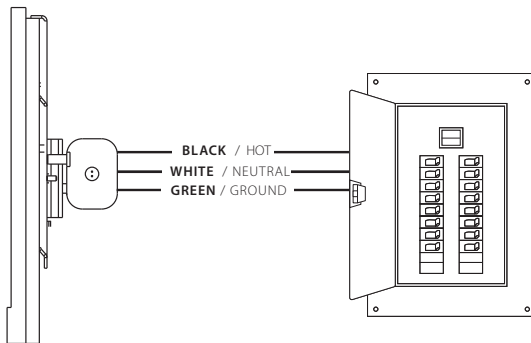
1 (844) 544-4825

support@lightcloud.com

Finding a suitable location

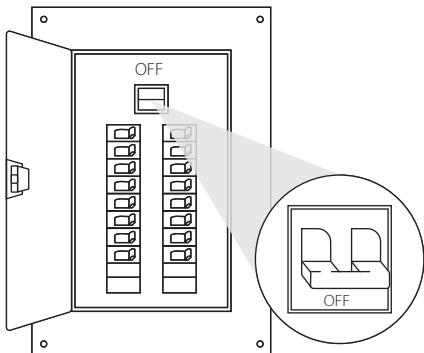
Lightcloud uses a wireless mesh network to connect devices such as the Touch to the Gateway. Unlike a WiFi router, each Lightcloud device may connect another device to the network. If there is a clear line of sight between two Lightcloud devices, they can be placed up to 1000 feet apart. If the two devices 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



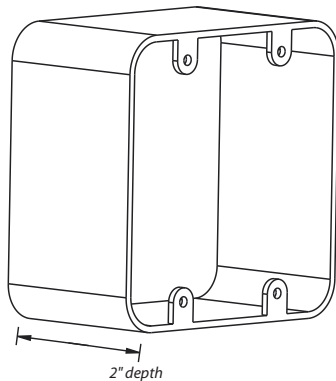
Setup & installation

- 1 Turn off power



- 2 Inspect the box

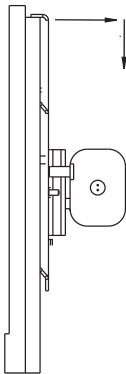
The Touch requires a 2-gang box with a minimum internal depth of 2".



Setup & installation *(cont'd)*

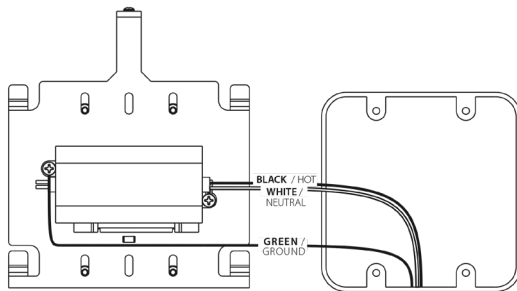
3 Remove the Bracket

Pull the tab at the top of the Touch and slide the bracket off the Touch.



4 Wire the Power Supply

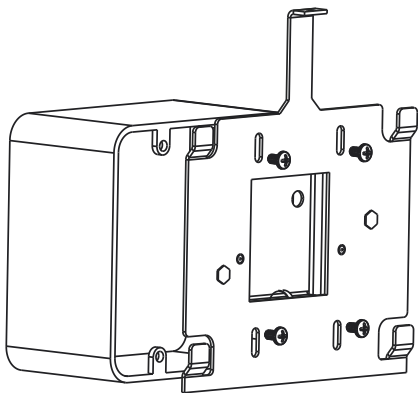
Black to Hot
White to Neutral
Green to Ground



Setup & installation *(cont'd)*

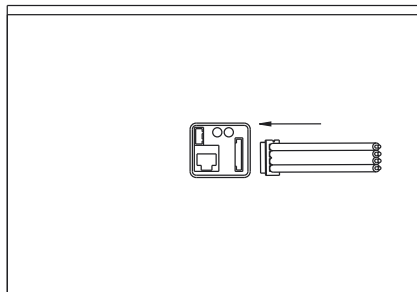
5 Install the Bracket

Center the bracket over the junction box and attach with screws.



