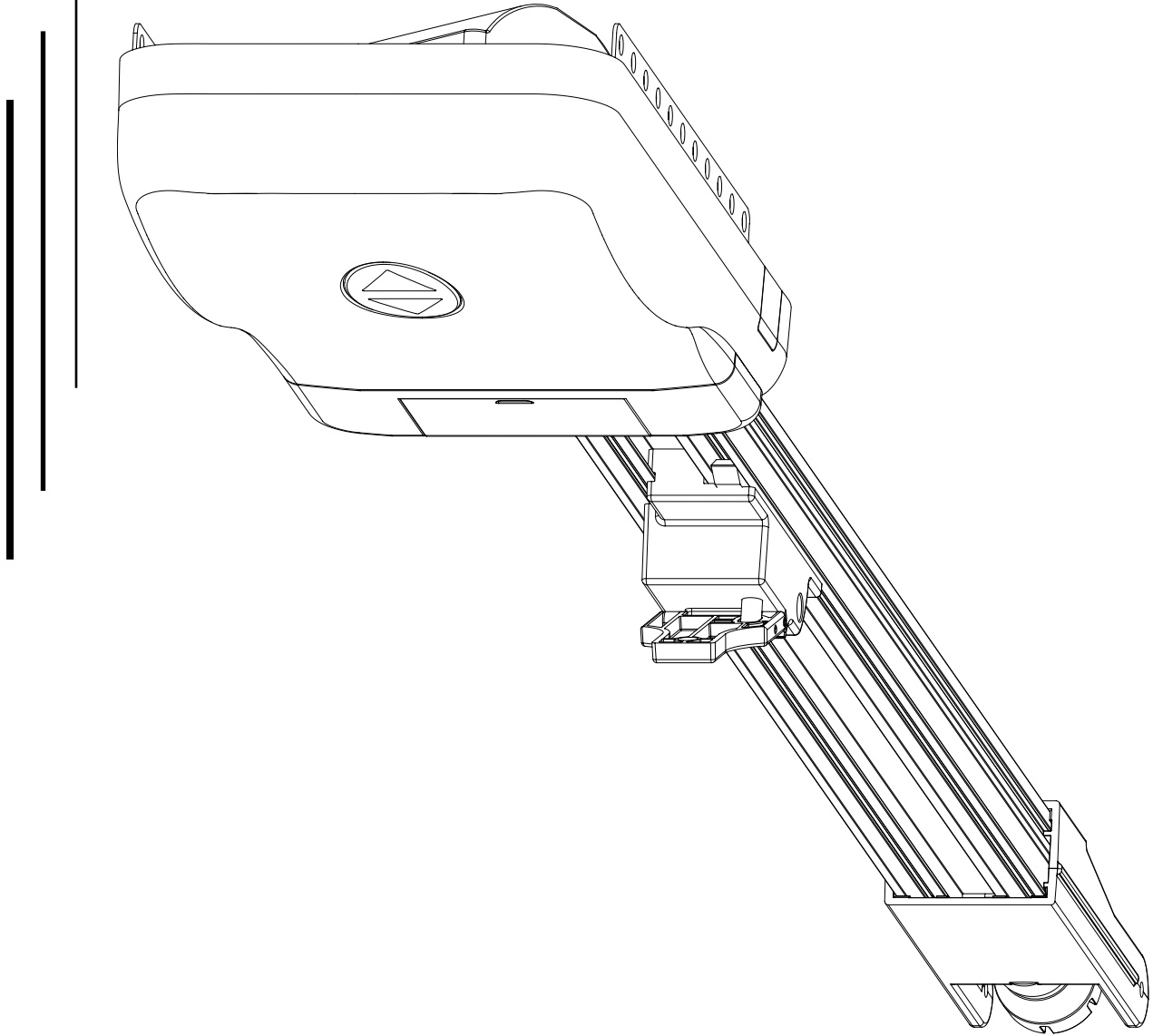


# Smart Lifter Nano

## Sectional Door Opener



**WARNING:** IT IS VITAL FOR THE SAFETY OF ALL PERSONS INSTALLING AND USING THIS OPENER TO FOLLOW THE INSTALLATION INSTRUCTIONS AND SAFETY WARNINGS. FAILURE TO COMPLY MAY RESULT IN SERIOUS PERSONAL INJURY AND/OR PROPERTY DAMAGE AND FAILURE OF THE OPENER SYSTEM.



