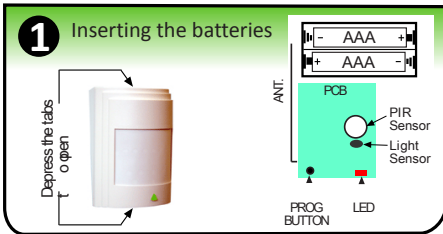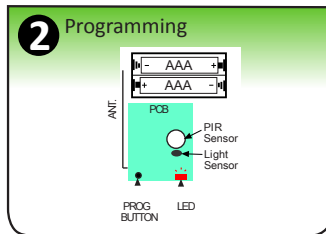# ecowatt

The Eco-Watt PIR is a wireless Occupancy Detector that automatically switches lights ON when a room is occupied, and the light level is low enough to require it, and OFF again when the room is empty.

NOTE: Please read the complete instruction manual before commencing programming and installation.

PROGRAMMING

1 Inserting the batteries

1) Remove the PIR cover
2) Insert the 2 x AAA batteries in the holder, ensuring that they are correctly orientated.
3) The LED will flash three times to signify power-up.

2 Programming

NOTE: "0" = no presses, "5" = 5 presses.
1) Hold the Programming button in until the LED stays on, then release.
2) Wait for the LED to flash once. (Start of Time Delay programming, see Table 1)
3) Within 5s, press the PROG button the required times to select the Time Delay.
4) Wait for the LED to flash once. (Start of Light Level programming, see Table 2)
5) Within 5s, Press the PROG button the required times to select the Light Level
6) Repeat steps 1 to 5 for any changes to Time Delay or Light Level settings.

Table 1: TIME DELAY SETTING

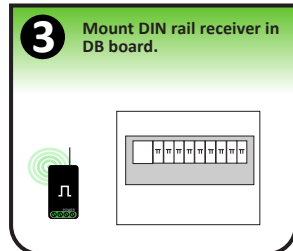| PRESSES		DELAY
0	3	0 SECONDS
1	1	MINUTE
2	5	MINUTES
3	1	0 MINUTES
4	2	0 MINUTES
5	3	0 MINUTES

NOTE: Time should never be set to less 20 minutes for fluorescent lights.
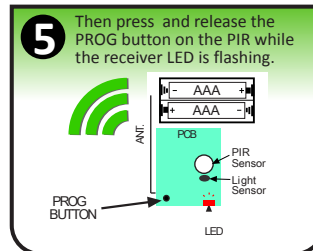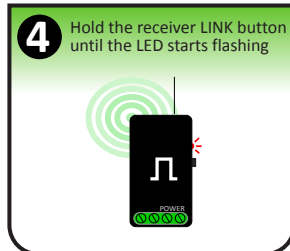
Table 2: LIGHT LEVEL SETTING

PRESSES	ACTIVE LEVEL
0	PIR ALWAYS ON
1	VERY DARK
2	DARK
3	LOW LIGHT
4	MEDIUM LIGHT
	FULL LIGHT

NOTE: Setting the light level to the "0" setting enables the PIR during all light conditions.

LINKING PIR TO RECEIVER

3 Mount DIN rail receiver in DB board.

4 Hold the receiver LINK button until the LED starts flashing

5 Then press and release the PROG button on the PIR while the receiver LED is flashing.

6 Attach the PIR to the wall

Horizontal beam spread 110°
Vertical beam spread
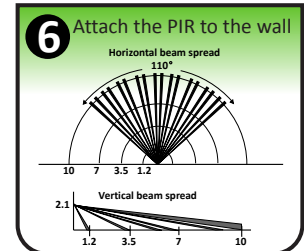
1) To unlink a Transmitter button: Repeat steps 4&5.
2) To clear all links in a Receiver: Hold the Link Button on the receiver until the LED is ON solid (10 sec) then release.
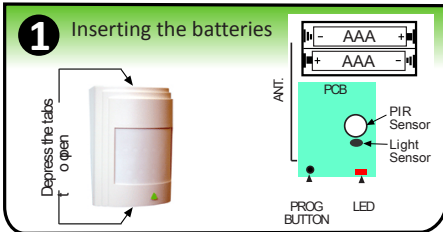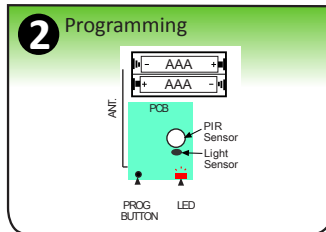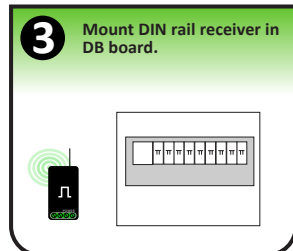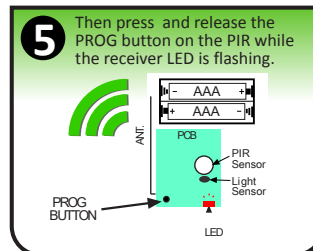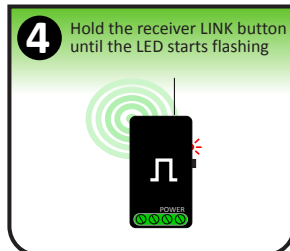3) A Receiver can link up to 30 different Transmitter buttons.

4) Mount the PIR with double-sided tape or clip off the front panel to expose the moulded mountings.
5) The PIR will not monitor a light level change until its timer has expired.
6) The Timer value will be re-loaded for each activation of the PIR.
7) For best results mount the PIR 2.1m above the floor surface.

www.ecowatt.co.za