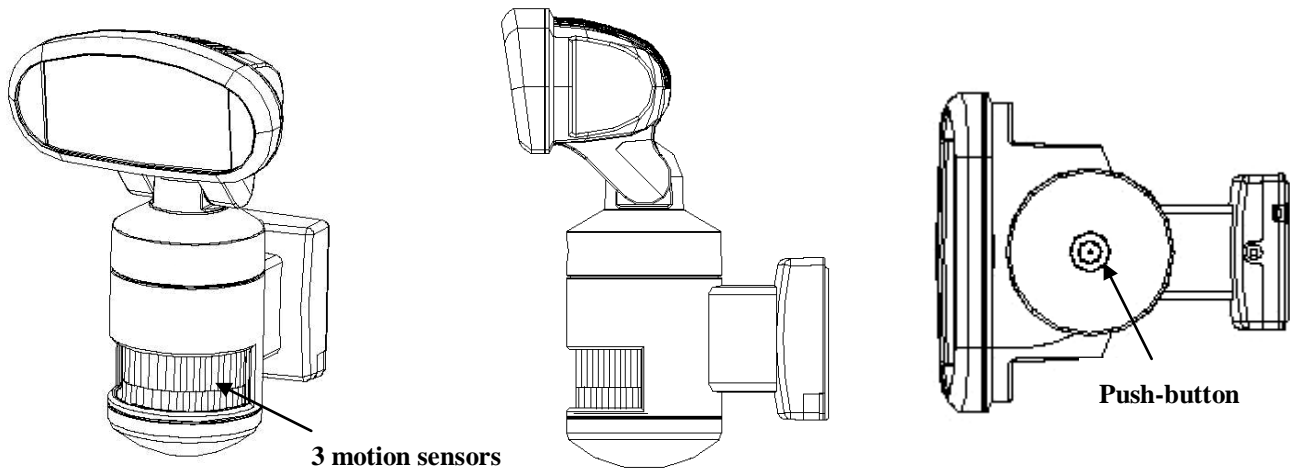


THE INTELLIGENT MOTION SENSOR TRACKING LIGHT INSTALLATION INSTRUCTIONS

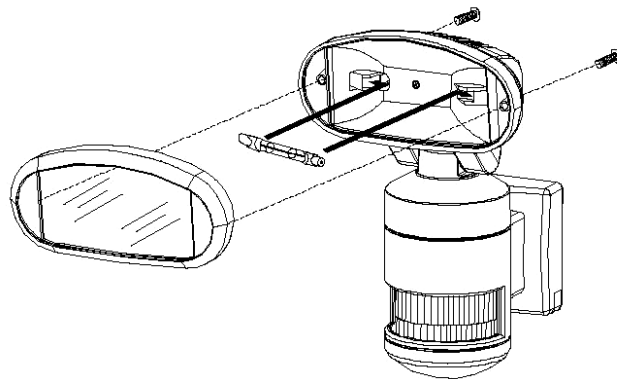
Read all instructions before proceeding with the installation

OVERVIEW OF NW300



INSTALLING THE BULB

- Unscrew the lamp cover of the luminaire and install a 150W J-type lamp or the new energy saving Grade C 120w bulb (as supplied).
- Re-fit the lamp cover and tighten the screws.



IMPORTANT: THE INTALLATION OF THIS FITTING MUST BE DONE BY A QUALIFIED ELECTRICIAN.

- This fitting must be earthed.
- Do not mount the luminaire against inflammable surfaces.
- The motion detector will not operate correctly if it is installed:
 - (I) Near the outlet of a central heating boiler
 - (II) Near air conditioning plant
 - (III) Pointing directly at moving vehicles
 - (IV) Within sight of reflection from moving water
 - (V) Where other lamps could shine onto the detector
- The maximum rating of this luminaire is 150 Watts. Check that the total load of the circuit. Including this luminaire. Does not exceed the rating of the circuit cable.

WARNING !!!

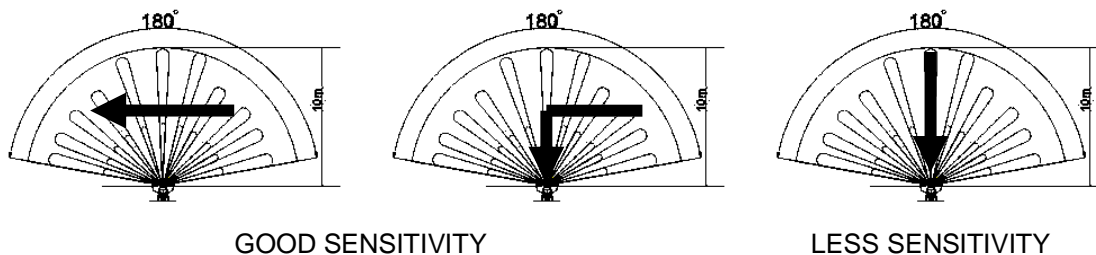
BEFORE ATTEMPTING ANY INSTALLATION OR MAINTENANCE, ENSURE THAT THE ELECTRICAL SUPPLY IS SWITCHED OFF AND THE CIRCUIT FUSES REMOVED OR THE CIRCUIT BREAKER IS IN THE "OFF" POSITION.