**OWNERS MANUAL**

# Important Safety Warnings

**WARNING: IT IS VITAL FOR THE SAFETY OF ALL PERSONS INSTALLING AND USING THIS OPENER TO FOLLOW THE INSTALLATION INSTRUCTIONS AND SAFETY WARNINGS. FAILURE TO COMPLY CAN RESULT IN SERIOUS PERSONAL INJURY AND/OR PROPERTY DAMAGE AND FAILURE OF THE OPENER SYSTEM.**

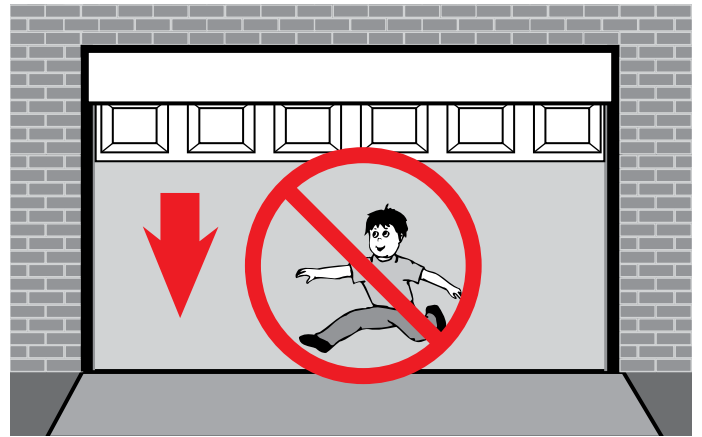


Look for this Safety Alert Symbol (left). This symbol indicates a potential personal safety hazard that can result in serious personal injury or death and/or property damage.

A garage door is the largest moving object in the home. With the installation of your Smart Opener product your door is now operated by an electric door opener. Proper installation, operation, **maintenance**, and testing of the garage door and automatic opener are necessary to provide safe, trouble-free operation.

An improperly adjusted garage door or automatic opener can exert deadly force when the door closes. This could lead to serious injury or death from being hit by a closing garage door or from being trapped under the door.

A few simple precautions can protect your family and friends from potential harm. Please take a few minutes to read the following safety tips.



Do not stand or walk under a moving door!

Do not let children or adults play “beat the door.” It is dangerous and can result in serious injury or death. Adults should set a good example. Know how to use the manual emergency release in case someone is pinned by the door.



The door opener is not intended for use by young children or infirm persons without adequate supervision. Young children should be supervised to ensure that they do not play with the equipment. Do not let children play with or use the transmitters or remote controls.

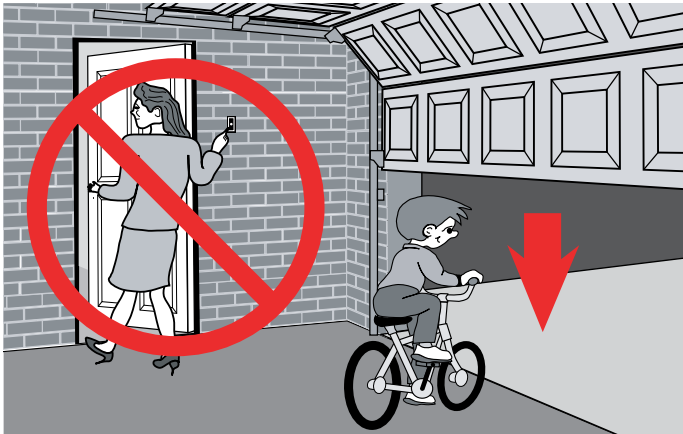
Always place and store them out of the reach of children.



The push button wall control should be out of reach of children and mounted a minimum of 1.5m from the floor and away from all moving parts. Install and use the button where you can clearly see the moving garage door.

Garage door openers are not toys.

*Careless operation and allowing children to play with or use garage door opener controls can lead to tragic results. Discuss garage door safety with your children. Explain the danger of being trapped under the door.*



When using the push button or transmitter, keep the door in sight until it completely stops moving.


