

A-LEVEL PROGRAMMING INSTRUCTIONS

PLEASE READ ALL 7 STEPS BEFORE PROGRAMMING

1. Enter programming mode by pressing & holding top button until LED flashes rapidly. Release button.
2. Enter a specific programming function by pressing button the number of times as the desired function number from the A-Level function table below (e.g., press twice for function 2, *Occupancy Time Delay*).
3. The selected function's current setting will then be read out in a sequence of LED flashes (e.g., 5 flashes for 10 minute time delay). To change setting, proceed to step 4 before sequence repeats 10 times.
4. While the sensor is flashing back current setting, interrupt it by pressing button the number of times for the new desired setting as indicated in the particular function's detailed table (e.g., press four times for 7.5 min time delay). Sensor will begin to flash new setting as confirmation.
5. Next, while the sensor is flashing back new setting, interrupt it by pressing and holding button until LED flashes rapidly. Release button.
6. As final confirmation and activation of the new setting, re-enter the programming function number that was changed (e.g., press twice for function 2, *Occupancy Time Delay*).
7. LED will flash twice indicating acceptance of new setting. If two flashes are not seen, repeat 7 step process.

Note: To exit A-Level programming mode without saving or to change to a different function, wait for blink back sequence to repeat 10 times then return to step 1.

A-LEVEL DETAILED FUNCTION TABLES

2 = Occupancy Time Delay

1	30 sec	4	7.5 min	7	15.0 min
2	2.5 min	5	10.0 min*	8	17.5 min
3	5.0 min	6	12.5 min	9	20.0 min

* Indicates Factory Default

A-LEVEL DETAILED FUNCTION TABLES (cont.)

4 = 100 Hour Burn-In / Auto Set-Point

1	Disabled*
2	Enabled
3	Enabled then run Auto-Set-point
4	Run Auto Set-Point
5	Blink back Set-Point ²

²The LED will blink back the ten's digit, then pause, then blink back the one's digit. For a "0" the LED will blink very rapidly. The sequence is repeated 3 times.

5 = Ten's Digit of Set-Point

1	10 fc	4	40 fc	7	200 fc
2	20 fc	5	50 fc	8	Disable*
3	30 fc	6	100 fc	10	0 fc

6 = One's Digit of Set-Point

1	1 fc	4	4 fc	7	7 fc	10	0 fc
2	2 fc	5	5 fc*	8	8 fc		
3	3 fc	6	6 fc	9	9 fc		

7 = Sunlight Discount Factor

1	x/1	4	x/4*	7	x/7	10	x/10
2	x/2	5	x/5	8	x/8		
3	x/3	6	x/6	9	x/9		

8 = Incremental Set-Point Adjustment

1	Decrease 1 fc	2	Increase 1 fc
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9 = Restore Factory Defaults

1	Maintain Current*	2	Restore Defaults
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12 = Dual Technology (Microphonics™)¹

1	On*	2	Off
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Note 1: Not available on PIR only models.

20 = LED Operation

1	Normal*	2	Inhibited (Disabled)
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* Indicates Factory Default

B-LEVEL PROGRAMMING INSTRUCTIONS

PLEASE READ ALL 4 STEPS BEFORE PROGRAMMING

1. Enter B-Level programming mode by holding down uppermost button until LED flashes rapidly, release, then hold down until rapid flash again, release, then immediately enter programming function as described in step 2.
2. Enter a programming function by pressing button the number of times as the desired function number from the B-Level function table below (e.g., press ten times for function 10, *Switch Broadcast Channel*).
3. The selected function's current setting will then be read out in a sequence of LED flashes (e.g., one flash for Channel 1). To change setting, proceed to step 4 before sequence repeats 3 times.
4. While the sensor is flashing back current setting, interrupt it by pressing button the number of times for the new desired setting as indicated in the particular function's detailed table (e.g., press twice for Channel 2). Sensor will begin to flash new setting as confirmation.

Note: To exit B-Level programming mode or to change to a different function, wait for blink back sequence to repeat 3 times then return to step 1 to enter a new function if desired.

B-LEVEL DETAILED FUNCTION TABLES

1 = Name Unit w/ Number

1	1	3	3	5	5	7	7	9	9
2	2	4	4	6	6	8	8	10	Unassigned*

9 = Switch Broadcast

1	Disable	2	Enable*
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10 = Switch Broadcast Channel

1 - 16	(e.g. 1 = Channel 1*; 2 = Channel 2; etc.)
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* Indicates Factory Default

A-LEVEL PROGRAMMING FUNCTIONS _____

- 2 Occupancy Time Delay
- 4 100 Hour Burn-In / Auto Set-Point
- 5 Ten's Digit of Set-Point
- 6 One's Digit of Set-Point
- 7 Sunlight Discount Factor
- 8 Incremental Set-Point Adjustment
- 9 Restore Factory Defaults
- 12 Microphonics **Note: PDT SENSORS ONLY**
- 20 LED Operation

A-LEVEL FUNCTION DEFINITIONS _____

- 2 **TIME DELAY**
The length of time an occupancy sensor will keep the lights on for after it last detects occupancy
- 4 **100 HOUR BURN-IN / AUTO SET-POINT**
 - 100 HOUR BURN-IN**
Overrides relay on and/or dimming output to full bright (typically for lamp seasoning)
 - AUTO SET-POINT**
Photocell calibration procedure for detecting optimum lighting control level
- 5 **TEN'S DIGIT OF SET-POINT**
The ten's digit of the target light level that is to be maintained by the device (in foot-candles)
- 6 **ONE'S DIGIT OF SET-POINT**
The one's digit of the target light level that is to be maintained by the device (in foot-candles)
- 7 **SUNLIGHT DISCOUNT FACTOR**
Value used to improve the tracking accuracy of a photocell during periods of high daylight. Decreasing the value will lower the controlled level of the lights during periods of high daylight.
- 8 **INCREMENTAL SET-POINT ADJUSTMENT**
Alters the target light level that is to be maintained by the device (in foot-candles)
- 9 **RESTORE FACTORY DEFAULTS**
Returns all functions to original settings

A-LEVEL FUNCTION DEFINITIONS (cont)_____

- 12 **DUAL TECHNOLOGY (MICROPHONICS™)**
A second method of occupancy detection that allows the sensor to hear occupants
- 20 **LED OPERATION**
Indicates behavior of device's LED

B-LEVEL PROGRAMMING FUNCTIONS _____

- 1 Name Unit w/ Number
- 9 Switch Broadcast (Enable/Disable)
- 10 Switch Broadcast Channel

B-LEVEL FUNCTION DEFINITIONS _____

- 1 **NAME UNIT w/ NUMBER**
Applies a number to the default name visible in SensorView
- 9 **SWITCH BROADCAST (ENABLE/DISABLE)**
Indicates whether manual events (on/off/raise/lower) will be transmitted to the rest of the its zone
- 10 **SWITCH BROADCAST CHANNEL**
The channel on which manual events (on/off/raise/lower) are transmitted

NOTE:

All settings can also be configured via **SensorView** software.



nLIGHT™

WALL SWITCH SENSOR PROGRAMMING INSTRUCTIONS



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Technical Support: 1.800.727.7483