

CM(R) Master Function Descriptions

Programming Instructions

- 1 Press and hold the programming button until the LED flashes rapidly
- 2 Enter the Function by pressing the programming button the number of times shown next to the Function Number (FN#)
- 3 The LED will then blink back the current Setting Number (SN#)
- 4 To change the Setting, press the programming button the number of times relevant to the desired Setting Number (SN#)
- 5 Press and hold the programming button until the LED flashes rapidly
- 6 Save the changes by pressing the programming button the number of times entered in Step 2.

Example:

To change the time delay setting from 10 min to 5 min:

- Press and hold the programming button until the LED flashes rapidly
- Press the programming button 2 times for FN# 2 (Time Delay Setting)
- LED will flash 5 times (showing default 10 min time delay)
- Press the button 3 times (SN#3) to select 5 minute time delay
- LED will now flash 3 times (showing new 5min time delay)
- Press and hold the programming button until the LED flashes rapidly
- Press the programming button 2 times (FN#2) to memorize. (LED will flash twice to confirm)

Function Number
 Setting Number
FN# SN#

1*	Pole Selection	
	Pole 1 Switch	Pole 2 Switch
1	Pole 1 *	
2		Pole 2 *
3	Lock	Lock
4	Disable Switch Override	Disable Switch Override
5	Enable Switch Override	Enable Switch Override
Note: Lock always syncs pole 2 to pole 1 first. Then any change made to either pole will affect both poles.		
Note: Enable Switch Override makes the switch function like a toggle switch, On or Off.		

2	Time Delay Settings for Sensors without -ADC		Dim Timeout for Sensors with -ADC	
	Standard	Hotel		
1	30 Seconds	30 Seconds		
2	2.5 Minutes	15 Minutes		
3	5 Minutes	30 Minutes		
4	7.5 Minutes	45 Minutes		
5	10 Minutes **	60 Minutes		
6	12.5 Minutes	75 Minutes		
7	15 Minutes	90 Minutes		
8	17.5 Minutes	105 Minutes		
9	20 Minutes	120 Minutes		

3	Start to High / Off Time Out		
	For Occupancy Sensor without ADC	For Occupancy Sensors with -ADC	
	Start to High	Standard	Hotel
1	Disabled	30 Seconds **	30 Seconds
2	Enabled	2.5 Minutes	15 Minutes
3		5 Minutes	30 Minutes
4		7.5 Minutes	45 Minutes
5		10 Minutes	60 Minutes
6		12.5 Minutes	75 Minutes
7		15 Minutes	90 Minutes
8		17.5 Minutes	105 Minutes
9		20 Minutes	120 Minutes
10		Disable	Disable

4	100HR Burn-In/Auto Set-point [For all sensors]	
1	Disabled **	
2	Enabled	
3	Enabled then Auto Set-point	
4	Auto Set-point	
5	Blink Back Set-point 1 0 Sec	

Function Number
 Setting Number
FN# SN#

5	Photocell Set-point (Tens Digit) [For any -P(C) or -ADC Sensor]	
	For Photocells Through Lens	For Photocells Looking Looking out the back
1	10 fc	10
2	20 fc	20
3	30 fc	30
4	40 fc	40
5	50 fc	50
6	100 fc	60
7	200 fc	70
8	Disable	80
9	-	90
10	0 fc **	0
11		100
12		200
13		Disable

6	Photocell Set-point (Ones Digit) [For any -P(C) or -ADC Sensor]	
1	1 fc	
2	2 fc	
3	3 fc	
4	4 fc	
5	5 fc **	
6	6 fc	
7	7 fc	
8	8 fc	
9	9 fc	
10	0 fc	