Teach children never to play under or near an open garage door. **DO NOT** operate the garage door opener when children/persons are near the door. Children must be supervised near the garage door at all times when the door opener is in use.





Teach children to keep their hands and fingers clear of guides and other door parts.


Contact with a moving door or its hardware could cause injury. These injuries can also happen with garage doors that don't have automatic openers.


# Important Safety Warnings


 For **ADDITIONAL SAFETY** protection Smart Openers **STRONGLY** recommend the installation of Photo Electric Safety Beams. In most countries Photo Electric Safety Beams are mandatory on all garage doors and gates fitted with automatic openers. For a small additional cost Smart Openers recommends that Photo Electric Beams be installed with the automatic opener ensuring additional safety and peace of mind.


 Regularly check to make sure that the **SAFETY REVERSING SETTING** is working correctly, and is **TESTED** (by placing a 50mm high object on the floor) and set as per the installation instruction manual. Failure to follow these instructions may result in **SERIOUS PERSONAL INJURY**, property damage and/or death. This test must be repeated at regular intervals and the necessary adjustments made by a qualified Smart Openers technician as required.


 The opener should be installed so that it is protected from the weather. It should not be exposed to moisture or rain. Immersion in water or spraying directly or indirectly by a hose or other water carrying device will render the product beyond repair and may lead to electric shock.


 The garage door must be **WELL BALANCED**. Sticking or binding doors must be repaired by a qualified garage door installer prior to installation of your Smart Opener .


 Frequently examine the door. **DO NOT** attempt to repair the door yourself as door hardware is under extreme tension. Contact with the door can cause **SERIOUS PERSONAL INJURY**, property damage and/or death.


 Only **EXPERIENCED** Smart Openers service personnel should remove covers from your smart opener.


 Only connect the garage door opener to a properly **EARTHED** general purpose 240V mains power outlet installed by a qualified licensed electrical contractor.


 **REMOVE THE POWER CORD** from mains power before making any repairs or removing covers.


 If the power supply cord is cut or damaged, it **MUST** be replaced immediately by a SMART OPENERS service agent or suitably qualified person.

 **REMOVE OR RENDER INOPERATIVE** all garage doors locks and mechanisms prior to installation of your smart opener.

 When using auto close mode, a **PHOTO ELECTRIC BEAM** must be fitted correctly and tested for correct and safe operation at regular intervals. **EXTREME CAUTION** is recommended when using auto close mode. **ALL SAFETY RULES** in the installation and owners manuals must be followed to avoid serious injury, property damage and/or death.

 In order for the garage door opener to **SENSE** an object coming in contact with the door, some **FORCE** must be exerted on the object. As a result the object, door and/or person may suffer **DAMAGE or INJURY**.

 Make sure that the door is in full view and fully open before driving in or out of the garage.

 Make sure the door is in full view and fully closed before leaving the driveway.

To the extent that they may be lawfully excluded, Smart Openers Pty Ltd hereby expressly excludes all conditions and warranties, statutory or otherwise, which may be implied by law as conditions or warranties of purchase of a Smart Openers Pty Ltd Garage Door Opener. Smart Openers Pty Ltd hereby further disclaims and rejects to the maximum extent permitted by law any liability or responsibility whatsoever for any direct, indirect, consequential, incidental or other injury, damage, cost, expense or loss whatsoever incurred or suffered by any person, company, firm or organization as a result of any failure to install the Garage Door Opener in accordance with these installation instructions.

## Using Your Opener

Congratulations on choosing the Smart Lifter Nano remote control garage door opener from Smart Openers Pty Ltd.

Once the Smart Opener has been installed you must be familiar with how it works and all the safety issues that can arise by owning a garage door with an automatic opener.

If used and maintained correctly your opener will give you many years of trouble free convenience. Remember your garage door and opener is probably the most often used mechanical item in your house and nothing could be more convenient than pressing a button and driving into your garage in the pouring rain and closing the door behind you. Remote control convenience is often overlooked but performs a major role in your day to day activities.