NOTE: This highly responsive unit may occasionally activate due to rapid environmental changes. Allow for approximately 30 seconds warm-up time before the sensor resumes normal activity.

MOUNTING THE FITTING

To ensure correct operation of the sensor, mount the luminaire that traffic passes across the detector.

TOP VIEW

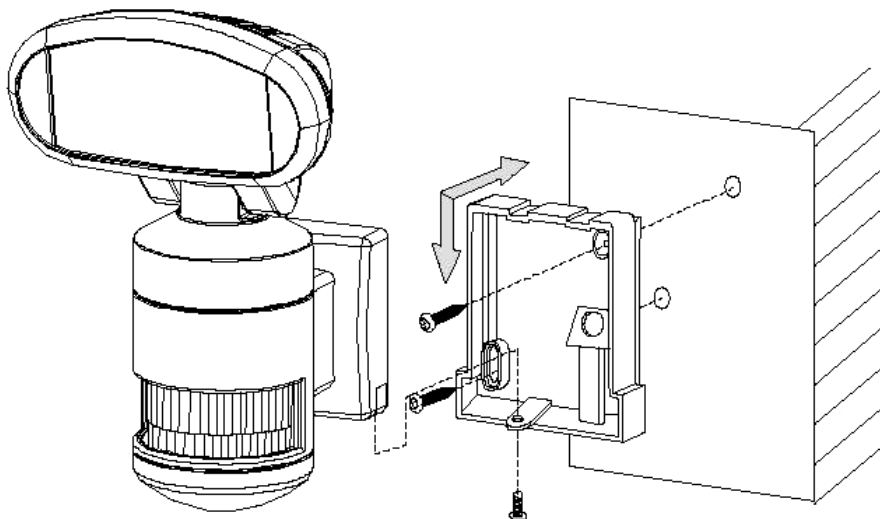


INSTALLATION AND WIRING INSTRUCTIONS

Remove the inset back mounting box from the luminaire. Fit the inset back mounting box onto the wall and tighten the screws at a height that ensures adequate coverage of the area by the infrared detector. The minimum installation height is 2 meters.

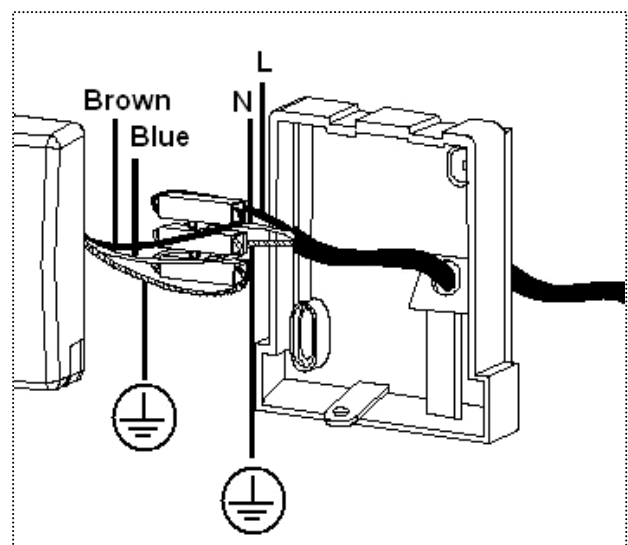
And the maximum height is 3 meters.

NOTE: DO NOT REMOVE THE SECURING TAPE ON THE FITTING UNTIL THE UNIT IS FULLY INSTALLED.



