Premier EZ Security Alarm System

WHAT YOU GET

Status LED   Low Battery LED

Telephone Jack

Siren

Battery Cover
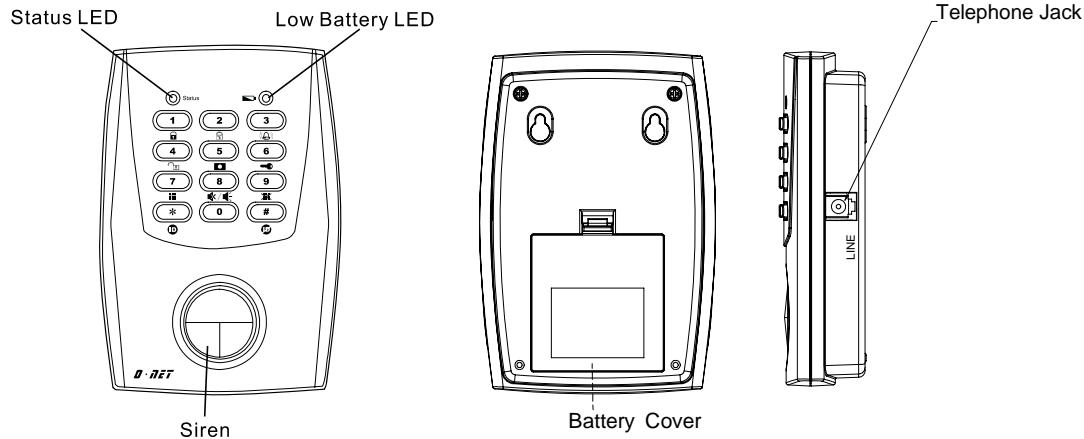
The EZ Security Alarm system should contain the following components:

1 x EZ Alarm with Dialer (SE132)
1 x Wireless Motion Detector (SP101)
1 x Door/Window Contact Detector (SM101)
1 x Remote Controller (SR132)
4 x 1.5V AA size Battery (SE132)
2 x 1.5V AAA size Battery (SP101)
2 x 3V CR2032 Lithium Battery (SM101, SR132)
User's manual and fixing pack

INTRODUCTION
It is designed to protect your property, serving as a basic alarm system and entry enunciator as well. Upon receipt of radio signal from the associated transmitters, a piercing 110 decibels alarm sound or chime alert will be emitted and in the meantime dial up the preset phone numbers by playing 6 seconds alarm message for help.

LOADING THE BATTERY
The EZ Alarm requires 4 "AA" batteries. If the ▭ LED of Alarm is flashing once every 3 seconds, the batteries need to be replaced right away, otherwise the Alarm cannot be working properly. Average battery life for stand-by usage is 8 months, subject to alkaline batteries being applied.

To install the batteries:
1. Open the battery cover. (FIGURE 1)
2. Insert 4 "AA" batteries ensuring correct polarity being put. (FIGURE 1)
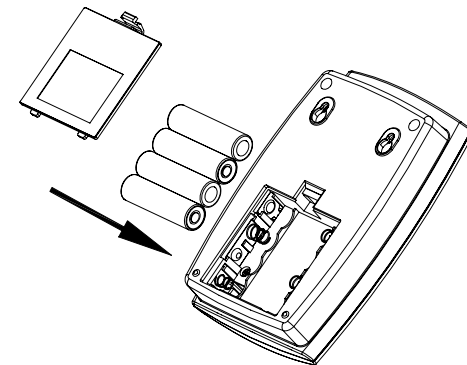3. Refit the battery cover.

FIGURE 1

Note: Remove batteries before storing the Alarm for extended periods. Batteries corrode over time and may cause permanent damage to the unit. Different types of batteries or new and used batteries should not be mixed. Depleted batteries should be removed from the unit and disposed of properly.

CONNECTING TO THE TELEPHONE LINE
To call for help when the Alarm is activated, plug one end of the telephone line to wall outlet and the other end into the side of the Alarm. (FIGURE 2)
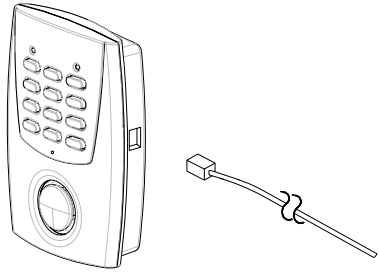
1

FIGURE 2

FIGURE 3

CHOOSING A MOUNTING LOCATION

When choosing a suitable location for the Alarm, the following points should be considered.

