Motion Sensor

Model PS-434A

1. INTRODUCTION

The Motion Sensor is designed to monitor movement around your house. It can be placed either indoor or outdoor.

In this package, you should find a Motion Sensor (battery included), ball-head joint and screws.

2 pcs 3 x 18 screws (Included)

Ball-head joint

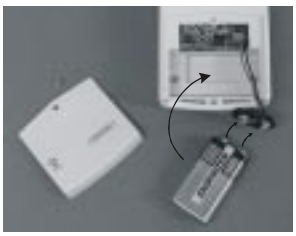
Motion Sensor (battery included)

Please follow the instructions below to setup your motion sensor.

2. SET UP THE MOTION SENSOR

1. POWER UP

Insert a 9V alkaline battery to the motion sensor. The sensor requires a warm up time of approx. 45 seconds before it can function properly.



Insert 9V alkaline battery to the sensor

2. PROGRAM THE MOTION SENSOR TO THE SECURITY CONTROL PANEL (SC-001)

i. Enter the current MPIN (Master Identification Number) in the Security Control Panel (SC-001)
ii. Press [B].
iii. Press the number key to identify which zone to add the Motion Sensor to [1, 2, 3, 4]. We recommend you program the motion sensor to zone 2. The zone light will flash for eight seconds.
iv. While the zone light is flashing, press [*].
v. While the zone light is flashing, press the Learn Button inside the battery compartment (diagram 1) of the Motion Sensor in order to activate it. You will hear a long beep if the motion sensor is "learned" to the control panel. The zone light will stop flashing and the remote sensor will now communicate to that zone.

3. PROGRAM THE MOTION SENSOR TO THE AUDIO ALARM (AA-433)

i. With only the "ON" light lit on the Audio Alarm, press and hold the learn button located on the bottom of the Audio Alarm.
ii. While pressing down on the button, press the Learn Button inside the battery compartment (diagram 1) of the Motion Sensor in order to activate it.
iii. If a connection has been made, the Audio Alarm will stop beeping and make a continuous tone until the black learn button on the Audio Alarm is released.

4. PROGRAM THE MOTION SENSOR TO THE EMERGENCY DIALER (AD-433S, AD-1010, ED-1010)

i. Press [L], [5] when in clock mode, the display will show "L5 Id code".
ii. Within 5 seconds, press the Learn Button inside the battery compartment (diagram 1) of the Motion Sensor in order to activate it. The display will return to clock mode once the Motion Sensor has been learned.
iii. If the Motion Sensor detects any movement, it will trigger the Emergency Dialer and start dialing the preset phone numbers (refer to AD-433S, AD-1010, ED-1010 User's Instruction).

5. SENSOR SENSITIVITY

The sensitivity of the motion sensor is adjustable. Change the setting by placing the connector on either the "High" or "Low" position. When the sensitivity is set to "Low", more movement is required to trigger the sensor. It is recommended to set the sensitivity to "Low" and perform a "Walk Test" (Described in Section 3 - "Walk Test"). If the walk test result is satisfied, the sensitivity does not require to be adjusted further. If the walk test result shows the sensitivity is too low, then you can change the sensitivity setting to "High". Please perform the walk test after changing the sensitivity setting.

Diagram 1

3. INSTALLING THE MOTION SENSOR

1. MOUNTING

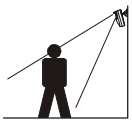
A ball-head joint is necessary to mount the sensor at a desire location. A height of 5-6 ft is recommended, depending on your application. Once a location is selected, mount the ball-head joint to this location by screws provided, (see diagram 2). Once the ball-head joint is mounted to the wall, slide the back of the sensor into the ball-head joint (see diagram 3). The mounting angle can be adjusted. Please refer to Section 3 "Walk Test" to determine the best mounting angle.

Diagram 2

Diagram 3

2. WALK TEST

After mounting the sensor at the desired location, it is important to perform a walk test in order to determine if the sensor is detecting the things you want to detect.

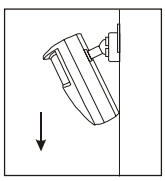


In order to control how far the sensor can "see", this can be done by adjusting the angle of the sensor. To reduce the detection range, simply move the sensor downward. To increase the range, move the sensor up to around 12 degrees. This will give the maximum range. However, this may not be desired if the sensor is placed outdoors, since a false trigger may occur if the sensor is set to detect motion in a distance. Disarm the control panel or dialer before you perform the work test, or you will trigger an alarm (please refer to the user's instruction of your receiver)

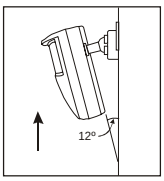
You should walk in the area that you would like the sensor to monitor. If movement is detected the red light inside the unit will appear. If the red light does not appear, adjust the mounting angle accordingly. Perform the walk test again after 30 seconds. Repeat this procedure until your motion is detected. There should be no movement in the detected area during the 30 seconds.

Perform walk test in the undesired area to ensure movement cannot be detected.

Tips: The sensor should not face towards direct sunlight, placing near heat or cold producing devices (i.e. A/C or furnance vents, fans, ovens, heaters etc.) that may cause false triggers.



Move the sensor downward to reduce the range.



Move the sensor up to around 12 º to give maximum range.

4. FCC

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

WARNING:
Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE:
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment dose cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

5. WARRANTY

If, within one year from date of purchase, this product should become defective (except battery), due to faulty workmanship or materials, it will be repaired or replaced, without charge. Proof of purchase and a Return Authorization are required.

6. CUSTOMER SERVICE

If you would like to order Skylink's products or have difficulty getting them to work, please :

1. visit our FAQ website at www.skylinkhome.com, or
2. email us at support@skylinkhome.com (reply within 24 hrs), or
3. call our toll free at 1-800-304-1187 from Monday to Friday, 9 am to 5 pm EST.
   Fax +800 286-1320 (for customers in USA & Canada only)

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P/N. 101A255 Rev.0
US Patent. 6243000B1