LITETRONICS®

Remote Control for PIR & Microwave Sensors

Ordering Code: SCR053

Compatible with sensors:
SC005 & SC006

DESCRIPTION

The SCR053 is a wireless, hand-held configuration tool, compatible with Litetronics LED High Bays (HBC and LHB series). The tool enables device modifications to be made remotely, without the use of ladders or lifts and can communicate with fixtures mounted at heights of up to 50 feet. The remote can display previously established sensor settings, send new settings, or store up to four settings profiles.

CAPABILITIES

- Set max output (brightness)
- Set sensor range (sensitivity)
- Set hold time and stand-by output
- Set daylight harvesting threshold
- Program up to four sets of settings modes

SPECIFICATIONS

Power supply: 2 AAA 1.5V batteries. Alkaline.

Communication: 940 nm Infrared Tx and Rx

Upload range: Up to 50 feet

Operating temperature: 32°F to 122°F

Dimensions: 4.84" x 2.76" x .8"

IN THE BOX

Inside the box, you should find the following:

- Remote Control (SCR053)
- Carrying case
- Operating instructions

WARNING

Remove the batteries from the remote if it will not be used for a period of more than 30 days.
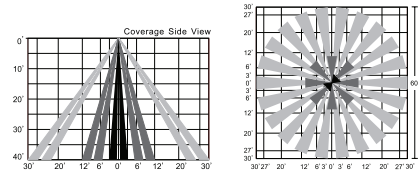
SCR053 BUTTON GUIDE

BRIGHTNESS
Set the output level (in %) of fixture during normal operation.

SENSITIVITY
Set the sensitivity (in %) of the occupancy sensor.
- 100%: 30' radius | 90%: 27' | 80%: 24' | 70%: 21'

HOLD TIME
Set the time that the fixture will hold at normal output after the space is vacant. Once time has elapsed, the fixture will dim to the selected Stand-by Time or shut off if Stand-by Time is 0%.

DAYLIGHT SENSOR
Set the threshold of natural light for the sensor. If natural light is above the selected threshold, the fixture will shut off.

STAND-BY
Dim: Set the output level (in %) of the fixture during vacancy. This will only take place after Hold Time has elapsed.

Time: Set the time that the sensor will remain in Stand-by mode before completely powering down.

ON/OFF
Use this to manually power a fixture on or off. When manually powered off, the sensor will be disabled and not react to occupancy.

DISPLAY
Press to display current setting parameters for each function. LED Indicators will highlight current settings.

DIRECTIONAL ARROWS
Use these arrows to navigate the setting options by pressing up/down or left/right.

OK
Once setting parameters are selected, press OK to save the settings on the remote. The remote will hold these settings until new parameters are saved.

SEND
Press Send to upload displayed settings to an individual sensor/fixture. The fixture will blink on and off to confirm new settings.
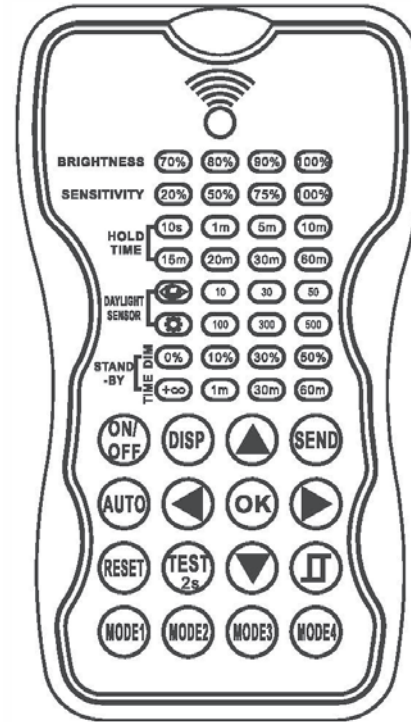
AUTO
Press Auto button to engage/unlock a sensor. Press Auto, then press Display to show the sensors current setting parameters.

RESET
Press Reset to change all parameters back to their default settings.

TEST (SENSITIVITY)
This feature is used to test the sensitivity of occupancy sensing. Press the Test button; the fixture will then enter Test Mode, where Hold Time is only 2 seconds. Press the Auto button to exit Test Mode. While Test Mode is active, Stand-by and Daylight sensing will be disabled.

WORKING WITH THE SCR053

Once your fixtures are installed and powered on, you're ready to start programming the sensor to operate on your own preferences.

DEFAULT SETTINGS
- Brightness: 100%
- Sensitivity: 100%
- Hold time: 5 minutes
- Daylight sensor: OFF
- Stand-by dimming level: 30%
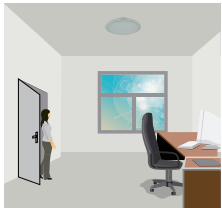- Standy-by time: 60 minutes

CHANGING CURRENT SETTINGS
- Aim the remote control at a specific fixture
- Press AUTO to engage/unlock the sensor
- Press DISP to display current settings
- Use the directional ARROWS to select your new setting parameters
- Press OK to save/hold these on the remote
- Press SEND to upload displayed settings to the individual sensor/fixture
- The fixture will blink on and off to confirm
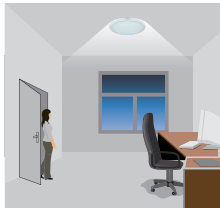
DAYLIGHT HARVESTING

PROGRAMMING THE DAYLIGHT SENSOR
- To utilize daylight harvesting (which is OFF by default), first press AUTO to engage/unlock the sensor
- Press DISP to display current settings
- Use the directional ARROWS to navigate to the DAYLIGHT SENSOR ⬤ settings and choose your threshold (measured in lux)
- Press OK to save/hold these on the remote
- Press SEND to upload displayed settings to the individual sensor/fixture
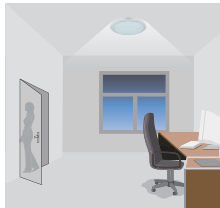- The fixture will blink on and off to confirm

DAYLIGHT HARVESTING AND MOTION SENSING IN USE

With sufficient natural light, the fixture will not switch on when presence is detected.

With insufficient natural light, the sensor switches on the fixture automatically when presence is detected.

When the space is vacant and the hold time has elapsed, the sensor dims to stand-by level if the natural light is below the daylight threshold.

The sensor switches the fixture off after the stand-by period has elapsed.

PROGRAMMING MODES

This remote comes with 4 programmable modes, which can each store unique parameters for easy access.

SCENE MODE EXAMPLES (1, 2, 3, 4)

MODE	BRIGHTNESS	SENSITIVITY	HOLD TIME	DAYLIGHT SENSOR	STAND-BY DIM	STAND-BY TIME
MODE1	100%	100%	5m	☼	30%	+ ∞
MODE 2	70%	20%	10s	☼	0%	+ ∞
MODE 3	70%	20%	10s	☼	0%	+ ∞
MODE 4	70%	20%	10s	☼	0%	+ ∞

SAVING MODES

1. Start by pressing the Mode # that you want to program. The LED indicators will display the current parameters for that Mode.
2. Use the directional arrows to select your new parameters.
3. Press OK to confirm and save the new parameters to that Mode #.