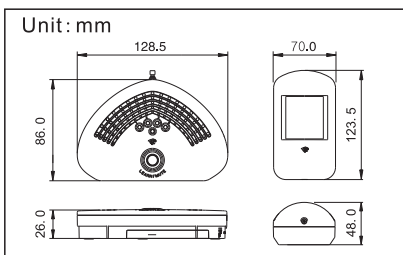


## 6. SPECIFICATIONS

Power Supply	Motion Sensor	6V 4xAA
	Receiver	Adaptor 9V / 4xAAA
Battery Life	Motion Sensor	2 Years (Standard Mode)
	Receiver	5 Days (Standard Mode)
Working Frequency		433 MHz
Wireless Distance		≥1600ft (500m) (Open field)
Motion Sensor Detection Range		12m x 12m
Alarm Relay Output		N. C. /N. O. DC 24V , 2A Max.
Using Environments	Motion Sensor	Indoor / Outdoor
	Receiver	Indoor



※Specifications and design are subject to change without prior notice.

## 7. TROUBLE SHOOTING AND MAINTENANCE

TROUBLE	TROUBLE CAUSE	REMEDY
Unit does not power up	No voltage of battery	Replace new batteries
	Battery direction reversed	Change the direction of the battery
Unit's LED does not light	No or low input power	Apply proper input voltage
	Incorrect sensor mounting height	Increase/decrease mounting height
Alarm LED/Relay triggers without movement in detection area	Unsecured environment:Animals/ rodents in detection area	Block access of animals / rodents
	Heater/air conditioning equipment in sensor view	Re-aim sensor
	Relay is broken	Replace with new unit.

## 8. NOTES

- The Base Station Receiver shall be installed indoor and do not use it under the following conditions.
  - In the place where it is likely to be exposed to dust, high humidity, high temperatures, or rain.
  - In the place where it is closed to magnetic field.
  - In the place where vibration or shock is directly transmitted to the product.
- In order to ensure the normal operation of the product
  - Please power off before cleaning the product.
  - Do not use chemical detergents to clean the product.
- Never disassemble, repair and modify the product.
- The product complies with the FCC Standard and requirements of RoHS.
- Specifications and design are subject to change without prior notice.

## 9. FCC Caution

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.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference.
- this device must accept any interference received, including interference that may cause undesired operation.

## 10. CONTACT US



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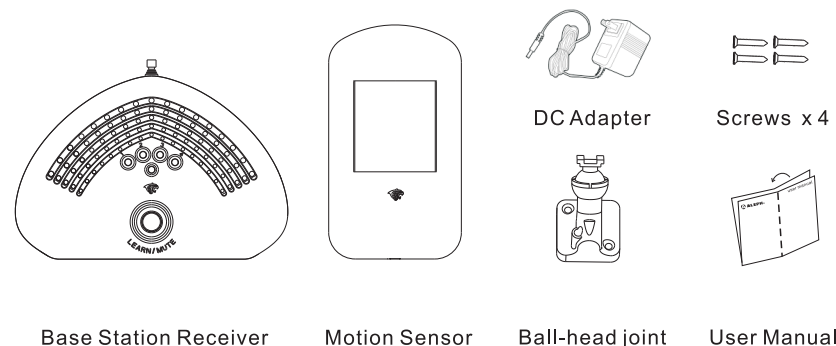
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(4)



# WIRELESS MOTION ALERT

Thank you for selecting ALEPH product.  
Please read the manual carefully before operating the product.



The device is a convenient and affordable safety / security system. It uses a Passive Infra-Red (PIR) Motion Sensor to detect movement of people and vehicles. Once motion is detected, the Base Station Receiver will respond with flashing along with alert beeping or alarm. The Base Station is powered by the DC adapter or the 4 AAA batteries supply power in case of a power outage. It is perfect for home, business, property and worksite. Meanwhile, the device is also a digital receiver with an isolated relay output for use with transmitters. The Base Station Receiver can be used in a variety of remote control applications. When the receiver detects signal from a sensor, the relay output activates.

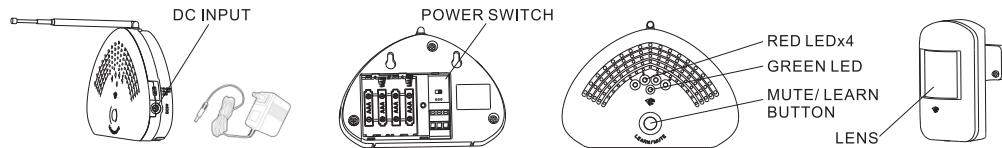
- Motion Sensor and Base Station Receiver kit
- 3in1 Alert/Alarm/Relay output modes
- Add up to 16 sensors in 4 zones
- Up to 1600ft. (500m) transmission range between Motion Sensor and Receiver
- Compact and consumes very little power
- Plug and play operation, no hardwiring necessary

※ The Receiver is intended for indoor use only. The Motion Sensor can be placed either indoor or outdoor.

## 1. PROGRAMMING

The Motion Sensor must be programmed to the Base Station Receiver before they can communication. You may program the Motion Sensor to one of the 4 zones. Follow the instructions below:

1. Plug in a DC adapter or install 4 AAA batteries to the Receiver .
2. The green LED will be on indicating it is turned on.
3. Press and hold Receiver Learn/Mute button for 3 seconds, until the zone 1 red LED lights up . You may now release the Learn/Mute button.
4. If you would like to program the sensor to zone 1 , activate the sensor in 30 seconds when zone 1 red LED is on indicating , then the red LED will flash 2 times and Receiver buzzer will also beep 2 times, it mean programming is succeeded.
5. If you would like to program the sensor to other zones , press the Learn/Mute button again , until the red LED is indicated at the zone you want to program the sensor to, then activate the sensor.
6. Each zone can program up to 4 sensors . If you try to program a fifth sensor into a zone, the first programmed sensor will be erased.
7. Once the sensor is programmed, the green LED will be steadily on and none of the red zone LED will be on.



