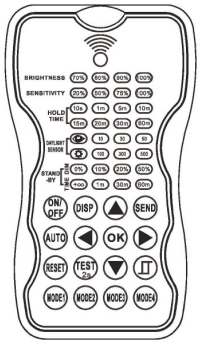

LUMEX LL2LHBR4R Sensor Remote Programmer Instruction Manual

Contents

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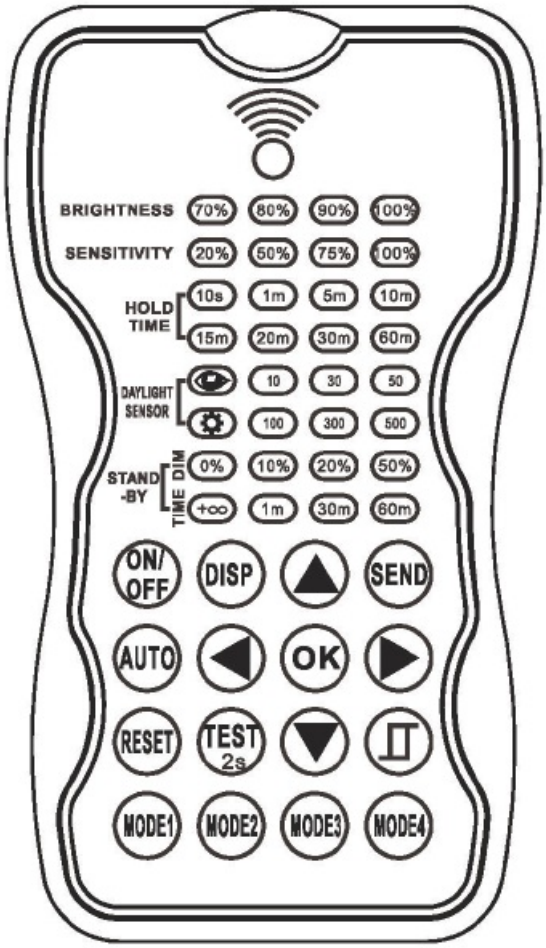


SPECIFICATIONS

Power supply	2 x AAA 1. 5V battery, Alkaline preferred
Carrying case	RC-100 in carrying case
Upload range	Up to 15 m (50 ft.)
Op. temperature	0°C～50°C (32°F～122°F)
Dimensions	123 x 70 x 20.3 mm (4. 84″ x 2.76″ x 0. 8″)

WARNING
Remove the batteries from compartment if the remote will not be used in 30 days.

OVERVIEW

The remote control Wireless IR Configuration Tool is a handheld tool for remote configuration of IA-enabled fixture integrated sensors. The tool enables devices to modify via pushbutton without ladders or tools, and stores up to four sensor parameter modes to speed the configuration of multiple sensors. The remote control uses bidirectional IR communication to send and receive sensor settings at mounting heights up to 50 feet. The device can display previously established sensor parameters, copy parameters and send new parameters or store 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.

LED INDICATORS

LED	DESCRIPTION	LED	DESCRIPTION
BRIGHTNESS	High end trim turning function(To Set the output level of connected lighting during occupancy),task light level		To select the current surrounding lux value as the daylight threshold. This feature enables the fixture to function well in any real application circumstances.
SENSITIVITY	To set the occupancy sensing sensitivity of the Sensor		The daylight sensor stops working, and all motion detected could turn on the lighting fixture, no matter how bright the natural light is
HOLD TIME	The time that the Sensor will turn off(if you choose stand-by level is 0) or dim the light to a low level after the area is vacated	STAND-BY DIM	To set the output level of connected lighting during vacancy. The sensor will regulate the lighting output at the set level. Setting the STAND-BY DIM level at 0 means light full off duringvacancy.
DAYLIGHT SENSOR	To represents various thresholds of natural light level for the Sensor .	STAND-BY TIME	To represents the time that the Sensor will keep the light at low dim level after the HOLD TIME elapsed.

BUTTON OPERATION

BUTTON	DESCRIPTION	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.		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.
	Display the current/lastest setting parameters in LED indicators(the LED indicators will on for showing the setting parameters).		The button TEST 2s is for testing purpose sensitivity only. after you choose sensitivity thresholds, then you press TEST 2s button, The sensor goes to test mode(hold ti meis only 2s) automatically ,me anwhile the stand-by period and daylight sensor are disabled. Press AUTO button to quit from this mode.
	Press RESET button, all settings go back to settings of dip Switch in sensor.		
	Enter in the setting condition, the parameter leds of remote control will flash to be selected. 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.
 	Confirm the selected parameters selected parameters in remote control Press SEND button, upload the current parameters to sensor(s), the led light which the sensor connects will on/off as confirm.		Open and close daylight Control function. Press ▲ or ▼ Enter in the setting condition, the parameter leds of remote control will flash to be selected, Press for open or close smart daylight Sensor.
	4 Scene modes with preset parameters which are available to be changed and saved in modes.		

SETTING

The SETTING Content contains all available settings and parameters for remote sensors. It allows you to change the available control, parameters, and operation of the sensor from factory default or current parameters.