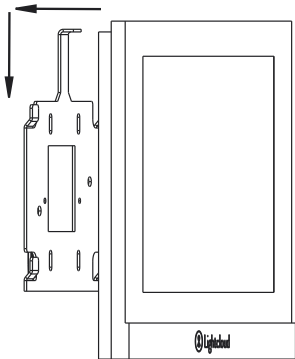
6 Connect power cable to Touch

Connect the power cable to the back of the Touch

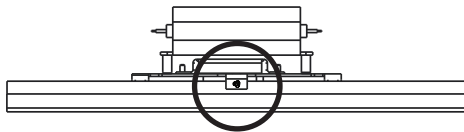


Setup & installation *(cont'd)*

- 7 Slide Touch onto Bracket
Align bracket tabs with slots on back of Touch and slide Touch down.



- 8 Tighten Set Screw
Tighten set screw on top of bracket



Don't over tighten set screw!

Setup & installation *(cont'd)*

9 Labeling your device

When installing devices, it's important to keep track of their Device IDs, installation locations, panel/circuit #s, dimming function, and any additional notes. To organize this information, use the Lightcloud Installer Application (A) or Device Table (B).

9a Lightcloud Installer Application

Install the LC Installer Application: LC Installer is available for iOS or Android

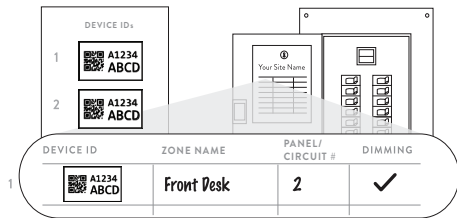
Scan & Install Lightcloud Devices: Scan each device and assign to a room. It's recommended that each device is scanned just before or just after being wired so no devices are missed. The more notes that are given, the easier it is to commission the system.



Send to RAB: Once all of the devices have been added and organized, submit the information for commissioning.

9b Device Table

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.



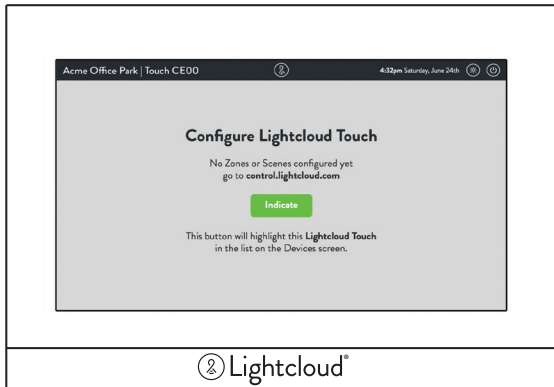
Setup & installation *(cont'd)*

10 Power Up

- 10a Call RAB at 1 (844) LIGHTCLOUD, or email us at support@lightcloud.com, to add the Touch to your Lightcloud network.



- 10b 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
- Calling RAB at 1 (844) LIGHTCLOUD
- Emailing us at support@lightcloud.com

① Configuring the Touch by calling or emailing RAB

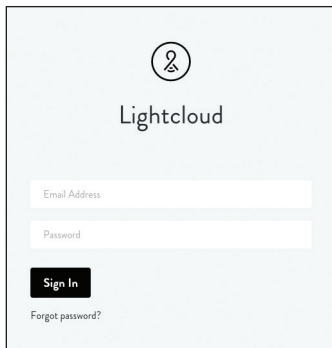
1 (844) LIGHTCLOUD

1 (844) 544-4825

support@lightcloud.com

② Configuring the Touch using the web/mobile application

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

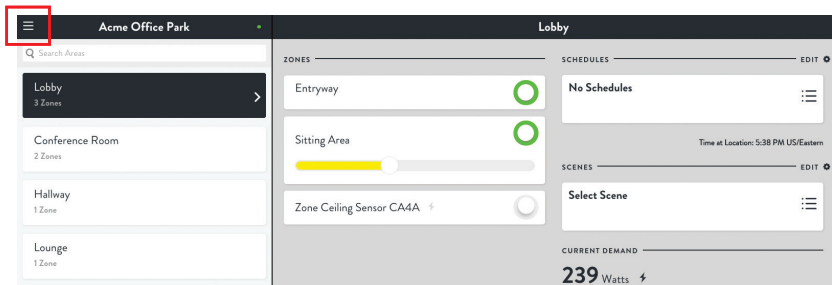


The screenshot shows the Lightcloud login interface. At the top center is a circular icon containing a stylized person symbol. Below the icon is the text "Lightcloud". There are two input fields: "Email Address" and "Password". Below the "Password" field is a black "Sign In" button. At the bottom left, there is a link that says "Forgot password?".

