

Wireless Handheld Configuration Tool

SKU: AA-RC-100



Description

The RC-100 Wireless IR configuration tool is a handheld tool for remote configuration of IR-enabled fixture integrated sensors. The tool enables device modifications via pushbutton, without ladders or tools, and stores up to three sensor parameter profiles to speed configuration of multiple sensors.

Features

Installers and end users can use the RC-100 for initial setup and subsequent sensor adjustment to ensure conformity with design intent. It simplifies changes to sensor settings by making the adjustment process ladder-free. It is compatible with IR-enabled SHARKWARD sensors. These products are ideal for use in parking facilities, gas station, pedestrian pathways and warehouse.

The RC-100 uses bidirectional IR communication to send and receive sensor settings at mounting heights up to 40 feet. The device can display previously established sensor parameters, copy parameters and send new parameters or stored parameter profiles. For projects where identical settings may be desired across a large number of areas or spaces, this capability provides a streamlined method of configuration. Settings can be copied throughout a site, or in different sites.

Specifications

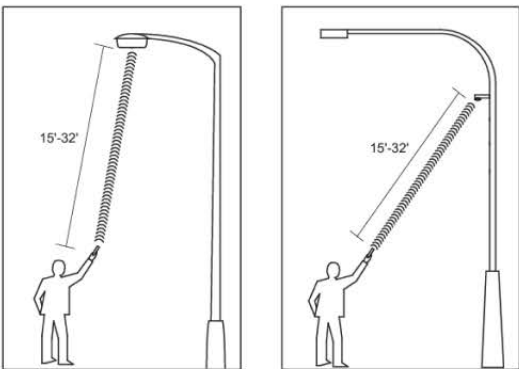
- Two AAA 1.5 volt batteries (included)
- Infrared (IR) transceiver (36kHz frequency)
- IR range: up to 32' (10m)
- Includes carrying case with belt clip
- Operating temperature: 0-104°F (0-40°C)
- FCC part 15 compliant
- TUV EMC compliant
- Five year warranty

Ordering Information





SKU	Description	Battery
RC-100	Wireless Handheld Configuration Tool	AAA x 2



Dimensions & IR Distance









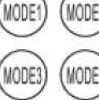




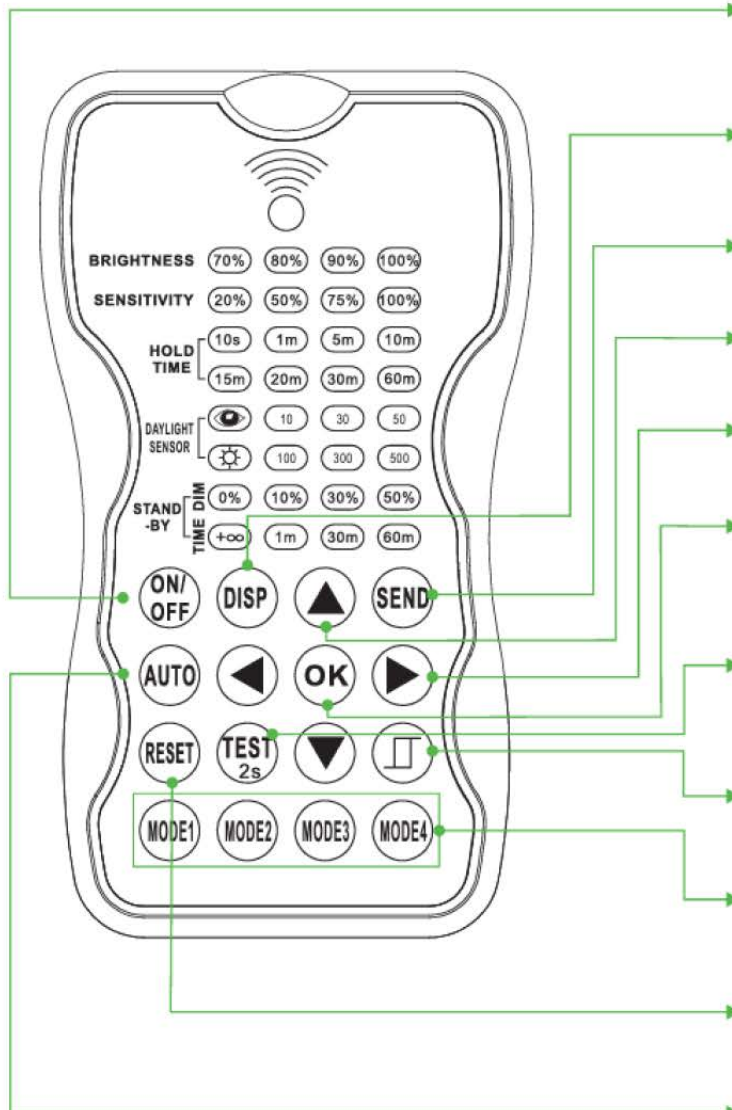
*Distance may vary depending on the lighting environment

Remote Functions

LED	DESCRIPTION
	To select the current surrounding lux value as the daylight threshold. This feature enables the fixture to function well in any real application circumstances.
	The built-in daylight sensor stops working, and all motion detected could turn on the lighting fixture, no matter how bright the natural light is.

