Manuals+ — User Manuals Simplified.

RCA NT2 Series Dual Control Troffer User Guide

Contents

RCA NT2 Series Dual Control Troffer

Product Specifications

- Product Name: NT2 Series Dual-Control TrofferTM
- Operating Mode: Standalone Mode
- Default Settings:
  - Brightness: 80%
  - Turns off after 30 minutes without motion detection
  - Color Temperature: 3500K CCT
- Wireless Controls: RCA Sensor Connect app
- Phone Support: 1-800-722-2161 opt. 1
- Email Support: **support@rcaled.com**
- Corporate HQ: 5935 W. 84th Street, Suite A Indianapolis, IN 46278
- RI-07245 11.23

Product Usage Instructions

Adjusting Settings in Standalone Mode

1. The light comes pre-programmed in Standalone Mode.
2. To adjust basic settings, use the Control Button on the multi-sensor.
3. Press the button the number of times displayed in the first column to program your desired light setting.
4. The light will flash the corresponding number of times to confirm the new setting input.

Light Level Touch Controls

Button Press #	Maximum	Mid Level	Minimum
1	80%	40%	0%
2	60%	40%	0%
3	40%	20%	0%
4	100%	40%	0%
9 (EM mode)	100%	40%	20%

Delay Time Touch Controls (After No Motion Detection)

Button Press #	Dim Down To Mid	Time Out To Min
5	5 Minutes	10 Minutes
6	15 Minutes	20 Minutes
7	25 Minutes	30 Minutes
8	30 Seconds	1 Minute
10 presses	Reset to factory defaults	

Changing Correlated Color Temperature (CCT)

To change the CCT, hold the button for 5 seconds. The available options are:

- 5000K
- 4500K
- 4000K
- 3500K (default)
- 3000K

Frequently Asked Questions (FAQ)

How do I download the RCA Sensor Connect app?
To download the app, follow these steps:

1. Go to the Google Play store.
2. Search for "RCA Sensor Connect" in the search bar.
3. Click on the app and click "Install" to download it.

How do I install the RCA troffer?
To install the RCA troffer, follow the instruction manual provided with the product. Make sure it is receiving power.

How do I contact technical support?
You can contact technical support through the following channels:

- Toll-Free Phone: 1-800-722-2161 opt. 1 (answered by humans)
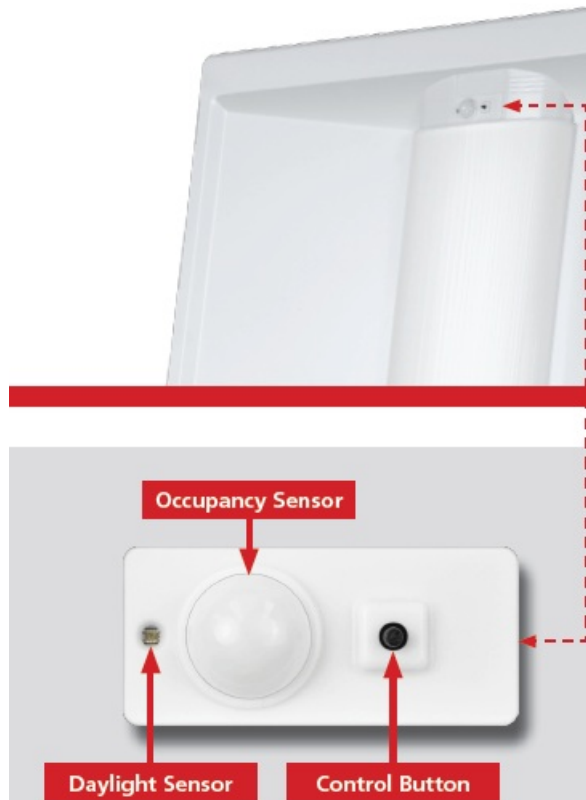- **Email: support@rcaled.com** (answered by humans)

Where can I find more information about Sensor Connect operating instructions?
You can find detailed Sensor Connect operating instructions, including profile settings, CCT, floor plan editing, switch schedules and grouping, scene selector details, daylight settings, backup, sharing, and updates on our website at:
https://www.rcalights.com/resources/

Standalone Mode

This light is pre-programmed to operate in 'Standalone Mode' out of the box. In 'Standalone Mode', you can adjust basic settings (brightness, delay time) by using the Control Button on the multi-sensor, without the need to connect to the sensor connect app.

