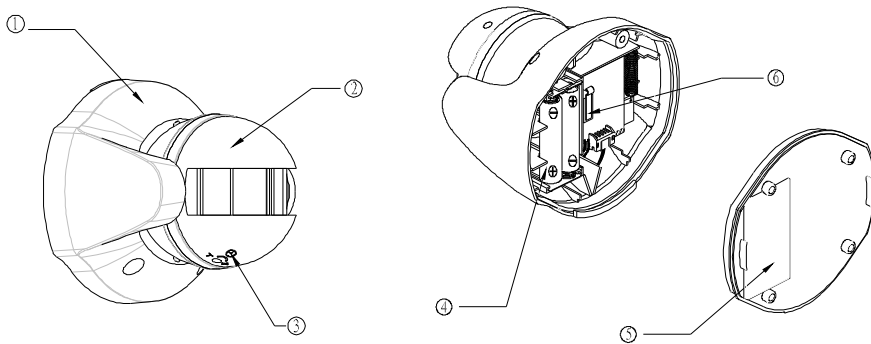


TITAN WIRELESS PIR DETECTOR



① Front Cover	④ Battery
② PIR Motion Sensor	⑤ Rear Cover
③ Time-off Knob	⑥ Tamper Switch

The PIR Detector is designed to detect movement in a protected area by detecting moving heat sources, for example, when a person moves within or across the device's field of vision. When movement is detected a radio signal will be emitted to the Receiver(s).

The recommended position for mounting the PIR Detector is approximately 1.8 to 2m from the floor. At this height, the detector will detect movement up to 8-12m depending on adjustment. (FIGURE 1a). Before selecting a position for a PIR Detector the following points should be noted:

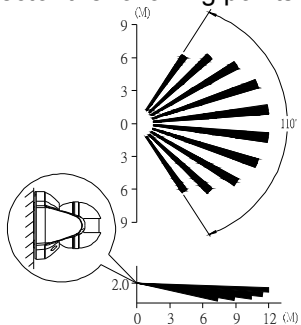


FIGURE 1a

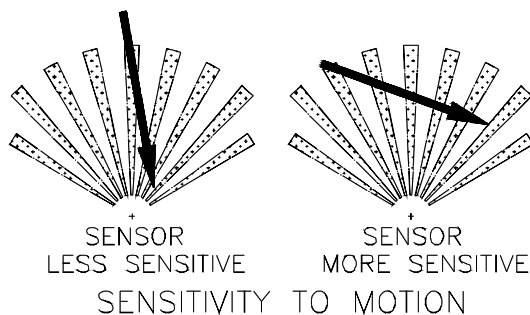


FIGURE 1b

1. Do not position the detector facing direct sunlight.
2. Do not position the detector directly above or facing any source of heat, eg: fires, radiators, boiler etc.
3. Where possible, mount the detector so that the logical path of an intruder would cut across the fan pattern rather than directly towards the detector.(FIGURE 1b)
4. The PIR Detector can be used with all TRS receivers providing they are all coded with the same code.

LOADING THE BATTERY

1. Using a Phillips screwdriver to detach the rear cover. (FIGURE 2a)
2. Insert 2 AAA-size 1.5V batteries to the battery compartment, ensuring correct polarity. (FIGURE 2b)
3. Refit the rear cover. (FIGURE 2c) when any settings are completed and the unit has been fixed in place.

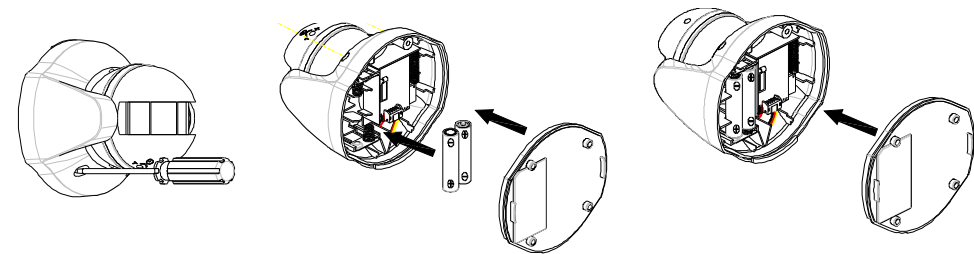


FIGURE 2a

FIGURE 2b

FIGURE 2c

SETTING

1. The units ID code is fixed ex-factory and cannot be adjusted.
2. Emitting the ID code
 - Step 1: After inserting the batteries to the PIR Detector, it will have a 60-second warm up period before emitting the ID code.
 - Step 2: Set the Receiver to code learning mode. (refer to Receiver's instruction manual).
 - Step 3: Pressing the tamper switch for more than 3 seconds will emit the ID code to the Receiver.
 - Step 4: If the Receiver responds with a long bleep, the code learning is successful. If not, please repeat Step 2.
 - Step 5: If consecutive short bleeps have been heard from the Receiver, the code learning has failed.
 - Step 6: Start again from Step 1 to re-try.