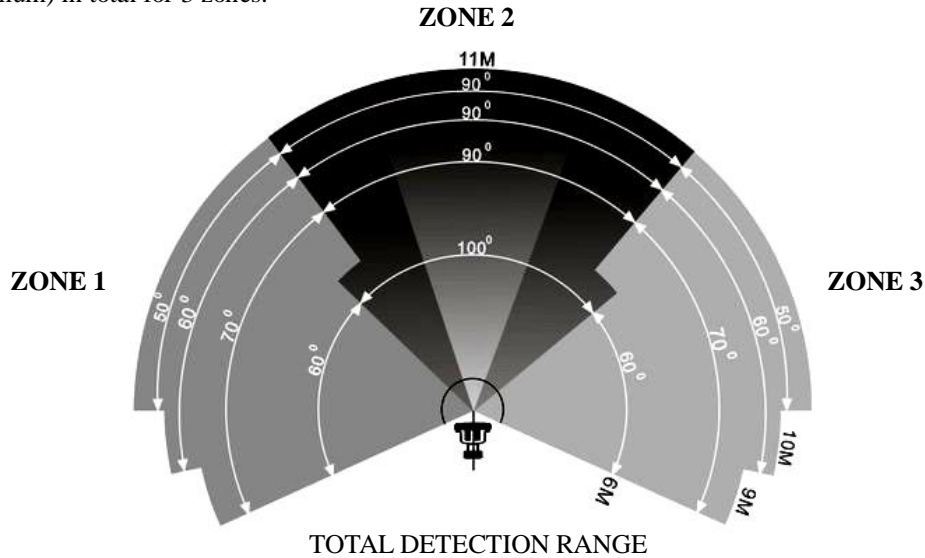
WIRING INSTRUCTIONS


- Feed the cable carefully through the back mounting box and bush to avoid abrasion to the cable.
- Connect the earth wire to the connector opposite the green/yellow cable.
- Connect the brown phase conductor active to the connector opposite the brown cable and tighten the screws.
- Connect the blue neutral conductor to the connector opposite the blue cable and tighten the screws.
- Check that all connections are correct and tight, as any misconnections will damage the detector.
- Re-fit the fitting to the back mounting box.

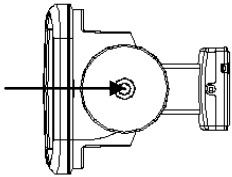


FUNCTION

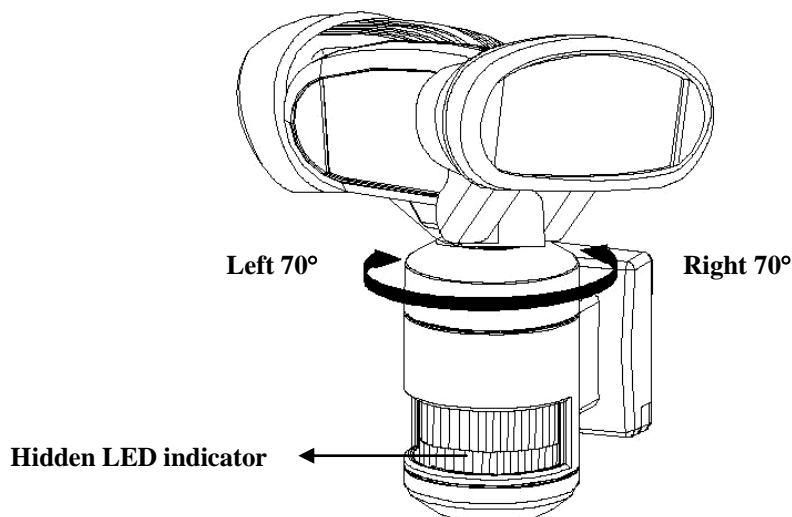
This light is equipped with 3 motion sensors: zone 1 covers 60 degree, zone 2 covers 100 degrees and zone 3 covers 60 degrees. 220 degrees (maximum) in total for 3 zones.



- The light will switch on for 3 minutes and off automatically when heat/ movement is detected.
 - The factory default: the light on is fixed at 3 minutes and is set to Night-time mode.
 - To change the mode to All Day Mode, push the button at the bottom of the housing and the hidden LED indicator will turn off under this mode. The light will be on at 3 minutes when detecting any movement at day and night.
 - Push-button for programmable functions:
 - All day mode: light works on day and night
 - Nighttime mode: light works at night only
- 



Push-button
- Reset function: If the stepper motor of tracking light works abnormally, the hidden LED indicator will flash in red and the light will stop turning automatically. In All Day mode, the red light will flash for 5 seconds and off for 5 seconds; in Night-time mode, the red light will flash in the regular pattern. Please simply switch off and on the mains power to resume the tracking light. Below are the possible abnormal situations.
 - External force: the light head is blocked by objects or is blown by strong wind and is unable to turn properly, the hidden LED will flash in red to signal users the abnormal situation.
 - Stepper Motor : when the stepper motor is reaching the end of its life or is damaged, the bottom hidden LED will flash red to signal a malfunction. Please switch the NW300 off and on at the mains, the tracking light now may or may not resume operation. If the stepper motor stops working and is outside the standard warranty period, the NW300 will continue to function as a regular motion sensor security light.



OPERATION

1. Turn on the wall switch to activate the light, the light is now under Nighttime mode.

NOTE: Allow for approximately 30 seconds warm-up time before the sensor resumes normal activity.

2. To test, walk through the sensor's detection area.

3. After the light is activated, **keep out of detection area** and the light will switch off automatically after 3 minutes. The light will be activated again when detecting any movement.

