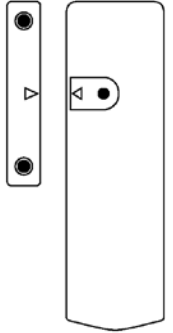# LA5157 WIRELESS REED SWITCH

USER MANUAL

Magnet

The Wireless Magnetic Contact uses a magnetically operated switch to sense the opening of the door or window.
The Wireless Magnetic Contact is easy to install without connecting any cables from the security Control Unit.
The Wireless Magnetic Contact is compact, attractive and easy to install, it can be mounted on a window or a door.
The Wireless Magnetic Contact is ideal for commercial, office and residential applications.
The Wireless Magnetic Contact detects intrusion by determining open or close of the magnetically operated switch

Please follow the following steps in order to ensure you correctly install :

1). Installing the batteries in the Detector(s)

Note: Do not use rechargeable, zinc carbon or zinc chloride batteries in the detectors.
1. Slacken screw on base of detector and lift off cover
2. Remove screw from battery cover and remove cover.
3. Insert two "AAA" size alkaline batteries as shown. Taking care to observe correct polarity (Illustration 1).
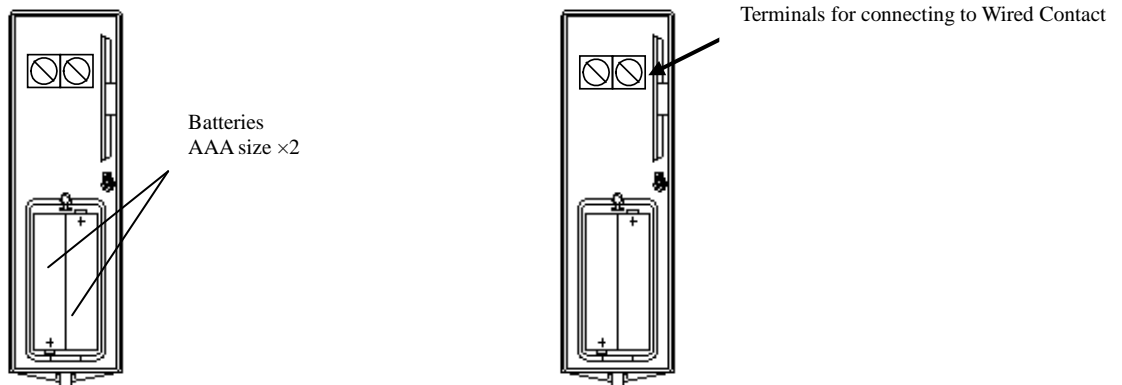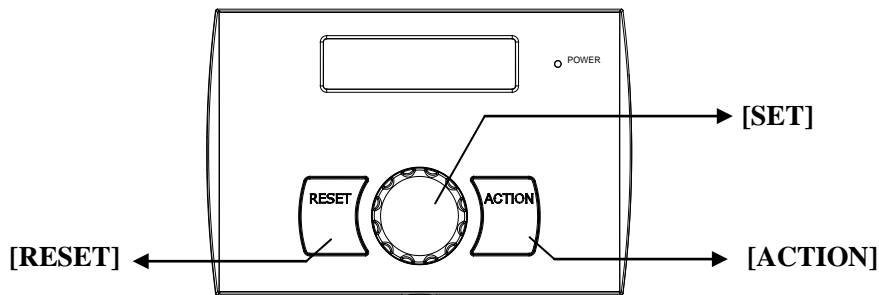4. Replace battery compartment cover and screw.

Batteries
AAA size ×2

Terminals for connecting to Wired Contact

Illustration 1

Note: The Magnetic Contact is able to expand by adding on a Wired Magnetic Door/Window Contact Accessory

2). Programming the detector into your Wireless control unit system

POWER

[SET]

[RESET]

[ACTION]

LA5592 Home Automation Controller

   Programming detector into Home Automation Controller system, can select input device type Security Zone or Other, if the detector set other input device type, it will only use for Matrix Action Input condition.

e.g. Setup the detector parameter: input device 2, Security /Delay Zone

- It is accessed directly from Day mode via press **[SET]** key

08:00   01- Jan
DAY

- Press **[SET]** key will go into Program Mode

08:00   01- Jan
SETUP   ACT   INFO

- When cursor indicate SETUP, press **[SET]** key will go
  into SETUP program mode

SETUP MENU
Setup System?

- Rotate **[SET]** key to select **Input Device?**
  and press **[SET]** key go into **Input Device** function.

SETUP MENU
Input Device?

- Rotate [SET] key to select Input 2?
  and press **[SET]** key go into setup input device 2 function.

INPUT DEVICE
Input 2?

- Rotate [SET] key to select Device Type?
  and press **[SET]** key go into **Input Device Type** function.

Input Device
Device Type?

