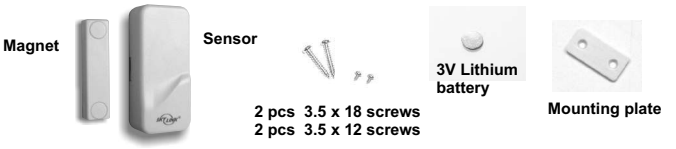
Door/Window Sensor

Model WD-103

1. INTRODUCTION

The Door / Window Sensor is designed to monitor any door or window within your house. It works in conjunction with MA Series Control Panel. When the monitored window or door is opened, the control panel will either alert you or alarm will be triggered.

In this package, you should find a sensor, a magnet, 3V lithium battery and other mounting accessories.

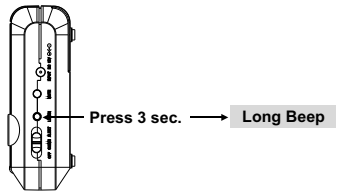


Please follow the instructions below to set up the door / window sensor.

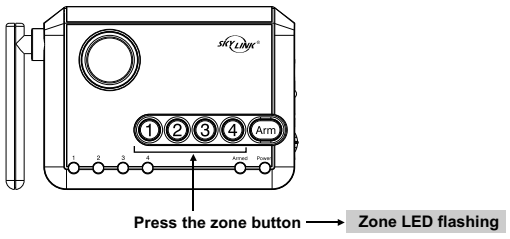
2. LEARN SENSOR TO MA SERIES CONTROL PANEL

In order for the sensor to communicate with the control panel properly, the sensor must be programmed to the control panel. Follow the brief instructions below or refer to the detail instructions from the MA Series User's Instructions to program the sensor to the control panel. Before proceeding, please remove the battery isolator from the sensor, and placing the magnet beside the transmitter (where the red marking is)

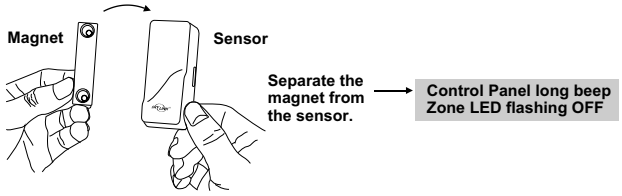
Step 1:
Press and hold the Learn Button on the Control Panel for 3 seconds. Control Panel beeps once and you may release the Learn Button.



Step 2:
Press the zone button (1, 2, 3, or 4) once, for which you want to program the sensor to. The selected Zone LED will flash.



Step 3:
Activate the Door Window Sensor by separating the magnet from the sensor unit.



Step 4:
You will hear a long beep and the zone LED stops flashing. The sensor is now programmed to the Control Panel.

Note:

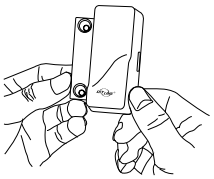
You may program up to 4 sensors to one zone.

Zone 4 is an alert zone, sensors in this zone is for alert purpose ONLY and will not trigger the alarm.

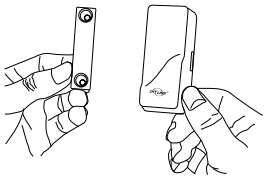
2. LEARN SENSOR TO MA SERIES CONTROL PANEL (CONT)

Test Sensor

After learning the sensor to the control panel, you may test the communication by placing the magnet beside the transmitter (where the red marking is) and remove the magnet from the transmitter.



When the magnetic contact is closed, the receiver will not beep.