Notes: If you do not want to program the sensor any longer but the Red LED is on indicating , you can press and hold the Mute / Learn button for 3 seconds then the receiver will be in working status . The red LED has 30 seconds to indicate the time which in learning status.

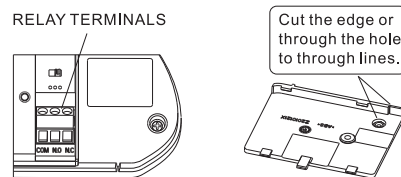
### ERASING A SENSOR:

You cannot erase a specific sensor. You must erase all sensors from the receiver, then program the ones you would like to keep. To erase all the sensors from the receiver:

1. Remove the adapter and turn off the power from the receiver.
2. Press and hold the Learn/Mute button. Do not release the Learn/Mute button until step 4.
3. While holding onto the Learn/Mute button, plug in the adapter or turn on the receiver power.
4. Release the Learn / Mute button when the receiver green LED is on, it mean all sensor are removed.

### TERMINAL CONNECTIONS:

As a typical installation , the receiver can be connected to an alarm control panel , door strike , camera , high current relay or some other device. When you want to connect devices with the receiver , please cut the edge or through the hole of the battery cover by tool.



## 2. INSTALLATION

### Motion Sensor Mounting



- ① Install 4xAAA batteries into the case.
- ② Mount the ball-head joint to the wall by screws provided.
- ③ Slide the back of the sensor into the ball-head joint.

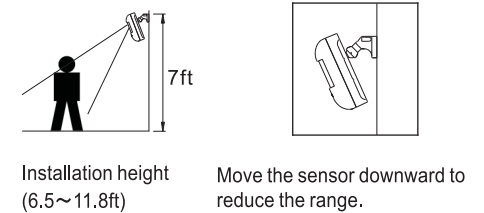
### Base Station Receiver Mounting



- Vertical Placement Horizontal Placement Wall-hanging
- ※ Keep Base Station Receiver away from metal objects that can decrease radio range by shielding the signal.

## 3. 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. You should walk in the area that you would like the sensor to monitor. Place the slide switch on the side of the receiver to "Alert" position. The receiver will beep if the sensor detects your movement. If the receiver does not respond, adjust the mounting angle accordingly. After motion is detected once, the sensor will not be triggered unless no motion is detected for 30 seconds. Therefore, wait for at least 30 seconds during walk testing between 2 activations.

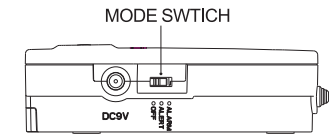


**Note:** The sensor should not face towards direct sunlight, placing near heat or coldproducing devices (i.e. A/C or furnace vents, fans, ovens, heaters etc.) that may cause false triggers.

## 4. OPERATION

There are 3 different operating modes for Base Station Receiver.

1. **ALARM** : Sounds an alarm when a sensor is activated, corresponding zone LED will also flash.
2. **ALERT** : Beeps when a sensor is activated, corresponding zone LED will also flash.
3. **OFF** : No audio sound will be emitted when sensor is activated . Zone LED will flash to indicate the activated sensor. To select the operating mode, place the slide switch on the side at the desired setting.



### WORKING MODES :

- **ALARM** : Alarm Mode
- **ALERT** : Alert Mode
- **OFF** : No Audio

### ALARM MODE:

When the Receiver is in Alarm Mode, it will sound its siren when a sensor is activated. The maximum alarm duration is set for 30 seconds. To terminate the siren during the 30 seconds interval, press the Learn /Mute button. Although the alarm siren is terminated, if that sensor is still activated, its corresponding LED will continue to flash.

**Note:** This audio siren is not intended to prevent intruder break-in, it is rather an alert signal indicating a sensor is activated. Therefore, turning off the siren does not require specific password.

### ALERT MODE:

When motion is detected in the monitored area, the sensor will send a signal to the receiver. It will beep and the corresponding zone red LED will flash for 30 seconds. If the sensor is set to zone 1, zone 1 red LED on the receiver will flash, and the receiver will emit a continuous "single beep", i.e. "beep" pause, "beep", pause..... etc. If the sensor is set to zone 4, zone 4 red LED will flash, and the receiver will emit a continuous "4 beeps", i.e. "beep beep beep beep" pause "beep beep beep beep" pause .....etc.

**Note:** By the number of beeps emitted by the receiver, user can identify which zone is triggered.

### OFF MODE:

No audio will be emitted even sensor is activated. Only zone LED will flash.

## 5. SYSTEM COMPATIBILITY

The Base Station Receiver can be compatible with all wireless accessories in the ALEPH AHS-1000 system: Curtain passive infrared Motion Sensor, Door / Window magnetic Sensor, Smoke Sensor, Combustible Gas Sensor, Remote Control, etc. Please visit [www.ain-cn.com](http://www.ain-cn.com) or contact us at [sales@ain-cn.com](mailto:sales@ain-cn.com) for more information of how to fully utilize your Wireless Motion Alert.

**FCC Caution**

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 does 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.