Adjusting Settings in Standalone Mode

1. Default Settings: 80% brightness / Turns off after 30 minutes without motion detection / 3500K CCT.
2. Press the button the number of times displayed in tthe first column to program your desired light setting.
3. Once the setting has been adjusted, the light will flash the corresponding number of times to confirm the new setting input.

Light Level Touch Controls

Button Press #	Maximum	Mid Level	Minimum
1	80 %	40 %	0 %
2	60 %	40 %	0 %
3	40 %	20 %	0 %
4	100 %	40 %	0 %
9 (EM mode)	100 %	40 %	20%

Delay Time Touch Controls (After No Motion Detection)

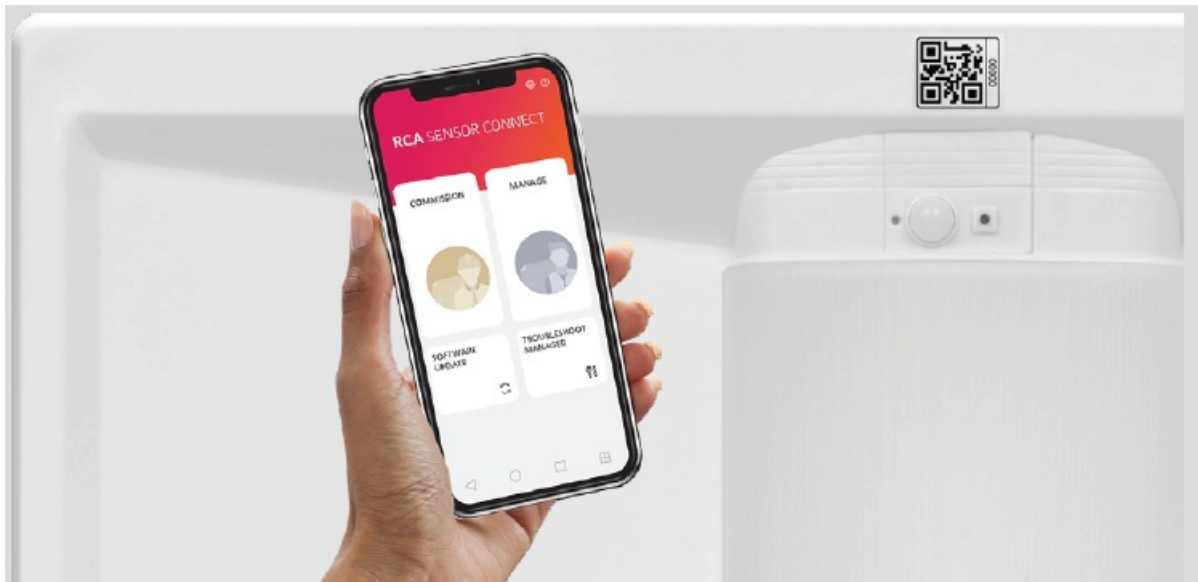| Button Press #	Dim Down To Mid	Time Out To Min	Total
5	5 Minutes	5 Minutes	10 Minutes
6	15 Minutes	15 Minutes	20 Minutes
7	25 Minutes	5 Minutes	30 Minutes
8	30 Seconds	30 Seconds	1 Minute

Hold button for 5 seconds to change correlated color temperature (CCT) 5000K ► 4500K ► 4000K ► 3500K ► 3000K

CONTACT SUPPORT

- Toll Free Phone

  1-800-722-2161 opt. 1

  Tech support answered by humans
- Email

  support@rcaled.com

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Commissioning Basic Steps

RCA SENSOR CONNECT 2 is a stand-alone wireless lighting system that is optimized for About RCA Sensor Connect™ non-residential spaces such as offices, schools, factories, and hospitals. The RCA SENSOR CONNECT APP makes it easy to create lighting groups for your purpose in the building's space, to optimize energy savings, and to help facility managers easily maintain lighting groups. It can create more than 10,000 independent lighting groups in a space without a network management device, and can easily split or merge lighting groups. To help end user's energy requirements, It can easily set up and operate the lights, sensors, switches, and schedulers within a lighting group, and redesign the groups. Create a commissioning plan by designing a lighting group and easily register the ID of the fixtures in advance by scanning the QR code from the fixture or barcode on the packaging. Just click on the commissioning button once at the site and SENSOR CONNECT APP will commission all fixtures into your lighting plan.
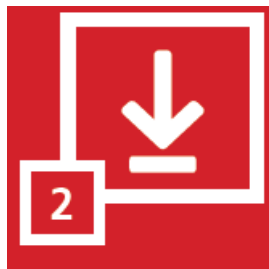
Let's get started