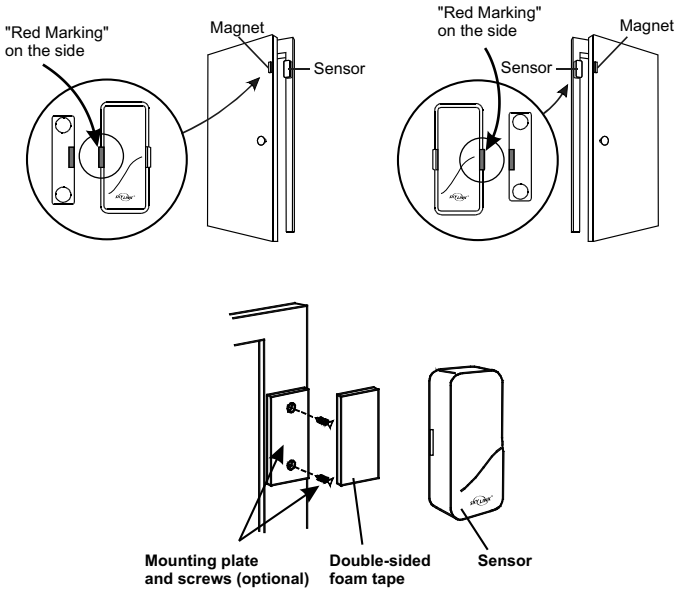
When the magnetic contact is broken (open), the receiver will beep and a LED will flash.

1) Zone LED of this sensor will flash
2) Beeping according to the zone number [Alert Notification Switch is set to "Alert"]. 1 beep for zone 1, 2 beeps for zone 2 etc, until the sensor is closed.

Note: If the Alert Notification Switch is set to "Chime", Control Panel will chime once for every signal activation. If the Alert Notification Switch is set to "OFF", no audio alert will sound.

3. INSTALLATION

The transmitters should be mounted on the door frame or window frame by double sided tape. The magnet should be mounted on the door or window by either double sided tape or screws. Make sure the magnet is aligned with the red marking on the transmitter. If the surface of the frame is flat enough, double-sided foam tape is sufficient, otherwise, it is recommended to screw the mounting plate to the frame, then apply double sided tape. After mounting the sensor, if the Skylink logo is inverted, remove the front cover and rotate it so the Skylink logo is in the upright position.



Testing:

After mounting the sensor, test the sensor by opening and closing the door or window. The Control Panel should respond in the same way as described above, "Test Sensor".

Note:
- Try to mount the sensors as far away from the floor as possible to avoid damaging them. Mounting the sensors at a higher position will also result in better operating range.

- Do not mount the sensor to the exterior of the door / window, always mount the sensor to the interior side of the door / window to avoid being damaged or stolen by non-intended users.

4. OPERATION

Door/Window Sensor is used to monitor doors or windows that open and close. When these doors / windows are open or closed, the sensors will transmit a signal to the control panel to notify the user.

Refer to the MA Series User's Instructions for detail information regarding the operation of this door / window sensor with the control panel.

5. SENSOR FAILURE / LOW BATTERY INDICATION

The control panel constantly monitors its sensors, if the control panel fails to communicate with any sensors, it will begin rapidly flashing the zone LED indicator.

When sensor failure occurs, try the following:

1. Check if the sensor is located at where it should be, and whether there is any physical damage to the sensor.
2. If the failed sensor is not physically damaged, try to activate the sensor and see if the control panel reacts to such activation.
3. If not, try to remove the sensor from its location, and bring it closer to control panel and activate the sensor. It is possible that the sensor is installed too far from the control panel and it cannot establish a steady communication with the control panel. If this is the case, please install the sensor closer to the control panel.
4. Replace the battery of the sensor in that zone if the Control Panel does not respond when the sensor is activated within short range.

If you have multiple sensors in a zone, you may test the function of each sensor to identify which sensor is having problem.

6. OTHER MA SERIES ACCESSORIES

The MA Series control panel can work with different accessories include: Motion Sensor, Keychain Remote, Water Sensor, External Keypad, Audio Alarm, Emergency Dialer, etc. Please visit www.skylinkhome.com or contact us at support@skylinkhome.com for more information of how to fully utilize your Wireless Alarm System - MA Series.

7. CE

Declaration of Conformity
This equipment complies with the requirements relating to electromagnetic compatibility, EN 301489-3:2002, EN300220-2:2007, EN60950-1:2006, EN50371:2002. This equipment conforms to the essential requirement of the Directive (1999/5/EC) of the European Parliament and of the Council.

8. 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.