Change multiple settings of the sensor(s)

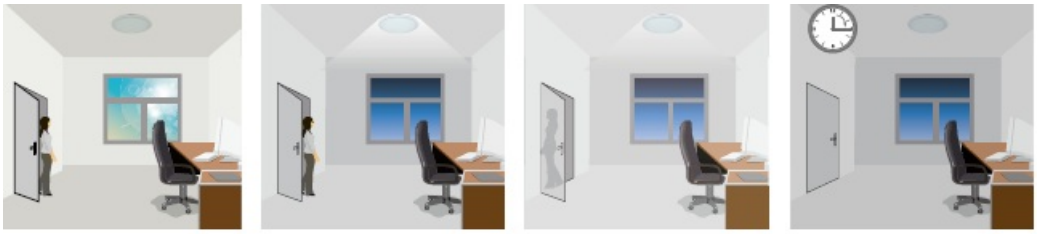
1. Press the button, and the remote control LEDs will show the latest parameters you set.
   NOTE: if you push the button before, you must push the button to unlock the sensor. Press enter in the setting condition, and the parameter LEDs of the remote control will flash to be Press selected, ok to navigate confirm to all the settings desired and setting saving. by pressing to select the new parameters.
2. Aim at the target sensor and press to upload the new parameter, the led light to which the sensor connects will on/off as confirmed.
   NOTE: the setting works key step is by Push @ or ®, enter in the set condition.
   NOTE: the led light that the sensor connects will be on/off after getting the new parameter as confirmed. NOTE: If you press a button, the remote led indicators will show the latest parameters which

Change multiple sets of sensors with daylight control function

1. Press the remote-led indicators will show the latest parameters.
2. Press or ® enter in the setting condition, the parameter Led indicators of the remote control will
3. Press 2 led indicators will flash in daylight sensor settings, select daylight 0 0 0 as setpoint to light on Automatically, and select daylight 0 @ @ as setpoint to light off Automatically.
4. Press to confirm all settings and savings.
5. Aim at the target sensor and press 9 to upload the new parameter. The led light which the sensor
    1. Open the daylight Control function by push@ when the remote control is in setting condition.
    2. when the daylight control function sensors open, 2 Led indicators flash in the daylight sensor setting. select daylight 0 as a setpoint to light on Automatically, and select daylight as a setpoint to light off automatically. When the daylight control function close, 1 Led indicator is flashed in the daylight sensor setting to choose the daylight sensor threshold.
    3. when the daylight control function sensors open, the standby time is only 8
    4. the daylight control function sensors take place of normal photocell sensors and work independently.
    5. see Bi-level with daylight control function as follows

Bi-level Control function

This function is inside the motion sensor to achieve bi-level control. for some areas which require a light change notice before switch-off. The sensor offers 3 levels of light: 100%–>dimmed light (natural light is insufficient) –>off; and 2 periods of selectable wailing time: motion hold-lime and stand-by period; Selectable daylight threshold and freedom of detection area.



Settings on this demonstration:

- Hold-time: 1 minute
- setpoint to light on:50lux
- setpoint to light off:300lux
- Stand-by Dim: 20%

- Stand-by period: (when Open daylight control functions, the gland-by time is only

The light turn on at task light level when occupancy.

The light dims to stand-by level after the hold-time.

The light remains in dimming level at night.

Bi-level Control function VS Bi-level with daylight Control function .

1. Bi-level Control function, turning on the light depends on an ambient light level lower daylight sensor threshold, and Occupancy. Bi-level with daylight Control function, turn on the light by natural light level lower daylight sensor setpoint to light on even if vacancy.
2. Bi-level Control function, turn off light by stand-by time finish if vacancy. Bi-level with daylight Control function. turn off the light by natural light level higher than daylight sensor setpoint to light off even if occupancy.
3. Bi-level with daylight Control function, a natural light level higher/lower than daylight sensor setpoint to light off/on MUST keep at least 1 minute, that will turn off/on the light automatically.

About RESET and MODE(1,2,3,4)
The remote control comes with 4 Scene MODES which do not default. You may make desired parameters and save as the new MODE(1,2,3,4) to configure the installed sensors.
RESET: all settings go back to the settings of the DIP Switch in the sensor.

SCENE MODES(1 2 3 4)

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

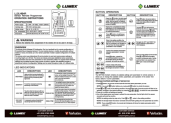
UPLOAD

The upload function allows you to configure the sensor with all parameters in one operation. You may select CURRENT SETTING parameters or the MODE for uploading. Current setting parameters or the MODE are displayed in Remote control. Upload the current parameters to sensor(s), and duplicate the sensor parameters form one to anther

1. Press the button or press 91919, all parameters are displayed on the Remote control. Note: check if all parameters are correct, if not, change them.
2. Aim at the sensor and press the button, the light that the sensor connects to will be on/off as confirmed.

Note: if other sensors need the same parameters, just aim at the sensor and press the button.

Documents / Resources

	**LUMEX LL2LHBR4R Sensor Remote Programmer** [pdf] Instruction Manual LL2LHBR4R Sensor Remote Programmer, LL2LHBR4R, Sensor Remote Programmer, Remote Programmer, Programmer