Functionality *(cont'd)*

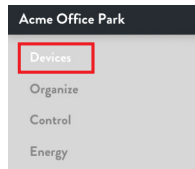
② Configuring the Touch using the web/mobile application *(cont'd)*

2b Click the  menu icon in the top left.

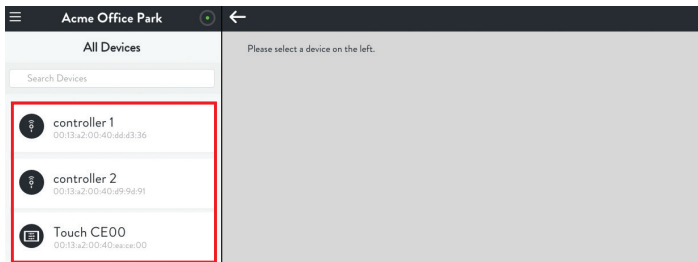


The screenshot displays the user interface for 'Acme Office Park'. The top navigation bar is dark grey with the text 'Acme Office Park' on the left and 'Lobby' on the right. A red square highlights the menu icon (three horizontal lines) in the top left corner. Below the navigation bar is a search bar labeled 'Search Areas'. A list of areas is shown on the left: 'Lobby' (3 Zones), 'Conference Room' (2 Zones), 'Hallway' (1 Zone), and 'Lounge' (1 Zone). The 'Lobby' item is selected and highlighted in dark grey. The main content area is divided into two columns. The left column is titled 'ZONES' and contains three items: 'Entryway' with a green status indicator, 'Sitting Area' with a green status indicator and a yellow progress bar, and 'Zone Ceiling Sensor CA4A' with a grey status indicator. The right column is titled 'SCHEDULES' and shows 'No Schedules' with a menu icon. Below this is the text 'Time at Location: 5:38 PM US/Eastern'. Further down is the 'SCENES' section with 'Select Scene' and a menu icon. At the bottom right, the 'CURRENT DEMAND' is shown as '239 Watts' with a lightning bolt icon.

2c Navigate to your Site, then click Devices.



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

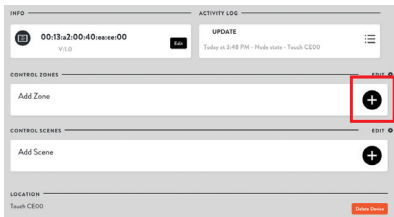


Functionality *(cont'd)*

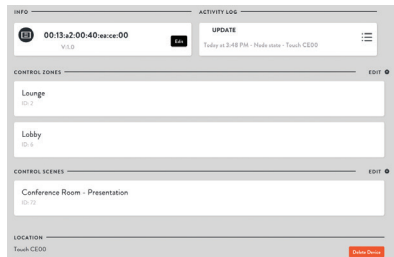
② Configuring the Touch using the web/mobile application *(cont'd)*

2e

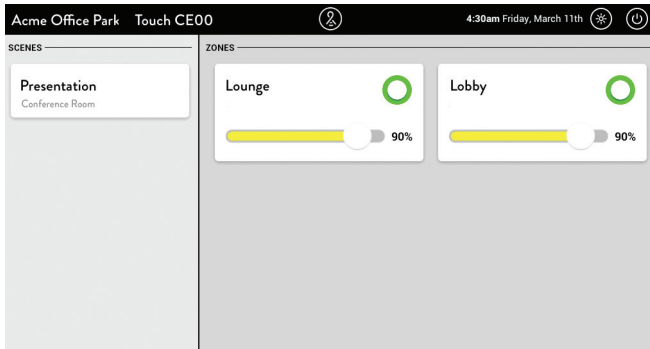
Click the icon to add zone and/or scene controls to your Touch.



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 the changes.



FCC Information:

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial 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. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

These limits are designed to provide reasonable protection against harmful interference in a non-residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference with radio or television reception, which can be determined by turning the equipment off and on, you are encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the antenna.*
- Increase the separation between this 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.



Lightcloud is a commercial wireless lighting control system. It's powerful and flexible yet easy to use and install. Learn more at lightcloud.com

1 (844) LIGHTCLOUD

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support@lightcloud.com

RAB[®]

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Custom manufactured in China