9. CUSTOMER SERVICE

If you would like to order Skylink's products or have difficulty getting them to work or download latest information and user manual, please :
1. visit our FAQ section at www.skylinkhome.com, or
2. email us at support@skylinkhome.com

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SKYLINK®

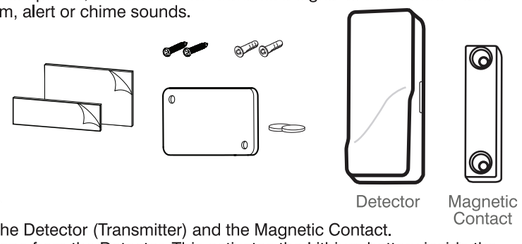
Door / Window Sensor
WD-103

Introduction

The Door / Window Detector is designed to be used indoors. (It can also be used on external buildings such as sheds or workshops but should not be exposed to rain). When mounted properly it can monitor doors, windows, cabinets, etc. – any door or window that opens. When the door or window is opened, the detector will transmit a signal to the Control Panel. The settings on the Control Panel determine if an alarm, alert or chime sounds.

Parts Check List

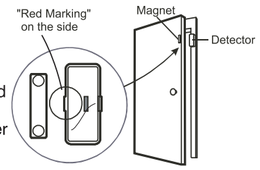
Identify all the parts before proceeding.
2 - Screws and 2 - Raw plugs
2 - Double sided tape
2- Screw caps
Mounting plate
Door / Window Detector with magnetic contact



Preparing the Detector for Installation

The Door / Window Detector consists of two parts – The Detector (Transmitter) and the Magnetic Contact.
Before installing, remove the yellow battery isolation tape from the Detector. This activates the Lithium battery inside the Detector. The approximate battery life is up to two years. When replacing batteries it is recommended to replace all batteries at the same time in order ensure proper operation of the entire system.

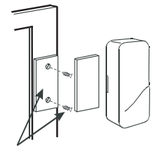
Note: When using double sided tape apply to clean dry surface.



For Interior Mounting – The Detector & Magnetic Contact can be mounted vertically or horizontally but note that the Magnetic Contact must be aligned (on the same side) as the red marking on the Detector. The red marking indicates which side the contact switch is located inside the Detector. The gap between the Magnetic Contact and the Detector must be no greater than 12mm (½"). Select a position on the door frame or window frame to mount the Detector

Depending on what side of the door the Detectors mounted, the Detector cover can be rotated but the red marks must always be aligned in order for the Detector to function correctly. Mount the Magnetic Contact on the door or window (the part that moves). In most applications you can use double sided tape (included). It is strongly suggested to mount Detector and Magnetic Contact lightly to ensure proper function/gap distance. Once you are confident with the mounting position apply pressure to secure both pieces to surface. Use the two screw caps to cover the screw holes for the Magnetic Contact, they simply snap into the holes for a clean appearance.

For exterior mounting



Use the separate mounting plate/screws (included) for the Detector. Attach the Magnetic Contact to the door, nearest the edge. Position and mount the plate for Detector onto the desired surface. The gap between the Magnetic Contact and the Detector must be no greater than 12mm. Once the plate is mounted, use the doubled sided tape to attach detector to the smooth surface of mounting plate. Position the Detector so that the side with the red marking is on the same side as the Magnetic Contact. Once the Detector and Magnetic Contact are mounted, assign the Detector to a Zone on the Control Panel.

Assigning a Detector to a Zone

Assigning a Detector into a Zone is an easy 4 step process; however there are a few points to remember

- Only one Detector / Accessory can be assigned at a time.
- A Detector cannot be assigned to two different Zones.
- Up to four Detectors can be added per Zone (if a fifth Detector/Accessory is added then the first Detector will be replaced.)
- Battery must be active in the Detector before it can be assigned to a Zone.
- Detector can be assigned to a Zone and then mounted, or can be mounted and then assigned to a Zone.

