

QUICK PROGRAMMING FOR DIMMABLE LED RTS LIGHT KIT

GETTING STARTED

STEP 1: Choose a location to mount the receiver.

The surface should be reasonably flat and have enough room for easy access to connect the cables on both sides.

If you are connecting a Sunea motor with Quick connect to the LED Control, ensure the motor socket is close enough to the motor for the motor cable to reach.

Confirm the interconnect cables will reach. If mounting LED bars on the arms of a long awning, the LED control may need to be mounted closer to the center and a second 15 ft interconnect cable may need to be ordered.

STEP 2: Fasten the LED Control to the selected surface using #8 screws appropriate for the material you are mounting to.

STEP 3: Mount the LED bars.

NOTE: If mounting the LED bars on or near an awning, ensure the desired mounting location has clearance for the LED bars and the cables and LED bars are clear of contact from other moving parts through the full travel of the awning.

NOTE: The LED bars can be mounted using the included double sided tape or with screws through the mounting tabs. If using the tape, ensure the surface is clean and dry. Double check the mounting location as the tape attaches strongly.

If mounting LEDs to the awning arms, ensure the LED bars on the front arm and the back arm are close enough to the arm joint that the connector cables are not pulled tight when the arms are extended or retracted and roughly the same distance from the arm joint to reduce bending of the cables.

NOTE: Make certain to mount the LED bars with the female connector closest to the LED control.



Example 1: Utilizing the Sunea® motor the receiver is plugged into the motor and both are powered from the same source via Sunea® power cord. The field instalable motor plug allows the same configuration with other motors.



Example 2: The receiver and motor are plugged separately for power, each directly into the power outlet.

NOTE: The receiver can be used with most 12V LED lights, up to 60w.

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STEP 4: Interconnection Cables (From White sockets on LED control to Female connector on LED bar)

Press the interconnection cables into the connections and then screw down on both the Control and LED bar sides. The connectors are keyed to prevent incorrect connections.

For the awning arm kit, use the 5' connection cable to connect to the close arm and the 25' to connect to the far arm. If mounting to the arms on a long awning, you may need to mount them in the middle and order another cable (5, 15 and 25 ft. cables are available separately).

Use zip ties or cable guides to secure the cable. Leave enough free cable at joints to prevent the cable from pulling tight or bending at a sharp angle.

Ensure the cables are free from pinching, pulling or contact with moving parts through the full travel of the awning.

If only connecting 1 series (string) of LED bars to the LED Control, leave the weather cap tight on the spare socket.

STEP 5: Connect Power (Optional - also connect the motor)

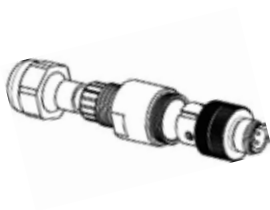
If used with a Sunea motor with quick connect, the existing motor power cord can likely be used. Ensure the control is mounted close enough to the motor.

Connect the power cord into the black power connector and screw tight.

(The power cord is purchased separately)

If connecting a Sunea® motor with quick connect, remove the silver weather cap and screw the motor into the silver socket.

A standard Altus® or any RTS CMO motor can be connected to the LED Control by adding a field installable motor quick connector. See the Quick Connect addendum.



Field Installable
Motor Quick
Connector

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PROGRAMMING MODE

FEEDBACK

On each programming step the LED Control will give a blink of the connected LEDs as feedback to confirm the command was accepted. If the LEDs are off, the feedback is a blink on and then back off. If the LEDs are on, the feedback will be a blink off and then back on. Some programming functions give a slow blink 2 to 3 seconds on/off (or off/on as mentioned above) and others will provide a fast blink as feedback.

POWER UP

When power is first applied to the LED Control, the LEDs will give a slow blink. This is the indication that the LED Receiver is not programmed.

MEMORIZING THE 1ST TRANSMITTER

STEP 1: Power up the LED Control and verify that the LEDs give a slow blink.

STEP 2: Press and the **UP and DOWN** buttons simultaneously. The LEDs will give slow blink.

STEP 3: Press the programming button until the LEDs give a slow blink. The transmitter is now programmed.



ADDING ADDITIONAL TRANSMITTERS (CHANNELS)

A total of 12 RTS transmitters (channels) can be memorized by the LED Receiver

STEP 1: With the LEDs OFF, use a programmed transmitter and press and hold the **PROGRAMMING button** until the LEDs give a slow blink

STEP 2: Press the **PROGRAMMING button** of the transmitter you wish to add, the LEDs will give a slow blink. The transmitter is ready for your use.

FACTORY RESET

If all programmed transmitters are lost or broken, the LED control can be reset to factory setting to allow a new transmitter to be added.

1. If a motor is connected to the LED control, disconnect the motor before starting. Reconnect the motor after the LED control has been reprogrammed.
2. Cut power for 5 seconds.
3. Restore power for 10 seconds.
4. Cut power for 5 seconds.
5. Restore power. The LED control should start a slow on/off blink cycle that will continue for 2 minutes if no other commands are given.

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FACTORY RESET - CONTINUED

6. While the LEDs are in the on/off blink cycle, press and hold the programming button on the transmitter until the LEDs give a fast blink on/off and then a second blink on/off and then remain off.

The control is now reset and can be programmed with a new transmitter.

FUNCTION

Setting and using the Favorite “my” light level



'my' light level

1. To set the favorite “my” light level use the up or down button to dim the LEDs to the desired light level.

2. Press and hold the **MY/STOP** button until the LEDs blink twice.

The favorite “my” level is set. A short press of the **MY/STOP** button will move the light level to the set favorite.

LED 3 hour Timer

The LED Control has a 3 hour timer that can be enabled or disabled as desired. The timer is disabled in the factory default mode.

With the Timer enabled, the control will automatically turn off the LEDs 3 hours after the last command is given.

Enable the Timer

Simultaneously press and hold for approximately 7 seconds the **UP, MY and DOWN** buttons until the LEDs give a fast blink.

Disable the Timer

Simultaneously press and hold for approximately 7 seconds the **UP, MY and DOWN** buttons until the LEDs give a fast blink.

Each time the **UP, MY and DOWN** buttons are held for 7 seconds will toggle the Timer on or off.

One blink = 3 hour Timer Enabled

Two blinks = 3 hour Timer Disabled

BUTTON PRESS	FUNCTION
Short press on UP	LEDs ON 100%
Short press on DOWN	LEDs OFF
Hold the UP	Dim LEDs UP
Hold the DOWN	Dim LEDs DOWN
Hold the MY	Set the favorite light level
Short press on MY	Go to the set favorite level