Fig. 1

## Using Your Transmitter

Your Smart Pet Transmitters should be factory preset with BUTTON 1 operating the garage door. If you have more than one garage door or other devices such as gates, courtesy lights or an alarm that utilise the Smart Pet then your installer will have allocated other buttons for those operations.

To open your door using the transmitter press the allocated button briefly. Each press will cycle through open-stop-close. If you do not press the button the door will automatically come to a gentle stop once it reaches the set travel limit.

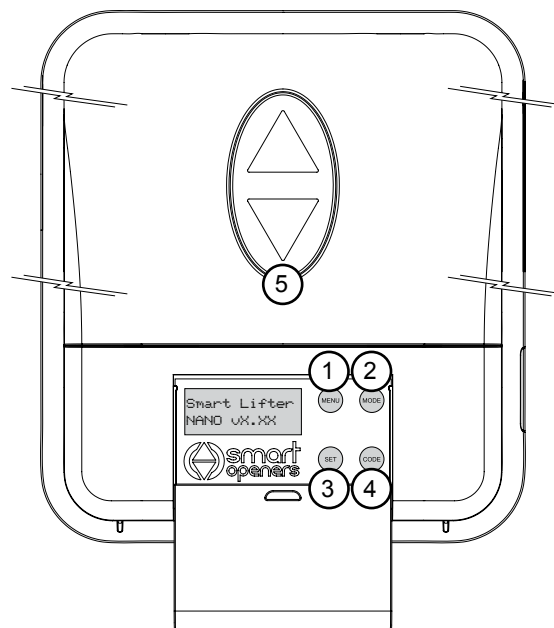


Fig. 2

## Your Control Panel

- 1 Menu Button** - used to access set up menu and change parameters.
- 2 Mode Button** - used to save changes and exit to normal operation.
- 3 Set Button** - used to save settings and move to next function.
- 4 Code Button** - used for coding transmitters.
- 5 PB (Push Button)** - used to operate the door. (Open/Stop/Close).

## Manual Operation

Your Smart Opener is equipped with a manual disengagement device to enable you to open and close the door in case of electrical failure, system malfunction or fire. (Fig 2)

### 2.1 For Manual Operation

Pull the red cord in a gentle downward direction and at the same time use your spare hand to move the door in the direction you require. Do not use excessive force. If excessive force is used on the cord it may result in damage to the disengagement mechanism. Before disengaging the door to manual operation make sure power is off.

### 2.2 To Re-engage the Door

Your Smart Lifter is equipped with an automatic re-engagement mechanism. You can either engage it by moving your door manually until it locks into the chain joiner otherwise use your transmitter to engage the opener automatically (providing there is power available).

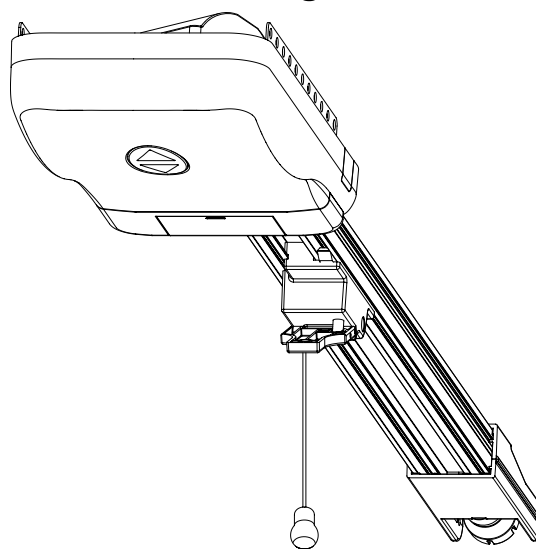


Fig. 3

**IMPORTANT: IF YOUR ONLY ENTRY TO YOUR GARAGE IS VIA THE GARAGE DOOR, SMART OPENERS STRONGLY RECOMMEND THE FITTING OF AN EXTERNAL KEY RELEASE DEVICE.**

## Coding Transmitters

- 1 Press the CODE BUTTON for 2 seconds the display will show Code Learn (See Fig.3).
- 2 Press the same button on the transmitter twice.

The first press will allocate a number to the remote and the display will show REMOTE XXX, on the second press the display will show CODE SET. The transmitter has now been coded and the security code stored in the memory on board.