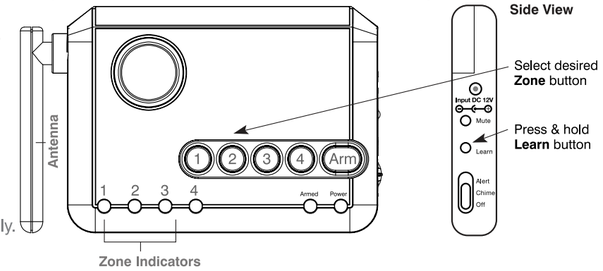
The Door/Window Detectors (MAG) use a Lithium battery. To activate the battery, remove the yellow battery activation strip.

Step 1 – Press and hold the Learn button on the Control Panel for three seconds. The Control Panel beeps once. Release the Learn button.

Step 2 – Press the Zone button (1, 2, 3 or 4) for the Zone you want to assign to the Detector. The LED indicator for that Zone will begin to flash.

Step 3 – Release the Zone button.

Note: Zone 4 is for dedicated alerts only. Detectors in this Zone will not trigger an alarm or chime.



Step 4 – Activate the Detector
For the Door/Window Detector, separate the two pieces or if mounted, open the door or window.

Testing a Detector or your system

Once all the Detectors/Accessories have been assigned to Zones in the Control Panel you can now test your system. This allows you to test a Door/Window Detector in Zones 1, 2, 3 without arming the system.
Ensure the Control Panel can receive the signal from the intended location of the Detector before permanently mounting a Detector.

Step 1 - Unplug AC adapter from the Control Panel and remove batteries.

Step 2 - Press and hold the 'Mute' button and plug the AC adapter back into the Control Panel. When all the LED indicators turn on, release the Mute button. The Control Panel is now in Test Mode and any Detector can now be tested in any Zone.

Step 3 - Set the Notification Mode to 'Alert' position on the Control Panel and begin activating Detectors one at a time.

Note: The detector has a LED that flashes to show when the Detector has triggered and transmitted to the Control Panel.

Step 4 - When testing is complete, unplug the AC adapter, then plug the AC adapter back in and reinstall batteries. This returns the Control Panel to standard operation mode.

Note: The Control panel will automatically return to standard operation mode after 5 hours.

Low Battery Indicator (Detectors)

The Control Panel continuously monitors all the Detectors. If the Control Panel does not receive a signal from any Detector it will begin rapidly flashing the Zone LED indicator. This indicates one or more detectors in the Zone may have low battery power and are unable to transmit a signal the necessary distance. If all batteries and/or Detectors are installed at the same time into a Zone, it is recommended to replace the batteries in all Detectors in the Zone.

However, you can check the Detector's status independently by placing the Control Panel in Test mode (see Testing a Detector above) and trigger each Detector separately (i.e. open door). If the Detector does not trigger an alert then replace the batteries.

Note: The detection status system is 'range dependant', which means detectors located closer to the Central Control Panel may seem to have batteries that last longer than those Detectors at a greater distance. The lithium cell batteries in the Door/Window Detector (MAG) can last up to two years.

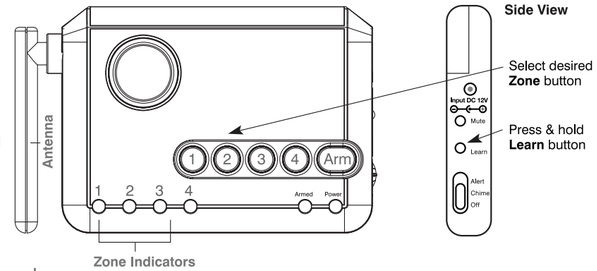
Erasing a Detector from a Zone

Note: If you need to remove a Detector from a Zone, the system will erase the entire Zone, so any other Detector's will need to be put back into that particular Zone.

Step 1 - To erase a Zone, press and hold the Learn button on the Control Panel. The unit will beep once.

Step 2 - While holding the Learn button, press and hold the Zone button to be erased. After five seconds the Control Panel will sound two beeps and the Zone LED indicator will flash twice.

Step 3 - Release all buttons.



Note: The Zone/Detector cannot be erased if:

- The Zone has been triggered for an Alert or alarm, the Detector/Zone must be reset.
- There is loss of signal from the Detector to the Control Panel (such as low battery, or Detector is out of range).
- The system is armed.

The Control Panel will sound three beeps to indicate it could not erase the Zone.