1. The Alarm should be located within a protected area with the System set, eg: an intruder cannot reach the Alarm without being detected by a detector.

2. The Alarm should be located in a position where it will be seen each day, but not visible from the door or windows.

3. Do not locate the Alarm closer than 1m to any large metallic object, eg: mirrors, radiators, fridges etc, as this may affect the radio range of the system.

4. Locate the Alarm in an easily accessible position between 1.5m and 2.0m above floor level.

INSTALLING THE ALARM

Mark the two fixing holes 50mm apart in a line on the wall. Drill two holes; fully insert the plastic wall plugs supplied and fit two 18mm screws into the wall plugs until almost fully home and hang the Alarm over these screws using the two keyhole slots in the top corners of the rear casing. (FIGURE 3)
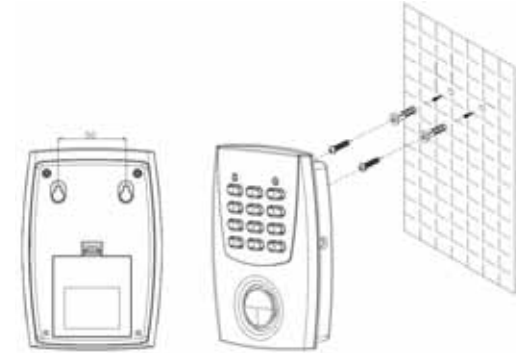
STARTING UP

The Alarm is capable of memorizing up to 12 ID codes. For initial operation, the Status LED will flash once every 3 seconds, it means that the Alarm does not memorize any ID code or phone number. Without being programmed the phone number, the Alarm cannot make use of its dialer function, while failure in learning the ID code, the Alarm cannot be activated by the associated transmitters. It will stop flashing until the code learning and phone number have been programmed.

Upon completion of batteries insertion, the Status LED will light up for one second and extinguish, confirming that the Alarm has initiated properly.

The ex-factory mode is set for "disarm" and 4-digit security code [**1**, **2**, **3**, **4** has been set as the default security code. (**Note:** After removing or replacing the batteries, the Alarm security code would be automatically set back as default [**1**, **2**, **3**, **4**], while the preset ID codes will be still in existence.)

SETTING THE 4-DIGIT SECURITY CODE

Default setting: **1**, **2**, **3**, **4**
For initial operation, press [**1**, **2**, **3**, **4**] 4-digit security code and then **6** mode key, the Status LED and ▭ LED will keep illuminating.

Press your new 4-digit security code and then **6** mode key within 15 seconds. This 15-second allows users to enter new security code. As soon as the setting has been completed before 15-second is out, the Alarm will revert to disarm mode

immediately. However, after the expiry of 15 seconds, the setting has not been finished, but the Alarm will still revert to disarm mode automatically. If the fifth mode key is not entered correctly, the Alarm will treat it as an input error. Three consecutive input errors will make the Alarm revert to disarm mode automatically.

Note: Number **0** ~ **9** can be used repeatedly as the digit of 4-digit security code, but ✳ and # cannot be applied.

While setting the security code, the Alarm will stop receiving the radio signal from any transmitters.

LEARNING THE ID CODE

Press 4-digit security code and then ✳ mode key to enter the code learning mode. Both Status LED and ▭ LED will be flashing. It offers a 30-second for the Alarm to learn the ID code from the Transmitter. Once code learning is successful, the Alarm will emit a long beep in response and revert to disarm mode automatically. If the completion of code learning takes less than 30 seconds, the Alarm will revert to disarm mode immediately. However, code learning has not been completed before 30-second is out, the Alarm will still revert to disarm mode automatically with the Status LED flashing 4 times rapidly. During code learning mode, any input or activation will be ignored.

The maximum capacity of ID code learning is 12. It means it is compatible with different type of transmitters for a maximum of 12 pcs. If 13th ID code is entered, the Status LED will flash rapidly as rejection and revert to disarm mode directly.

CLEARING THE PRESET ID CODE

Press 4-digit security code and then # mode key to enter code clearance mode. Both Status LED and ▭ LED will illuminate steadily. The users have a 15-second to clear the ID code. Pressing 4-digit security code and then # mode key again within 15 seconds will clear all existing codes. Upon completion of clearing the ID code or failure to do so before the time is out, the Alarm will revert to disarm mode automatically. During code clearance mode, any input or activation will be ignored.

SETTING TELEPHONE NUMBER

Arm the Alarm by pressing 4-digit security code and then **7** mode key. The maximum allowable length of inputting a set of telephone number is 30 seconds, while both Status LED and ▭ LED will flash as an indication. Up to 4 set of telephone numbers can be memorized.