- 3 Press the transmitter to see if it operates the door.

Repeat the above steps to code additional transmitters.

**Note:** Up to 20 transmitters can be stored into memory. If more than 20 transmitters are stored the system will disregard the additional attempts to code new transmitters.

### REMOTE TRANSMITTER CODING

It is possible to code new transmitters via an already coded remote without being in contact with the control panel. This is useful if more than one device is operated by the transmitter. This also takes the guess work out of button allocation as this is done automatically.

- 1 Press TX BUTTON 3 and 4 together for 2 seconds.
- 2 Press any button on new transmitter twice. (Fig 7)
- 3 Test new transmitter to confirm.

### DELETING ONE TRANSMITTER

It is possible to delete one specific transmitter without clearing the entire memory of the opener or having the transmitter on hand. This is useful if the transmitter is lost or stolen and the transmitters reference number is known.

- 1 Press and hold the CODE BUTTON for 5 seconds.
- 2 The display will show Del Remote XXX (Fig. 8).
- 3 Press MODE BUTTON to scroll to required transmitter number.
- 4 Press CODE for 3 secs to delete.

### DELETING ALL TRANSMITTERS

- 1 Press and hold the CODE BUTTON for 5 seconds.
- 2 Press MODE BUTTON to scroll through until the display shows Del Remote ALL.
- 3 Press CODE for 3 secs to delete.

## Activating Vacation Mode

This is useful for locking out operation while away from the property for prolonged periods.

- 1 Press and hold the MENU BUTTON for 10 seconds.
- 2 If the door is open it will allow a final close cycle only and remain closed until vacation mode is disabled.

### DISABLING VACATION MODE

- 1 Press and hold the MENU BUTTON for 10 secs or press transmitter buttons 1 + 2 together for 10 secs. (Fig. 19).

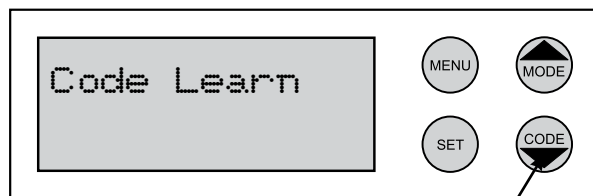


Fig. 4

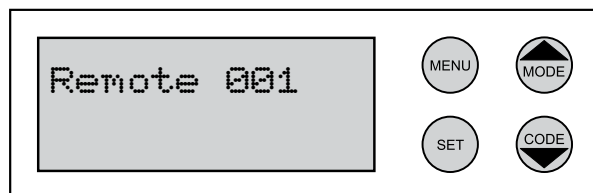


Fig. 5

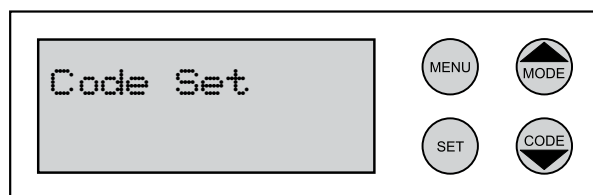


Fig. 6

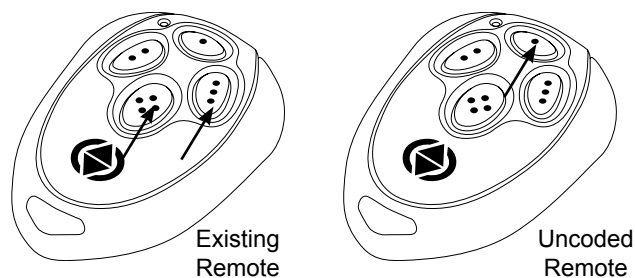


Fig. 7

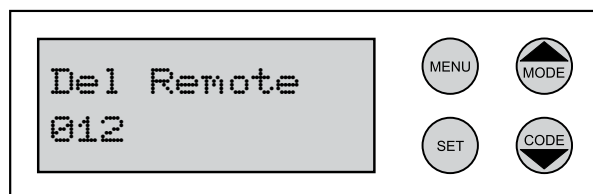


Fig. 8



Fig. 9

# Checking the Safety Reversing System

Perform this inspection at least every 3-6 months

- 1 Open the door fully. Place a 40mm high piece of timber on the floor in the doorway to act as an obstruction.
- 2 Close the door onto the obstruction. The door should pause momentarily then reverse. If the door does not automatically reverse contact your installer for service and adjustment.