- Rotate [SET] key to select Security Zone type,
  and press **[SET]** key go into **Zone Attribute** function

Device Type
Security Zone?

Note: If system generate an have error tone , please go into Input Device/Enable, set OFF

- Rotate [SET] key to select Delay Zone attribute

Zone Attribute
Delay Zone

- Press [SET] key to save it, or press [RESET] key to cancel,
  it will exit and go to "Learn In_Device".

Input Device
Learn In_Device?

- Press [SET] key go into Learning… status.
  Trigger the wireless device within 10seconds ensuring it is kept
  at least 0.5m away from the Controller. To trigger:

Learn In_Device
Learning…

- Activate the MC detector by moving the magnet away (greater
  than 40mm) from the arrow near the red LED

greater than 40mm

- Learn OK, Controller will generate an have OK tone,
  it will exit and go into **Enable** function

Input Device
Enable?

- LCD will display current enable status.

Enable Work
OFF?

- Rotate [SET] key to select ON,and press [SET] key to accept,
  it will enable Input Device 2 work
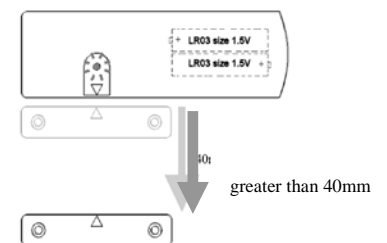
Enable Work
ON?

- System generate an have OK tone, it will exit and go
into next Input Device

INPUT DEVICE
Input 3?

- Press [RESET] key multiple, controller will return to Day Mode

08:00   01- Jan
DAY

Note: Set Enable Work/ OFF, If the wireless device have been learnt into the system, It will clear the input device.

4). Mounting Location

This product contains a radio transmitter and should not be sited on or near large metal objects
The detector consists of two parts. It is designed to detect a door or window opening. For optimum radio range the detector should be mounted as high on the door as possible.

Mounting the detector
There are two parts to the detector. The larger section is actual detector and contains the batteries and the electronics. The smaller section is simply a magnet (Illustration 2).
1. Choose where on the door or window you wish to locate the unit. The transmitter unit is usually mounted on the frame and should be positioned such that the red LED is closest to the door or window edge.
2. The magnet should be fitted as shown (Illustration 3) with one narrow edge level with the flat top on the detector housing. The gap between the magnet and detector should be no more than 10mm with the arrow on the magnet pointing directly towards the arrow on the detector.
3. If there is insufficient room to mount the detector on the frame then it can be fixed to the door or window instead, with the magnet fixed to the frame alongside it. For reliable operation, the front face of the magnet should be no more than 8mm below the front face of the detector – in some cases it may be necessary to place packing behind the magnet or detector to achieve this.
4. Remove and retain the screw from the bottom of the detector (Illustration 4). Using a small drill or screw driver to make two fixing holes in the backplate as a template, mark and drill two fixing holes. Fix the backplate in position using the screws provided.
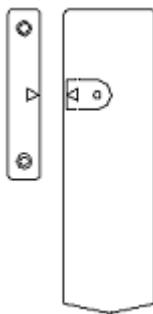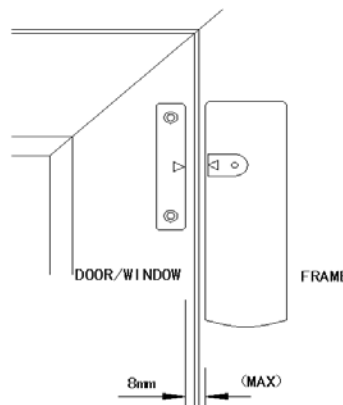

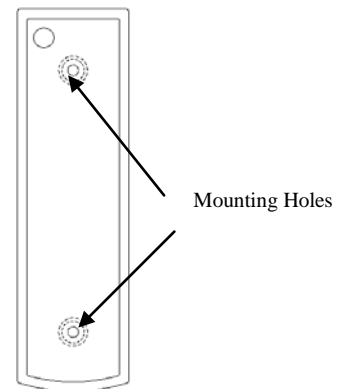| **Illustration 2** | **Illustration 3** | **Illustration 4** |

5. Locate the detector on the backplate and replace the retaining screw at the base off the unit.
6. Align the magnet as described above and fix in position with the two screws provided.

Note If you are fitting the unit to a PVC door or window, you may wish to use STRONG double sided tape to fix both the detector and magnet in position.

Specifications

Transmission range	100 metres (line of sight)
Transmission frequency	433MHz
Power Supply	3Vdc (2 x 1.5V AAA Alkaline battery) (Batteries are excluded)
Battery Life	Approx. 18months

Disposal and Recycling

Batteries and waste electrical products should not be disposed of with household waste. Please recycle where these facilities exist. Check with your local authority or retailer for recycling advice.