Press ✳ right after the completion of each telephone number. If the input has been accessed, the Alarm will have a long beep and revert to the disarm mode. Repeat the same step from the beginning to input another telephone number.

During input, any incorrect digit number can be erased by pressing # each time. If a sequence of incorrect telephone number is entered 3 times or failure in entering telephone number within 30 seconds, the Status LED will flash and revert to the disarm mode straight away.

RECORDING ALARM MESSAGE

Arm the Alarm by pressing 4-digit security code and then **5** mode key. The Alarm can start to record after a long beep is emitted. The ▭ LED will illuminate while recording. The maximum allowable length of the alarm message is 6 seconds. After this period, the Alarm will beep once to indicate that the recording has stopped. Alternatively, press any key to stop recording before the max. 6 seconds is out. Only one alarm message can be recorded.

SETTING TYPE OF ACTIVATION

Default setting: duration for alarm 30 seconds and be mute 45 seconds

Arm the Alarm by pressing 4-digit security code and then **01** mode key. When the Alarm is triggered, it will generate a full alarm condition for 30 seconds and be silent for 45 seconds as one cycle. Such a cycle will be repeated 10 times upon each activation. Each cycle, the Alarm will dial up one preset phone number and will not hang up the line until every phone number has been dialed three times.

There are two other type of activation can be chosen as follows:

1. Arm the Alarm by pressing 4-digit security code and then **02** mode key. When the Alarm is triggered, it will be silent for 45 seconds and initiate a full

alarm condition for 30 seconds as one cycle.   Such a cycle will be repeated 10 times upon each activation.   During 45 seconds silent period, it will start dialing up one preset phone number.

2. Arm the Alarm by pressing 4-digit security code and then **03** mode key. When the Alarm is triggered, it will not generate a full alarm condition but will dial up each preset phone number 3 times before the Alarm stops.
   Note: If the Alarm does not memorize any phone number, no phone number can be dialed upon alarm activation.

No matter what type of activation is set, the Alarm always sounds for 30 seconds and is mute for 45 seconds as one cycle. Every time 45-second countdown starts, the Alarm will initiate dialing function so as to dial one of the preset phone numbers with 30-second alarm message.

This one-way dialer cannot detect whether the recipient pick up the phone or not. After the phone number is dialed for 5 seconds, the alarm message will be sent and played for 30 seconds before hanging up the line automatically.   When the next 45-second silent period starts, it will dial up the next phone number.

Each preset phone number needs to be dialed 3 times as prerequisite.   If up to four phone numbers were set, the Alarm should dial 12 times, but alarm activation is set for 10 times, as a result, no alarm sound will be occurred for the last two cycles.

If less than four phone numbers have been programmed, the Alarm will stop dialing until all of the preset phone numbers were dialed 3 times, but 10 times alarm activation remains unchanged.

ARMING THE ALARM
Both "**instant arm**" and "**delay arm**" mode have a 15-second exit delay duration.

1. **Instant arm mode:** Arm the Alarm by pressing 4-digit security code and then **1** mode key. The Alarm will have a 15-second exit delay before the Alarm is armed. The delay allows time for you to leave the protected area without triggering the Alarm. During this 15-second, the Alarm will be silent for 10 second and beep for a while and Status LED will flash as a notification. The Alarm will enter instant arm mode after expiry of 15-second exit delay.

When the Alarm is activated, it will sound for 30 seconds and be silent for 45 seconds as one cycle.   Such a cycle will be repeated for 10 times upon each activation.

During 45 seconds silent period, if the phone numbers and alarm message have been set, the Alarm will dial up one preset phone number by playing 30 seconds alarm message in each cycle.
Note: We would recommend that the Alarm mode is set for Chime mode when you are at home to avoid hearing damage resulted from frequent activation.

2. **Delay arm mode:** Arm the Alarm by pressing 4-digit security code and then **2** mode key. The Alarm will have a 15-second exit delay. The delay allows time for you to leave the protected area without triggering the Alarm. During this 15-second, the Alarm will be silent for 10 seconds and beep for a while and Status LED will flash as a notification. The Alarm will enter delay arm mode after expiry of 15-second exit delay.

Once the Alarm is activated, the Status LED will be on shortly and the Alarm won't sound until a 15-second entry delay expires.

When the Alarm is activated, it will sound for 30 seconds and be silent for 45 seconds as one cycle. Such a cycle will be repeated for 10 times upon each activation.

During 45 seconds silent period, if the phone numbers and alarm message have been set, the Alarm will dial up one preset phone number by playing 30 seconds alarm message in each cycle.