Failure to have the reversing system functioning correctly may lead to serious personal injury and /or property damage.

## Periodic Check & Maintenance

**IMPORTANT:** In the case of a malfunction the user must call an authorised Smart Openers Pty Ltd installer and should not attempt to repair it.

Your garage door opener like any mechanical device requires periodic maintenance and checking to make sure the door and opener is not only functioning correctly but safely as well.

It is often the most overlooked device in the home but probably requires the most attention than any other device in the home.

**IMPORTANT:** A poorly operating door can effect the life of the automatic opener due to incorrect loads and will void the warranty.

Check the reversing sensitivity at least twice a year. If the opener requires excessive force to make it reverse

## Technical Specifications

Power Input:	240 VAC ±10% 50Hz
Motor:	24V DC 120W
Courtesy light time:	3 minutes
Working temperature:	-20° ~ 70°C
Relative Humidity:	<90%
Open and close force:	250N
Reception frequency:	433.22MHz
Storage Capacity:	20 Transmitters
Decoding:	Rolling code
Transmitter power:	27A 12V Battery
Courtesy Light:	LED Array

**NOTE:** Smart Openers Pty Ltd reserves the right to modify its product and product specifications at any time without prior notice.

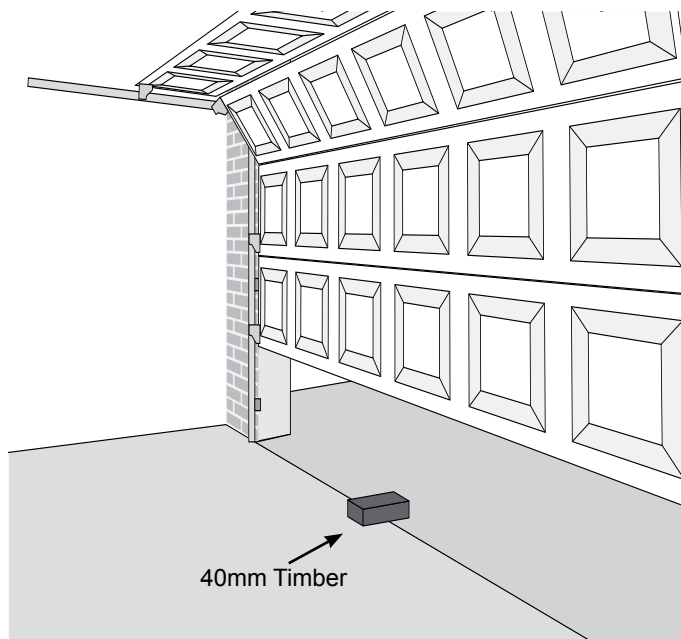


Fig. 10

the system is considered unsafe and requires immediate service by a qualified smart opener installer. Do not attempt to rectify the problem yourself.

Make sure that the safety devices are working effectively (photo beams, etc.) If not functioning correctly the system is considered unsafe and requires immediate service by a qualified smart opener installer. Do not attempt to rectify the problem yourself.

The door and door opener is a extremely dangerous device which can lead to serious personal injury and /or property damage and/or death. Fatalities have occurred in the United states and other parts of the world by consumers attempting to rectify problems themselves.