- Requirements:
    - Android Tablet with version 8 or higher
    - Downloaded "RCA Sensor Connect 2" app available in the Google Play Stor

    - Commissioning Dongle – RCA-VLC-USB
- Install the light
    - Follow the instruction manual to install your RCA troffer. Verify that it is receiving power.
- Download the app
    - Download the 'RCA Sensor Connect' app from the Google Play store.

- Use the QR Code Or download at
    - **https://play.google.com/store/search?q=rca+sensor+connect&c=apps3**.

1. Insert Dongle into the USB port of the tablet (USB A to C converter may be required)
2. Open the RCA Sensor Connect 2 application and add a password.

3. The application will restart. Enter the password and acknowledge the latest firmware version.

Building Setup

1. Tap "Commissioning" and then tap on "Offline Commissioning."
2. On the Buildings page, tap on "Add" and enter the building's name.
3. Then tap on the building created and it will ask to add a profile. Choose a profile most relevant.
4. Then tap on the building again and tap on "Add" a floor and insert a floor name.
5. Then tap on the floor created and tap on "Add" to add a location such as an office, open area, corridor etc.
6. At this point you can add all or some of the locations you think are going to be required. These can also be added at any point it time in the "Offline Commissioning mode".

Adding Lighting Fixtures and Switches in Offline Mode

1. Tap on a specific location and tap on "Set Profile". Either choose a standard pre-loaded profile (Top RHS corner) or create your own profile i.e. Light (i.e. setting the CCT), Motion and Daylight setting. Before saving you must rename the profile (Top LHS corner). This can also be done at a later stage.
2. Light Fixtures and switches can be pre-commissioned at this point.
3. Tap on "Add" and select the item to be added and then select how they are to be registered.
4. The preferred method is by scanning the QR code located on the fixture or barcode on the fixture or packaging.
5. Select camera and scan the appropriate QR code or barcode and tap the "+" icon to save to the location.
6. Optionally, a floor plan can now be added and edited, or this process can be skipped. To add a floor plan select the icon in the top RHS corner (default grid or add a floor plan via the gallery or camera.
   NOTE: Devices added in offline mode will be programmed during online commissioning as "registered devices" (see step 2 in section below)

Adding Lighting Fixtures and Switches Online

1. Tap on the online icon at the top RHS of the screen and then tap on the location you want to commission and ensure you can see all the fixtures and switches in the area. Tap on "commissioning" at the bottom RHS of the screen and select the range. Choose the closest range possible so as not to include fixtures out of the location.
2. Select "Commissioning" and either select Registered devices only (If all devices are registered) or "and new devices" if not all registered.
3. The app will do four 15 second searches and can be stopped at any time. Registered devices found will be added directly to the location (the description of the devices change from a barcode to a detailed description).
4. All unregistered devices will be added to the red icon at the top LHS called "Unidentified".
5. Tap this icon and then tap the fixture/s (Fixture will switch off) to ensure it does belong in the location.
6. If so, tap on "Move" and select the location you are in. If an unidentified fixture does not belong to the area you are commissioning you can either move it to a known location
   (follow directions on the screen) or delete it and discover it in the correct location.
7. Follow the same above procedure for switches and scene selectors. Ensure the units are active by pressing any button to activate the units.

For detailed Sensor Connect operating instructions which include profile settings and CCT, floor plan editing,

switch schedules and grouping, scene selector details, daylight settings, backup, sharing and updates please find our Sensor Connect operating manual on our website at:
https://www.rcalights.com/resources/

Documents / Resources

RCA NT2 Series Dual Control Troffer [pdf] User Guide
NT2 Series Dual Control Troffer, NT2 Series, Dual Control Troffer, Control Troffer, Troffer

References

- **Home - RCA Lighting : RCA Lighting**
- **Resources Archive - RCA Lighting : RCA Lighting**
- **User Manual**