ACTIVATING THE CHIME
Activate the chime by pressing 4-digit security code and then **3** mode key. Din-don can be heard each time when the Alarm is activated.

DISARMING THE ALARM

Disarm the Alarm by pressing 4-digit security code and then **4** mode key.

When the Alarm is set in the disarm mode, any activation or reception of radio signal will be ignored.

DEACTIVATING THE CHIME

Deactivate the chime by pressing 4-digit security code and then **4** mode key.

CLEARING THE PRESET TELEPHONE NUMBER

Arm the Alarm by pressing 4-digit security code and then **9** mode key. The maximum allowable length of clearing all preset telephone numbers is 15 seconds, while both Status LED and 🔋 LED will illuminate steadily as an indication.

Press 4-digit security code an **9** mode key again to clear all of the preset telephone numbers.

Press 4-digit security code and **4** mode key to revert to disarm mode directly.

SETTING THE KEY TONE

This feature, if enabled, allows the Alarm to be emitted a tone each time the keypad is pressed.

Default setting : on

Key tone can be heard when initially pressing 4-digit security code and then **8** mode key. Pressing 4-digit security code and then **8** mode key will take turns at disabling and enabling the key tone.

LED INDICATION

When entering 4-digit security code with the fifth mode key correctly, the Alarm will respond with a long beep with the Status LED being on shortly.

If a sequence of incorrect code is entered, the Status LED will flash and beep three

times. Three consecutive input errors will disable the keypad for 30 seconds.

If a sequence of incorrect code is entered during siren sound, the Status LED will flash but without beep tone. Three consecutive input errors will disable the keypad until the siren ceases.

In the event of a low battery condition, 🔋 LED will be flashing once every 3 seconds until the battery power depletes.

CARE AND MAINTENANCE

To clean the unit housing, use a soft cloth slightly dampened with water and wipe dry. Do not use chemical agents as this may damage and discolor the unit.

Note: After removing the batteries, the circuitry will retain residual current. In order to speed up the consumption of residual current, pressing any keypad for at least 10 seconds is of great importance before refitting the batteries.

QUICK INPUT GUIDELINE

Default Setting (4-digit security code)	Mode Key	Mode Status
1 2 3 4	0 1	Activation Type
1 2 3 4	0 2	Activation Type
1 2 3 4	0 3	Activation Type
1 2 3 4	1	Instant Arm
1 2 3 4	2	Delay Arm
1 2 3 4	3	Chime
1 2 3 4	4	Disarm
1 2 3 4	5	Recording Alarm Message
1 2 3 4	6	Security Code
1 2 3 4	7	Setting Phone Number

1	**2**	**3**	**4**	**8**	Key Tone
1	**2**	**3**	**4**	**9**	Clearing Phone Number
1	**2**	**3**	**4**	**✳**	ID Learning
1	**2**	**3**	**4**	**#**	ID Clearance

Note: The security code for your Alarm should be changed from the factory default setting.

Note: If input has not been entered entirely, incomplete input will be cleared after 10 seconds automatically.

Wireless Motion Detector
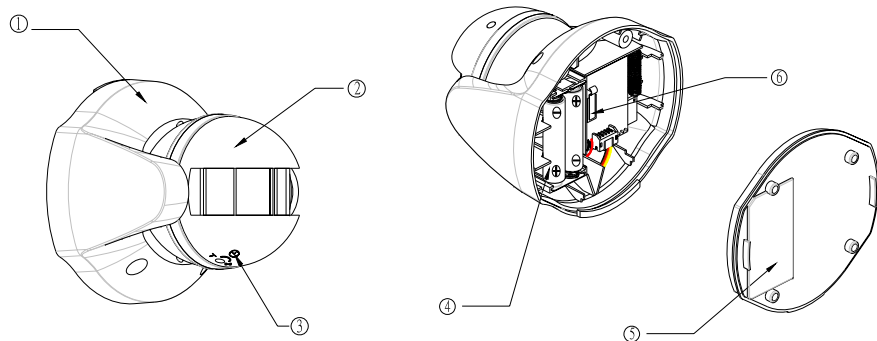
① Front Cover	④ Battery
② PIR Motion Sensor	⑤ Rear Cover
③ Time-off Knob	⑥ Tamper Switch

The Motion Detector is designed to detect movement in a protected area by detecting changes in infra-red radiation levels caused, for example, when a person moves within or across the devices field of vision.   If movement is detected a radio signal will be emitted to the EZ Alarm.