# Warranty and Exclusion of Liability

1. This warranty is an addition to any conditions or warranties that are implied by relevant statute, including the Trade Practices Act 1974 (Cth), which cannot be excluded or negated.
2. Subject to all of the matters set out below, **Smart Openers Pty Ltd** ("**Smart Openers**") warrants:
  - (a) swing and sliding gate opener drive units for twelve (12) months
  - (b) roll-up and overhead door opener drive units for twenty four (24) months
  - (c) all components and accessories for twelve (12) months, from the date of purchase (specified in the sales docket receipt) as free of any defects in material and workmanship.
3. This warranty applies only where the purchaser:
  - (a) immediately notifies **Smart Openers** or the retailer of the alleged defect;
  - (b) returns the product to **Smart Openers** or the retailer; and
  - (c) presents the relevant sales docket and this warranty document to the retailer and, if so requires, to **Smart Openers** to confirm the date of purchase.
4. Defects or damage partly or wholly due to any of the following causes are not covered by this warranty:
  - (a) accidental damage to any of the Product or to the Product's components;
  - (b) normal wear and tear to the Product or to the Product's components;
  - (c) flood, rain, water, fire, lightning, storms, any acts of God, contamination or pollution;
  - (d) incorrect, improper, inappropriate or unreasonable maintenance and/or use;
  - (e) installation, adjustment or use which is not in accordance with the instructions set out in installation instructions incorporated in the document;
  - (f) attempted or complete modification or repairs to the Product or tampering with the Product carried out by a person who is not authorised by **Smart Openers** to carry out such modification or repairs;
  - (g) faulty or unsuitable wiring of structure to which the Product is fixed or connected;
  - (h) radio (including citizen band transmission) or any electronic interference;
  - (i) blown fuses or damage caused by electrical surges, power surges or power spikes;
  - (j) damage caused by insects or any infestation;
  - (k) negligence or deliberate damage.
5. Except for this warranty, **Smart Openers** gives no warranties of any kind whatsoever (whether express or implied), in relation to the product, and all warranties of whatsoever kind relating to the product are, to the extent permissible by statute, hereby excluded and negated.
6. To the extent permissible by statute, **Smart Openers** disclaims any liability of whatsoever nature in respect of any claim or demand for loss or damage which arises out of:
  - (a) accidental or deliberate damage to, or normal wear and tear to, the product or to the product's components;
  - (b) any cost relating to damage resulting from wear and tear;
  - (c) blown fuses, loss or damage caused by electrical surges, power surges or power spikes;
  - (d) loss or damage due to theft, fire, flood, rain, water, lightning, storms, any acts of God, contamination or pollution;
  - (e) door or gate not in safe and correct working order and condition;
  - (f) evidence of unauthorised repairs;
  - (g) any cost relating to damage caused deliberately or by misuse, negligence or failure to maintain the equipment in a proper working order, including (without limitation) due to anything described in paragraphs (d) and (e);
  - (h) installation, adjustment or use which is not in accordance with the instructions set out in installation instruction manual and owners manual;
  - (i) attempted or complete modification or repairs to the Product or tampering with the Product carried out by a person who is not authorised or has not been trained by **Smart Openers** to carry out such modification or repairs;
  - (j) faulty or unsuitable wiring of structure to which the Product is fixed or connected;
  - (k) radio (including citizen band transmission) or any electrical interference;
  - (l) damage caused by insects or any infestation;
  - (m) loss or damage to any property whatsoever or any loss, damage or expense whatsoever resulting or arising therefrom;
  - (n) any consequential, indirect, special or incidental loss or damage;
  - (o) any cost or expense arising due to manufacturer recall of any product;
  - (p) any cost or expense due to negligence of the approved service provider;
  - (q) installation of a residential garage door or gate opener in a commercial or industrial situation or a non-single residential dwelling.
7. **Smart Openers** liability under this warranty is limited, at **Smart Openers** absolute option, to replacing or repairing the product which **Smart Openers**, in its unfettered and absolute opinion, considers to be defective either in material and/or workmanship or to credit the dealer with the price at which the product was purchased by the dealer.
8. This warranty does not extend to cover labour for installation.
9. This warranty is limited to Return-to-Base (RTB) repair and does not cover labour for on-site attendance.
10. This warranty is void if the Product is not returned to the manufacturer in original or suitably secure packaging.
11. This warranty is only applicable for repairs to the Product carried out within Australia and for Product in Australia.
12. This warranty does not cover consumable items including globes, batteries and fuses.
13. This warranty is not transferable.
14. Where the Product is retailed by any person other than **Smart Openers**, except for the warranty set out above, such person has no authority from **Smart Openers** to give any warranty or guarantee on **Smart Openers** behalf in addition to the warranty set out above.

## Notes:

1. This warranty is to be read in conjunction with the installation manual and owner's manual.

## Smart Openers Pty Ltd

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