**OPERATION
TAMPER**

1. When removing the rear cover, the tamper switch will be triggered. The trigger command signal will be sent to the Receiver immediately.
2. If coded TITAN Chime / Alarm Receivers will sound in alarm mode for approximately 30 seconds be silent for approximately 10 seconds, then sound again for approximately 30 seconds. This will repeat until cancelled on the receiver or for 10 cycles of 30 seconds.

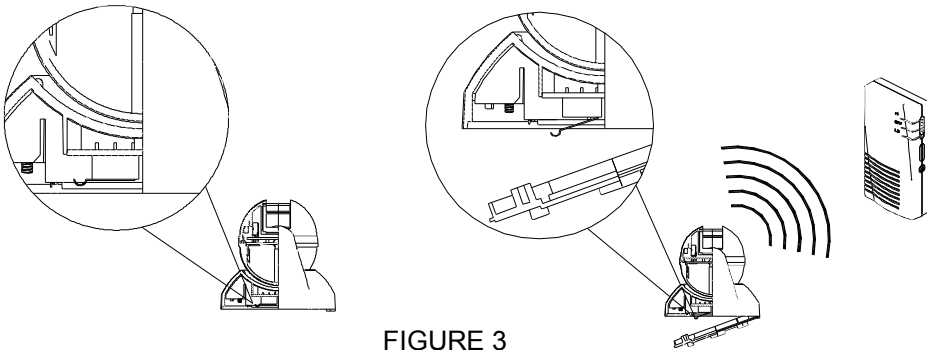


FIGURE 3

NORMAL ACTIVATION

3. When the PIR Detector is triggered by moving heat source a radio signal is transmitted to the Receiver to activate the receivers coded to it.
4. The time control knob is designed to control the length of time that the receiver should be turned on. It is set from 5 seconds to 12 minutes. "T" means 5 seconds, while "+" is 12 minutes. (FIGURE 4)

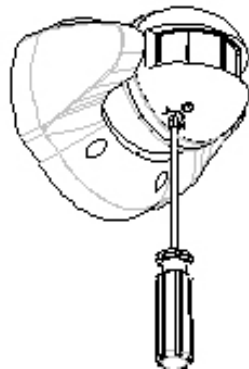


FIGURE 4

5. An LED is mounted inside of the PIR Detector. The indication of LED represents the following status:

	Status	LED indication
1	PIR Detector is emitting radio signal	Illuminating steadily
2	Low battery	Flashing every 30 seconds

INSTALLATION

As soon as the code learning procedure is completed, hold the rear cover in position and mark the two mounting holes. Drill the holes, insert the plastic wall plugs and screw the rear cover to the wall using the screws supplied. Offer the Detector up to the rear cover using screws as originally supplied. (FIGURE 5)

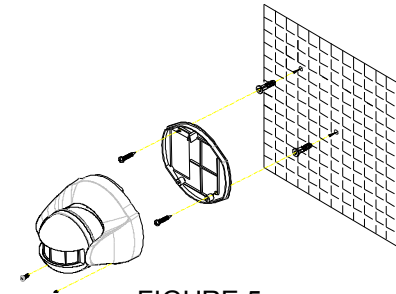


FIGURE 5

NB: After removing the batteries, wait for 1 minute before refitting new batteries.

NB: After replacing the batteries wait 10 seconds for the detector to become stable.

TROUBLESHOOTING

Symptom	Possible Cause	Recommendation
PIR Detector not working	Flat battery	Replace with new battery
	Check if mounting location of detector is correct	Adjust mounting location
	Radio interference	Remove interference source or change mounting location

SPECIFICATIONS

Frequency Range	433MHz
Battery	1.5V AAA x 2
Communication Range	70 m (in an open space)

Specifications subject to change without notice