The recommended position for a Motion Detector is in the corner of a room mounted 2m from the floor.   At this height, the detector will detect movement up to 8-12m depending on adjustment. (FIGURE 4a)   Also, in this position, the 110

degrees fan-shaped detection pattern can normally offer greater protection than mounting on a flat wall. Before selecting a position for a Motion Detector the following points should be noted:

SENSOR
LESS SENSITIVE

SENSOR
MORE SENSITIVE

SENSITIVITY TO MOTION
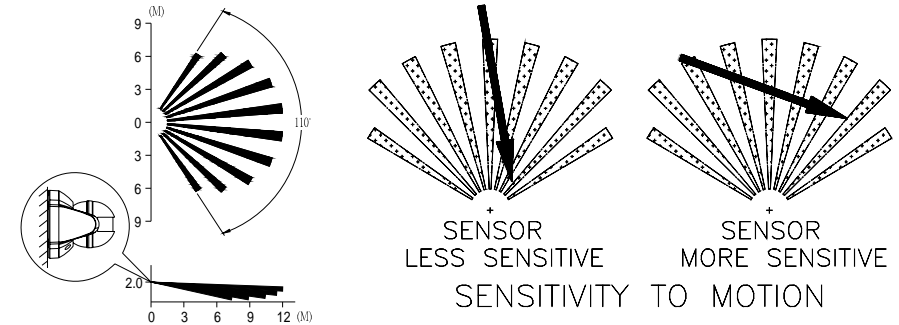
FIGURE 4a   FIGURE 4b

1. Do not position the detector facing a window or direct sunlight. Motion Detectors are not suitable for use in conservatories or draughty areas.
2. Do not position the detector directly above or facing any source of heat, eg: fires, radiators, boiler etc.
3. Where possible, mount the detector so that the logical path of an intruder would cut across the fan pattern rather than directly towards the detector.(FIGURE 4b)

LOADING THE BATTERY
1. Using a Phillips screwdrivers to detach the rear cover. (FIGURE 5a)
2. Insert 2 AAA-size 1.5V batteries to the battery compartment, ensuring that correct polarity is put. (FIGURE 5b)
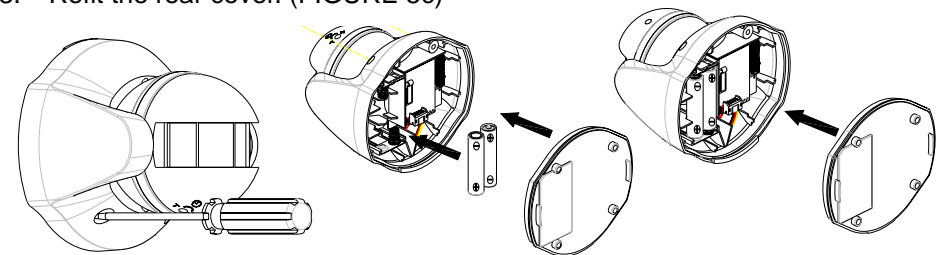3. Refit the rear cover. (FIGURE 5c)

FIGURE 5a   FIGURE 5b   FIGURE 5c

SETTING
1. There is an ID code that is fixed ex-factory and cannot be adjusted.
2. Emitting the ID code

Step 1: After inserting the batteries to the Motion Detector, it will have a 60-second warm up period before emitting the ID code.
Step 2: Set the EZ Alarm to code learning mode.
Step 3: Pressing the tamper switch for more than 3 seconds will emit the ID code to the EZ Alarm instantly.
Step 4: If the EZ Alarm responds with a long beep, the code learning is successful. If not, please repeat Step 2.
Step 5: If consecutive short beeps have been heard from the EZ Alarm, the code learning is failure. Follow the below steps for resolution.
Step 6: Starting from Step 1 to re-try.