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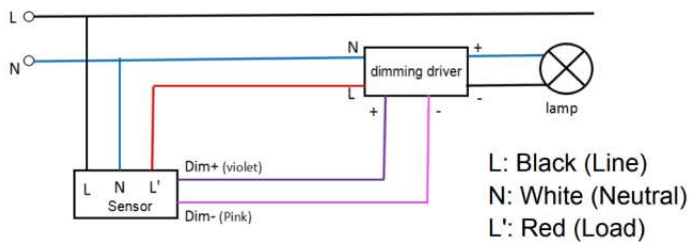
BUTTON	DESCRIPTION
	Press the "ON/OFF" button, the light goes to permanent on or permanent off mode, and the sensor is disabled.(MUST press "Auto"button to quit this mode for Setting.
	Display the current/lastest setting parameters in LED indicators(the LED indicators will on for showing the setting parameters).
	Upload the selected parameters to sensors.
	Enter in the setting condition, and Navigate to UP and Down for choose selected parameters in LED indicators.
	Navigate to LEFT and RIGHT for choose selected parameters in LED indicators.
	Keep records of selected parameters in remote control or in Mode 1 or mode 2 mode 3,mode 4.
	The button" TEST" is for testing purpose sensitivity only. after you choose sensitivity thresholds, then you press"TEST" button, The sensor goes to test mode(hold time is only 2s) automatically ,meanwhile the stand-by period and daylight sensor are disabled. Press "AUTO" button to quit from this mode.
	Open/close anther daylight sensor when outdoor using.
	4 Scenes with preset parameters which are available to be changed and saved in modes.
	Press "RESET" button, all settings go back to settings of dip Switch in sensor.
	Press "Auto" button, the sensor starts to function and all settings remain the same as the latest status before the light is switched on/off.



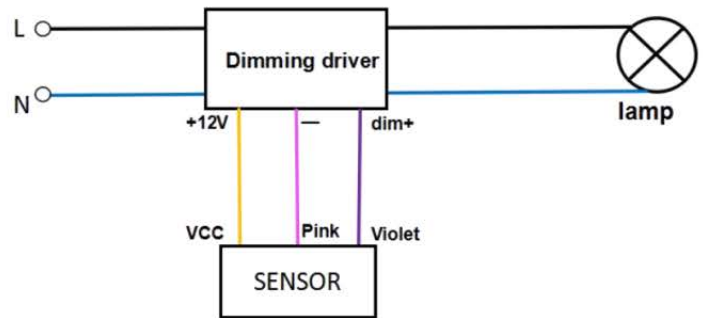
Quick Testing

Step 1: Connect the sensor to the driver

A: 120-277V sensor



B: Low voltage sensor



Step 2 Turn on the AC power

PIR Sensor (warming up time 40seconds)

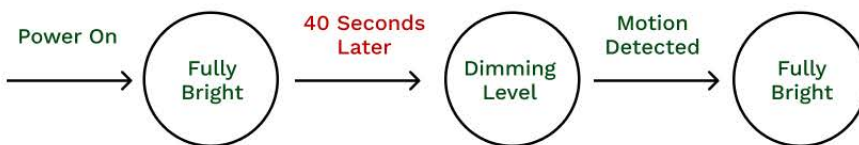
If it's the PIR sensor, power on, LED light will turn on (fully bright), after waiting for around 40 seconds, the LED light will turn to dimming, it means the sensor start to work, once signal is detected, the light returns to fully bright.

Microwave Sensor (warming up time 15 seconds)

If it's the Microwave sensor, power on, LED light will turn on (fully bright), after waiting for around 15 seconds, the LED light will turn to dimming, it means the sensor start to work, once motion is detected, the light returns to fully bright.

This is the fastest way to determine whether a sensor is good or bad:

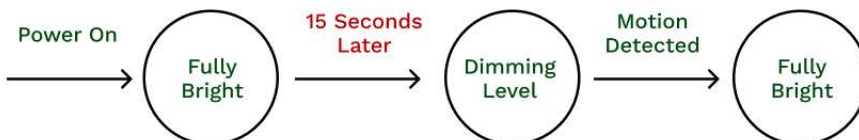
PIR Sensor



Scan to watch the
PIR Sensor video



Microwave Sensor



Scan to watch the
Microwave Sensor video



Quick Testing

Save the parameters on RC100

Solution: The main reason is that the sensitivity of the sensor is too high and the sensitivity needs to be adjusted. Please choose 75% or 50%. Please note must keep no motion on site.

1. Choose the parameters as following:

- Brightness: 100 %
- Sensitivity : 75% or 50%
- Hold time: 10seconds
- Daylight Sensor: Disabled
- Stand-by Dim: 30%
- Stand-by Time: 1 minute

2. Press "RESET" Button

- After warming up time, Press the RESET button, the LED fixture will be on/off once. It means you've reset the sensor successfully

3. Press "SEND" Button

- Press the SEND button, the LED fixture will be on/off once. It means you've set the sensor successfully according to parameters you saved

Scan to watch the video



When detect motion, the light will be 100% on, in 10 seconds without motion, the light will be dimmed to 30%, 1minute later, without motion, the light will be off. It means the sensor is good.