If there is continuing movement in the detection zone, the light will stay on until movement ceases. (after 3 minutes)

LAMP REPLACEMENT

To isolate the unit, first switch off the unit from the mains power. Allow bulb to cool before attempting to remove it. Unscrew the lamp cover and take the old lamp out and replace with new one, close the lamp cover and tighten the screws.

WARNING: This fitting will become hot when in use. Allow bulb to cool before touching.

NOTE: THE INTELLIGENT MOTION SENSOR TRACKING LIGHT IS DESIGNED TO ILLUMINATE WHEN THE DETECTION AREA IS ENTERED BY A PERSON AND WILL DETECT MOVING HEAT SOURCE. THERE IS NO GUARANTEE IMPLIED THAT IT WILL PROVIDE TOTAL SECURITY OR PREVENT ILLEGAL ENTRY.

SPECIFICATION

Detection Method: Passive Infrared Sensor (with continuously detect function)

Sensor Range: 10m x 220° (maximum)

Power source: AC 240V

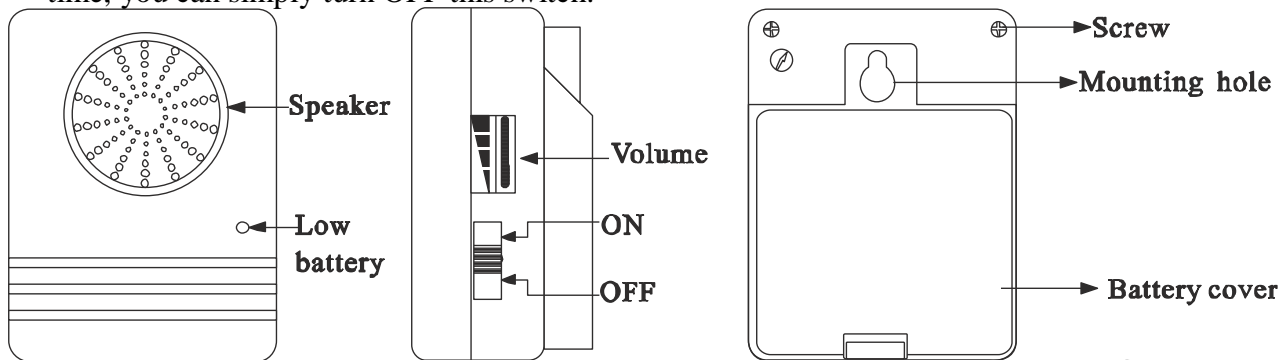
Time adjustment: Fixed at 3 minutes approx.

Load Rating: J-Type 150 Watts Max.

WIRELESS WARNING DEVICE

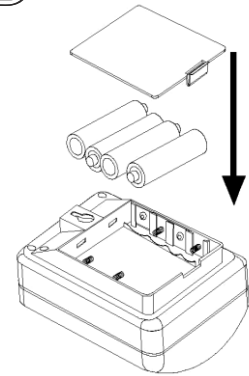
OVERVIEW

- Speaker: It will sound an alarm when the NW 300 detects any movement.
- Low battery indicator: when batteries are running out of power, the indicator will flash red once every 3 seconds and the product will stop working until the batteries are replaced.
- Volume adjustment: adjust to your preferred volume. Maximum volume is up to 85 dB.
- There is an ON-OFF switch on the unit. You need to turn ON the switch firstly so this alarm will sound when the NW300 detects any movement. If you do not want the unit to make any sound at any time, you can simply turn OFF this switch.



INSTALLING/REPLACING BATTERIES

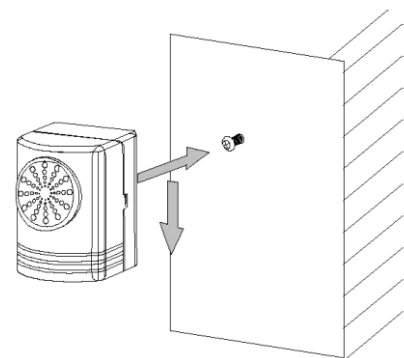
- Remove the battery cover.
- Install 4pcs AA 1.5V batteries. Make sure the polarity (+ -) of battery is installed correctly. (Batteries not included)
- Replace the battery cover to the alarm unit



INSTALLATION

This alarm is designed for indoor use, so please install internally in appropriate location, no more than 15 meters from the NW300.

- Drill a hole on the wall.
- Ensure the provided wall plug is pushed tightly into position and insert the screw in the wall plug with a screwdriver.
- Hang the alarm unit on the screw and ensure it is well secured.



an

FUNCTION AND OPERATION

The NW300 can also work as an RF wireless receiver. This alarm is a wireless receiver with an alarm function, equipped with volume adjustment and low battery indicator.

- As motion sensor detects movement, it will send a signal to alarm unit.
- The alarm will be triggered for 30 seconds and off automatically.
- The operating range between the NW300 and the alarm unit is 15 meters max.