7*	Sunlight Discount Factor [For any -P(C) or -ADC Sensor] *	
1	Sunlight / 1 **	Default for Photocells Looking out the back
2	Sunlight / 2	
3	Sunlight / 3	
4	Sunlight / 4 **	Default for Photocells Looking through the Lens
5	Sunlight / 5	
6	Sunlight / 6	
7	Sunlight / 7	
8	Sunlight / 8	
9	Sunlight / 9	
10	Sunlight / 10	

8	Photocell Incremental Set-point [For any -P(C) or -ADC Sensor]	
	For -ADC Products	For non-ADC Photocell
1	Decrease Lights	Subtract 1 FC
2	Increase Lights	Add 1 FC

9*	Restore Factory Defaults [All Sensors]	
1	Don't Restore **	
2	Restore Defaults	
3	Restore Manuf. Defaults	

** Factory Default Setting



Function Setting
 Number Number
FN# SN#

10* Time Delay Scheme [For any Occ. Sensor]			
For Occupancy Sensors without -ADC		For Occupancy Sensor with -ADC	
1	Standard **	Dim Time Out Standard **	Off Time Out Standard **
2	Hotel	Standard	Hotel
3		Hotel	Standard
4		Hotel	Hotel

11* Photocell Mode (Never on a -ADC model)			
For -P with Occ.Sensor		For -2P Occ.Sensor	For -PC-DZ
1	Normal **	Normal **	Duo **
2	Inhibit	Alternating Mode	Duo - Never off
3			Offset Mode
4			Fan Mode
5		For the -DZ without -PC ==> Inhibit	

12* Microphone [For any -PDT Occ. Sensor]	
1	Enabled **
2	Disabled
3	Enabled @ 50% Sensitivity

13* Mic Grace Period Timer [For any -PDT Occ. Sensor]	
1	0 Sec
2	10 Sec **
3	20 Sec
4	30 Sec
5	40 Sec
6	50 Sec
7	60 Sec

14* N/A	
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15 Bright Limit [For any -ADC Product]	
1	Off
2	1 Volt
3	2 Volts
4	3 Volts
5	4 Volts
6	5 Volts
7	6 Volts
8	7 Volts
9	8 Volts
10	9 Volts
11	10 Volts **

16 Dim Limit [For any -ADC Product]		
1	Off **	default for -P(C)-ADC Sensors
2	1 Volt **	default for -ADC Sensors
3	2 Volts	
4	3 Volts	
5	4 Volts	
6	5 Volts	
7	6 Volts	
8	7 Volts	
9	8 Volts	
10	9 Volts	
11	10 Volts	

Function Setting
 Number Number
FN# SN#

17 Second Zone Offset Voltage [For all -ADC-DZ Sensors]	
1	0.5 Volts
2	1 Volts
3	1.5 Volts
4	2 Volts **
5	2.5 Volts
6	3 Volts
7	3.5 Volts
8	4 Volts
9	4.5 Volts
10	5 Volts
11	5.5 Volts
12	6 Volts
13	6.5 Volts
14	7 Volts
15	7.5 Volts
16	8 Volts
17	8.5 Volts
18	9 Volts
19	9.5 Volts
20	10 Volts

18 Second Zone Offpoint [For all -PC (-ADC) -DZ]	
1	110%
2	120%
3	130%
4	140%
5	150% **
6	160%
7	170%
8	180%
9	190%
10	200%

19* Dimming Rate [For all -ADC Sensors]	
Time to Dim 10V to 1V	
1	700 Seconds
2	350 Seconds
3	70 Seconds **
4	35 Seconds
5	7 Seconds

20* LED Disable [For all sensors]	
1	LED Enabled **
2	LED Disabled

21* Cloud Delay Off (For P(C)-ADC)	
1	45 Sec
2	2 Min
3	5 Min
4	10 Min
5	15 Min
6	20 Min **
7	25 Min

22* Cloud Delay On (For P(C)-ADC)	
1	45 Sec **
2	2 Min
3	5 Min
4	10 Min
5	15 Min
6	20 Min
7	25 Min

** Factory Default Setting