OPERATION

1. When removing the rear cover, the tamper switch will be triggered. Trigger command of radio signal will emit to the EZ Alarm immediately
2. The EZ Alarm will sound for 30 seconds and be silent for 45 seconds as a cycle. Such a cycle will be repeated for 10 times, of which duration takes about 12-13 minutes. (FIGURE 6)
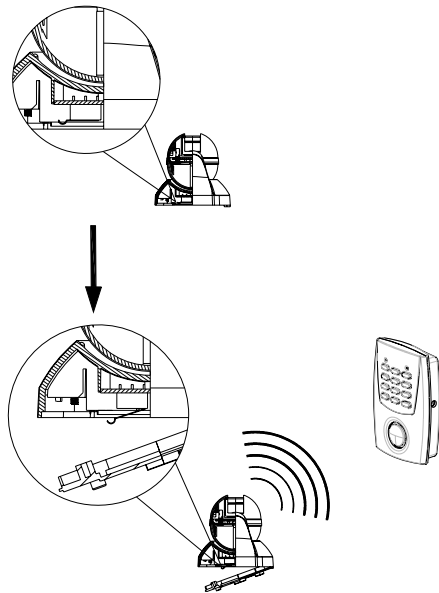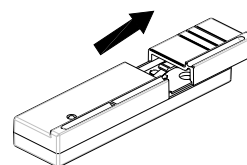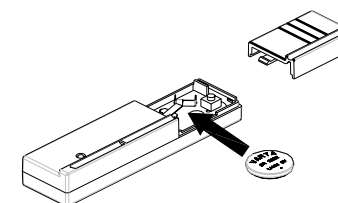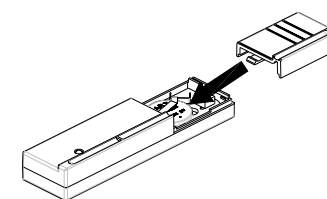

FIGURE 6

3. The Motion Detector is designed to detect movement within a protected area. The detector element detects differences in the infra red radiation when a person moves within the protected area. If movement is detected, a radio signal is transmitted to the EZ Alarm to activate the chime or alarm.

4. A LED is mounted inside of the Motion Detector. The indication of LED represents the following status:

	Status	LED indication
1	Motion Detector is emitting radio signal	Illuminating steadily
2	Low battery	Flashing every 30 seconds

INSTALLATION

After the code learning procedure is completed, hold the rear cover in position and mark the two mounting holes. Drill the holes, insert the plastic wall plugs and screw the rear cover to the wall using the screws supplied. Offer the Detector up to the rear cover using screws as originally supplied. (FIGURE 7)
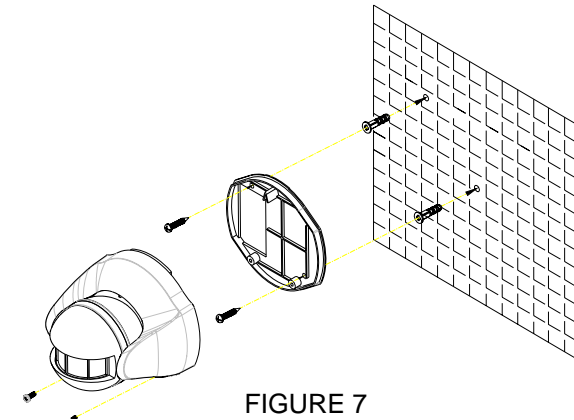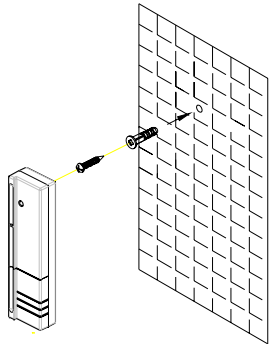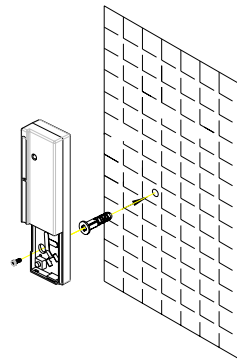

FIGURE 7

Note: After replacing the batteries by refitting the rear cover, wait for 10 seconds for the detector to become stable.

# Door/Window Contact Detector
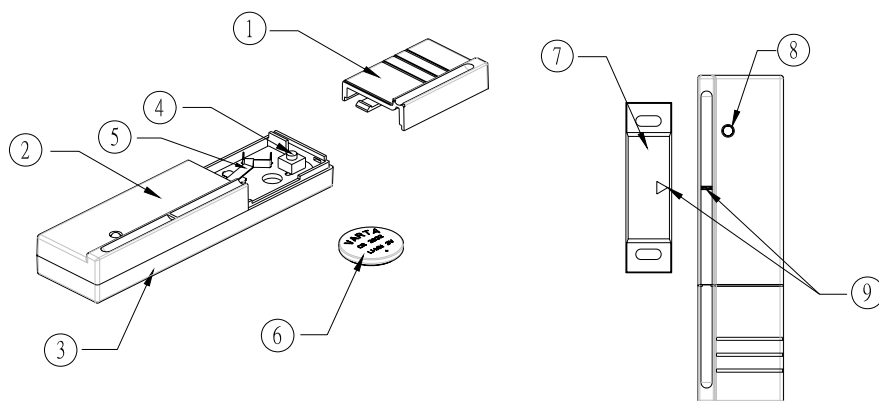
① Battery Cover	⑥ Battery
② Front Cover	⑦ Magnet
③ Rear Cover	⑧ LED
④ Tamper Switch	⑨ Arrow
⑤ Battery clip	

Door/Window Contact Detectors can be fitted to protect doors or windows. If the protected doors or windows are opened, a radio signal will be transmitted to the EZ Alarm.

