

## 800m Wireless Driveway Alert

# USER MANUAL

### Advanced Settings: Sensor Adjustments

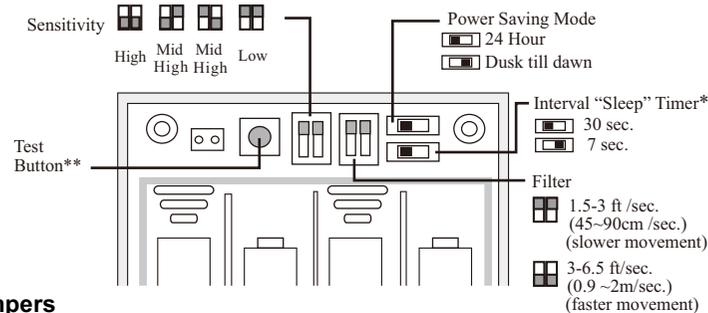
Several switches are inside the battery compartment which regulate various sensor functions. Follow this guide to adjust your unit to the desired setting(s).

NOTE: Your unit is already set by the manufacturer to the most commonly used settings. Only make adjustments to these settings if the unit does not work as desired under the factory settings.

Remove the sun shade and the four screws holding the sensor cover in place.



Inside the sensor unit is a battery compartment and rows of switches which control the sensor settings. Use the guide below to set the sensor according to your preferences using a pen or other hard, narrow object to move the switches.



#### Sensitivity Jumpers

The default sensitivity setting of the PIR is set to 'High', if you are detecting objects that you do not want to detect, please try adjusting the 'sensitivity jumpers between Low, Low/Medium. Low/High by carefully moving the switch positions (as per diagram).

#### Power Saving Mode

The default setting for the Power Saving Mode is 'OFF' which gives you 24 hour operation, for applications where it would be convenient for the PIR to only work in low & dark light levels, please adjust 'Power Saving Mode' to ON. Ideal if you have a location where you just want Alerts during the night.

#### Interval Sleep Time

This is the time that the PIR will be inactive after an activation, therefore 30 seconds will result in better battery life, 7 seconds will result in better protection.

#### Filter

This allows you to set the PIR up to detect slower or faster movement.

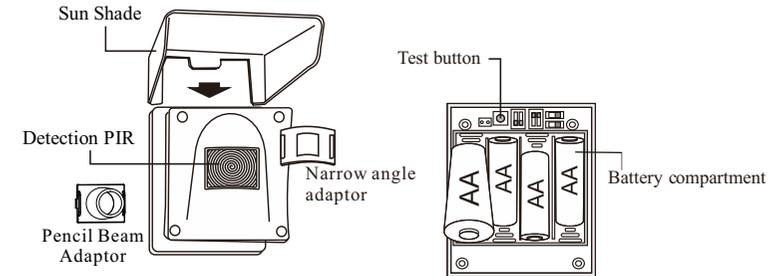
\* After detecting motion, the sensor can "sleep" for either 7 or 30 seconds, allowing an object to pass through the field of vision before setting the alarm off again.

\*\* The Test Button can be pressed during set up to test that the sensor has been correctly paired with its receiver. The Test Button is also used to recode the sensor in cases where more than one receiver is being used (see Helpful Tip on Page 3).

#### Hidden Mode

Press and hold test button for 5 seconds, the LED indicator will blink 2 times to indicate switched to the hidden mode. The LED indicator will not light after trigger in hidden mode. Press and hold the test button 5 seconds again, the LED will light 3 seconds to indicate exit the hidden mode.

### Your Driveway Alarm System



**Sun Shade:** To reduce the interference of the direct sun shine.

**Detection PIR:** Passive Infrared Detection Window

**Narrow angle adaptor:** Remove this adaptor to make wider angle.

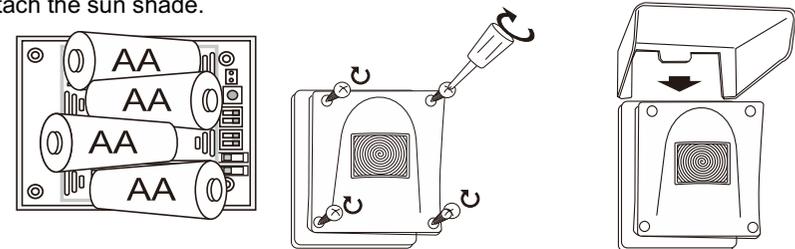
**Pencil Beam Adaptor:** Replace narrow angle adaptor to create a pencil beam

**Test button:** Press this button to test the transmitter

#### Powering Your Sensor

The sensor runs on four (4) AA batteries and operates wirelessly at a maximum distance of 800m from the receiver.

1. Unscrew the four cover screws and remove the cover.
2. Install four (4) AA batteries as indicated.
3. Replace the cover and secure the four screws.
4. Attach the sun shade.



NOTE: Your sensor has been preset by the manufacturer to the most commonly used settings. It is recommended that users test the unit(s) under the default settings before making adjustments. If you have questions about these settings, please contact Customer Service.

