

# LightSync Ceiling Sensor Local Configuration Technical Bulletin

### Testing for Current Type and Entering Test Mode

1. Tap the black program button on the device one time, the LED's will flash to indicate current device type.
  - Red LED = Dule tech motion (PIR + Acoustic).
  - Blue LED = Photocell active.
  - Red & Blue = Both DT & PC active.
2. 2-seconds after tapping the button the LSCS will enter a 2-minute sensitivity test mode, the attached panels relays will not change state only the Red/Blue LED's will flash when movement or sound is detected, after the test cycle completes the device will automatically return to normal operation.
  - Red LED flashes = PIR sensor detection of movement.
  - Blue LED flashes = Acoustic sensor detects sound.

### Setting the Device Type for DT, PC or DT+PC Mode

1. Hold the button for 4 Seconds to change the device type selection – continue to hold the button until the desired type is flashing, then release the button to select the setting and restart the device.
  - a. Red LED flashes for dual tech operation (PIR + Acoustic).
  - b. Blue LED flashes for Photocell.
  - c. Both LEDs flash to indicate DT detection + Photocell.
  - d. Release the button during the desired flashing sequence to change the detection type.

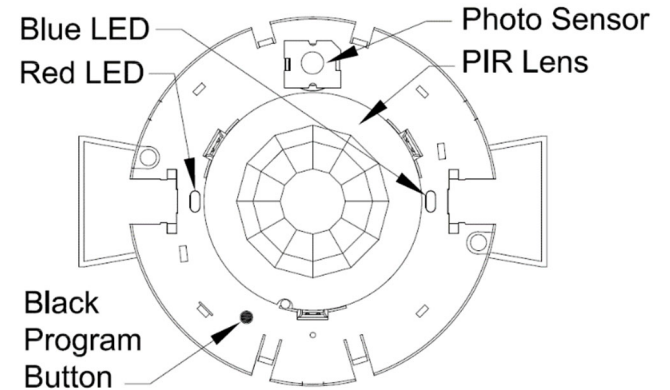
### Setting the LSCS Configuration Parameter's and Values

1. Hold the Button for 9 seconds to enter the parameter configuration process, this allows an installer to change the ILC software settings (OTW - default) to a local configuration, then the installer can change the PIR or acoustic sensitivity, time delay, or LED status indicators can be enabled or disabled LED status indicators.
  - a. Hold Button for 9 seconds until the Red/Blue LEDs alternate.
  - b. Then the Red LED will flash the current parameter number every 3 seconds.
  - c. Tap the button to move from one parameter to the next, 1-6 red flashes.
  - d. Hold the button to select the parameter to be changed, then the blue LED will flash the current value.
2. Blue LED will flash parameter current value every 3 seconds.
  - a. Tap the button to move from one value to the next, see the cart for number of blue flashes to count for the value selection.
  - b. Hold the button to select the new value to be used, then the red LED will flash the parameter number.

### Saving the Settings

1. After changing parameters and values, you must select parameter 6 and then value 2 to save the changes.
  - a. Tap button until the Red LED flashes 6 times.
  - b. Hold the button to select and blue LED flashes.
  - c. The Blue LED will flash the current value of 1, Tap the button to change for 2 flashes.
  - d. Hold the button to Save, both Red and Blue LED will stay on for a few seconds, then the LSCS will restart.

**If there is no activity for 20 seconds, the device will discard any changes made and revert to previous setting.**



Parameter's (Red LED)		Value (Blue LED)
Setting	1	1 = OTW *
		2 = Local
PIR Sensitivity	2	1 = Low
		2 = Mid *
		3 = High
Acoustic Sensitivity	3	1 = Low
		2 = Mid *
		3 = High
Timed Off	4	1 = 5 Min
		2 = 10 Min
		3 = 15 Min
		4 = 20 Min *
		5 = 30 Min
		6 = 60 Min
		7 = 120 Min
LED Status	5	1 = Disabled
		2 = Enabled *
Save/Exit	6	1 = Discard changes
		2 = Save changes

\* Indicates factory default setting