Before fixing the detector to a metal door/window check the radio range.   It may be necessary to space the Magnet/Detector off the metal surface using a plastic or wooden spacer to achieve the necessary radio range.

Fix the Detector and Magnet to the opening using either the double sided tape or screws provided. Mount the Magnet to the door and the Detector to the door frame (or vice versa, if necessary).   Ensure that the arrows on the Magnet and Detector are pointing towards each other and that the gap between the Detector and the Magnet is less than 12mm. (FIGURE 8)
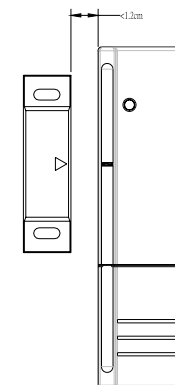
FIGURE 8

LOADING THE BATTERY

1. Remove the battery cover by sliding off. (FIGURE 9a)
2. Fit the 3V Lithium battery supplied, with the positive (+) facing upwardly. (FIGURE 9b)
3. Refit the battery cover. (FIGURE 9c)

FIGURE 9a   FIGURE 9b   FIGURE 9c

SETTING

1. There is an ID code that is fixed ex-factory and cannot be adjusted.
2. Emitting the ID code:
   Step 1: Fit the battery.
   Step 2: Set the EZ Alarm to the code learning mode.
   Step 3: Press the tamper switch for more than 3 seconds on the Detector.
   Step 4: If the EZ Alarm has a long beep, the code learning is successful and can start operating. If not, it implies that the code learning is failure.
   Step 5: Starting from Step 2 to re-try.

OPERATION

1. Upon opening the battery cover, the tamper switch will be triggered. A radio signal will be emitted to the EZ Alarm immediately.
2. The EZ Alarm will sound for 30 seconds and be silent for 45 seconds as a cycle. Such a cycle will be repeated for 10 times, of which duration takes about 12-13 minutes.
3. Separating the magnet from the Detector, a radio signal will be emitted to the EZ Alarm for chime alerting or alarming.
4. The indication of LED represents the following status:

	Status	LED indication
1	Door/Window Contact Detector is emitting radio signal	Illuminating steadily
2	Low battery	Flashing every 30 seconds

INSTALLATION

1. Choose a position to drill a hole, insert the plastic wall plug and fix a screw on the wall. Hang up the Detector on the screw. (FIGURE 10a)
2. Knock out the groove adjacent to the battery compartment and insert the screw to fix the Detector on the wall. (FIGURE 10b)
   Note: Ensure that the screw is driven flush with the inside of the casing hole.

FIGURE 10a   FIGURE 10b

Note: After replacing the battery by refitting the battery cover, wait for 10 seconds for the detector to become stable.

Remote Controller
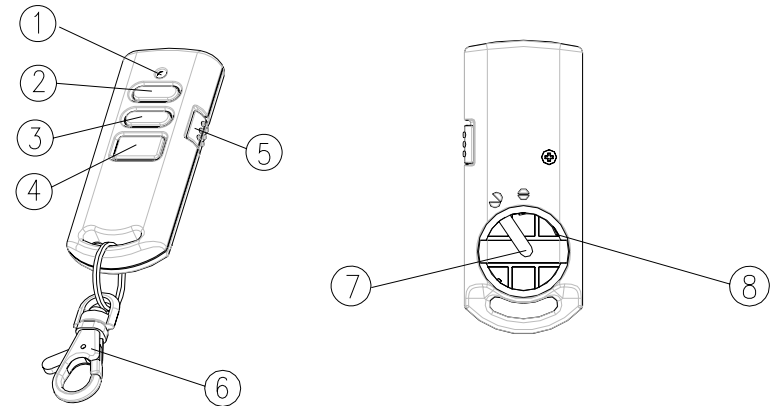
①	LED indicator	⑤	Chime
②	Instant Arm	⑥	Key Chain Ring
③	Delay Arm	⑦	Negative Polarity
④	Disarm	⑧	Positive Polarity

The Remote Controller is designed to control a series of O-net products, such as EZ Alarm (SE131) and EZ Alarm with Dialer (SE132).