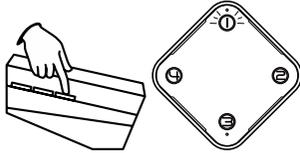
Interval "sleep" Timer	7 seconds
Power Saving Mode	OFF
Filter	3-6.5 ft (0.9~2m) /sec
Sensitivity	High

## Pairing your Sensors with a Receiver

Your sensor(s) need to be paired with a receiver before your system can be used. Follow these steps to pair sensor(s) with a receiver unit.

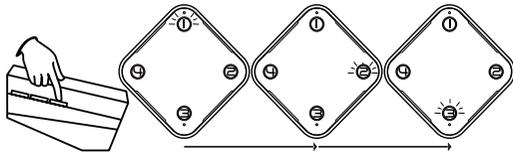
Press and hold “Learn” on the receiver for 3 seconds to enter Learn Mode. The Zone 1 indicator will flash.

**You have 20-30 seconds to move on to the next stage to avoid a timeout**



Press “Next” to light the zone indicator you wish to pair your sensor with. (If pairing Zone 1, skip this step.) Each zone’s indicator will light when selected. Each zone can be paired with up to four (4) sensors. NOTE: If all spaces are occupied, all zone LEDs will flash THREE TIMES.

**You have 20-30 seconds to move on to the next stage to avoid a timeout**



3. Keep pressing the “Melody” button to choose the melody you wish to play when the sensor is triggered.

There are a total of 32 melodies to choose from. Melody select sequence: Melody 1 > Melody 2 > ... > Melody 32 > Melody 1...

To complete the process, activate the sensor you wish to pair by slowly walking past or waving your hand at least one foot from the eye. The sensor eye will light when activated. The receiver will BEEP when successfully paired. To exit Learn Mode, press “Next” until all zone indicators turn off. (or switch the receiver off and back on again)



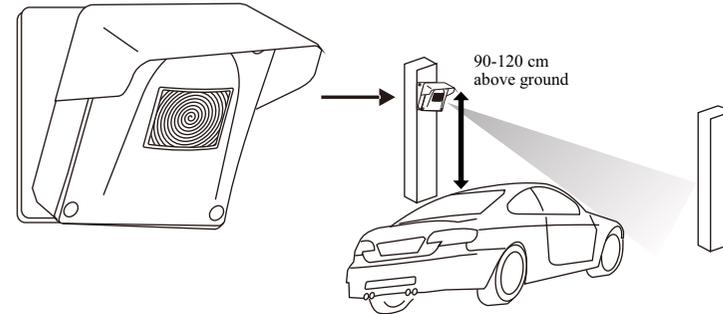
NOTE: If the sensor has already been paired there will be NO SOUND. The indicator of the already paired zone will flash, then the indicator of the new zone chosen in Step 2 will relight. You need to select a different zone to complete the pairing process.

Helpful Tip! Clearing All the Sensors in a Zone

1. Press and hold “Learn” for 3 seconds to enter Learn Mode.
2. Press “Next” to select which zone you wish to unpair. (If clearing Zone 1, skip this step)
3. Press and hold “Pause/Reset” for 3 seconds to unpair all the sensors in that zone. The receiver will BEEP when the zone has been unpaired.
4. Press “Next” until all indicators are off to exit Learn Mode.

## Installing your Sensor

It is recommended that the motion sensor be mounted at least 3 feet (0.9m) from the ground on a sturdy, non-metal surface (i.e. a wall or stiff post) (as metal can interfere with wireless transmission) pointed toward the target sensing area. with the “eye” pointed toward the target sensing area.



This PIR operates using an Infra-red Sensor which works by detecting sudden movements of a Heat Source (for example a person or vehicle passing through the field of view).

The PIR has a typical detection range of 15 metres (which can be reduced) for a single person passing by, this could be further if the sensor was looking towards a herd of cattle, a large vehicle or constant stream of vehicles etc).

The sensitivity of the PIR can be reduced by adjusting the jumpers in the PIR together with the option of adjusting the filter jumpers (which changes the speed of detection), please refer to page 8 of this manual.

We also recommend installing the sensor looking away from a sudden Sun Rise or Sun Set to avoid possible false alarms. A simple way to avoid detecting large objects or a sudden sun rise is by aiming the PIR at 45 – 60% back down the driveway (see illustration of page 7 of this manual).

It may be necessary in a few applications to aim the PIR towards the ground slightly to avoid detecting large objects in the distance, although this could then be prone to detecting large ground animals therefore we would recommend trying to change the angle of the PIR first. ‘Sensitivity’

### Helpful Tip! Multiple Receiver Conflicts

If you are experiencing interference, or you have multiple receivers and/or over 16

sensors, and they utilize the same signal code, you will need to manually change the code in one or more of your sensor units. To do this:

REMOVE the battery. PRESS and HOLD the button inside the sensor battery compartment before INSERT the battery again. When the LED flash five times, a new signal code has been generated.

NOTE: The recoded sensor(s) will need to be re-paired with a receiver. See Section D for instructions.