The Remote Controller adopts a CR2032 type Lithium cell which under normal conditions will have typical life in excess of 1 year. There are four buttons, each of which will be transmitted instant arm, delay arm, disarm and chime radio signal.

LOADING THE BATTERY

1. Remove the rear cover with a coin.

2. Insert the battery ensuring that the +v terminal faces upwards away from the PCB.

9
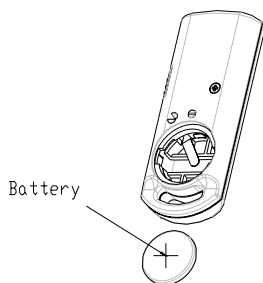
3. Replace the rear cover.

EMITTING THE ID CODE

In order to communicate with the EZ Alarm (SE131) and EZ Alarm with Dialer (SE132), it is essential that the same ID code is used between the Receiver and Transmitter.

Set the receiver to the ID code learning mode. Pressing and holding the [🔓] button on the Remote for 3 seconds will emit the ID code to the receivers. The procedure for learning the ID code by the receiver is clearly described on the Receiver's manual.

OPERATION

Remote's operating status	Remote's RF transmission	Receiver's operating status
Press the (🔒) button and LED on	Instant arm	Instant arm
Press the (🔓) button and LED on	Delay arm	Delay arm
Press the 🔔 button and LED on	Chime	Chime
Press the [🔓] button and LED on	Disarm/Learn	Disarm/Learn
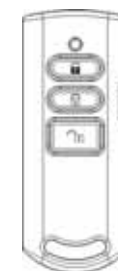
Pressing the [🔓] button instantly will emit disarm signal, while exceeding 3 seconds, the ID code will be transmitted to the Receivers.

The LED will be on and radio signal will be transmitted simultaneously when pressing any button on the Remote Controller.

TROUBLESHOOTING

Symptom	Possible Cause	Recommendation
Motion Detector not working	Run out of battery	Replace a new battery
	Check if mounting location of detector is proper	Adjust mounting location
	Radio interference	Remove interference source or change mounting location
Door/Window Contact not working	Check if the arrows on the magnet and detector are pointing toward each other and that the gap is less than 12mm	Adjust their position and gap
	Run out of battery	Replace a new battery
	Code has not been learned	Proceed "code learning" with the EZ Alarm
Press button on the Remote, LED not illuminating	Reverse battery polarity	Refit the battery
	Run out of battery	Replace a new battery
After the batteries are inserted to EZ Alarm, the Status LED flashes once	Either phone number or ID code has not been programmed	Both of phone number and ID code have to be programmed as

every 3 seconds		prerequisite
No alarm message when dialer dials up the preset phone number	Message has not been recorded	Record the alarm message
	Pick up the phone before 30-second playing duration is out	
Abnormal status on EZ Alarm after putting the batteries	Liable to be false alarm	Press any keypad for at least 10 seconds before putting the batteries
No response with the EZ Alarm	Check if learning the ID code has been processed	Proceed "code learning" with the EZ Alarm
	Check if the procedure of learning the ID code is correct	Proceed "code learning" with the EZ Alarm

Important: For wide expandability, the EZ Alarm is compatible with the following transmitters of O-Net series, serving as a receiver.

Door/Window Contact Detector (SM101)

Wireless Motion Detector (SP101)

Chime Remote Button (SR101)

Wireless Motion Detector (SP122)

Door/Window Contact Detector (SM122)

PIR Sensor Lantern Transmitter (ED101)

Remote Transmitter (SR102)

The Wireless Motion Detector, Door/Window Contact Detector and Remote Controller are compatible with the following receivers of O-Net series, serving as a transmitter.

Portable RF 2-tone Sounder (SE101)

On/Off Receiver (B410N, AN121)

Dimmer Receiver (B410D, AD121)

Lantern Receiver (ED102)

EZ Alarm (SE131)

EZ Alarm with Dialer (SE132)

The member of O-NET series is on the increase. Visit our website www.everspring.com for update information.

SPECIFICATION

	SE132	SP101	SM101	SR132
Frequency range	315MHz or 433 MHz			
Battery	1.5V AA type x 4	1.5V AAA x 2	3V CR2032 x 1	3V CR2032 x 1
Communication Range	70 meters min. (in an open space)			

Specifications are subject to change without notice. A501111084R

Federal Communication Commission Interference Statement

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 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.

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.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Warning:
Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities.

Contact your local government for information regarding the collection systems available.

If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being.

When replacing old appliances with new once, the retailer is legally obligated to take back your old appliance for disposal at least for free of charge.