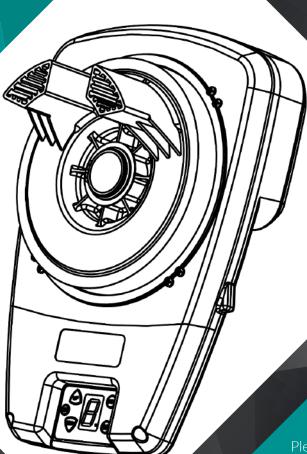


# ROLLING GARAGE DOOR OPENER

INSTRUCTION MANUAL



#### **WARNING**

Please read the manual carefully before installation and use. The installation of your new door opener must be carried out by a technically qualified or licensed person. Attempting to install or repair the door opener without suitable technical qualification may result in severe personal injury, death and / or property damage.



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7.14 Install the Flash Light

## 1. NEW INSTALLATION SAFETY WARNING



**WARNING** indicates **Electrical Hazard** exists which will result in personal injury if the instructions are not followed.



**WARNING** indicates a **hazardous situation** which, if not avoided, could result in death or serious injury.



**Keep Garage Door Balanced.** Do not let the garage door opener compensate for a binding or sticking garage door. Sticking, binding or unbalanced doors must be repaired before installing this opener.



Do not allow children to play near the door.



Wireless wall controls should be placed in a location where the garage door is visible away from moving parts, at a height of at least 1.5m and out of the reach of children.



Frequently examine the door installation. Examine cables, springs and mountings for any signs of wear, damage or imbalance. Do not use if repair or adjustment is needed. Springs and Hardware are under extreme tension and a fault can cause serious personal injury.



Do not allow children to operate push buttons or transmitters.



Serious personal injury from a closing garage door may result from misuse of the opener.



Remove all ropes, chains and locks connect to the garage door prior to installation to avoid serious injury from entanglement.



DO NOT wear loose clothing, watches or jewellery whilst installing or servicing a garage door opener. Wear gloves and suitable protective clothing where appropriate.



The safety reverse system testing is extremely important. Your garage door MUST reverse on contact with a 40mm obstacle placed on the floor. Failure to properly adjust the opener may result in serious injury from a closing garage door. **Repeat this test once a month and** 



**Installation and wiring** must be in compliance with your local building and electrical codes.



The opener must not be used on a wicket door (door within a door).



This appliance should not be used by children or persons with a reduced physical, sensory or mental capability, or a lack of experience and knowledge.

make any necessary adjustment.



**Automatic Drive** – Keep away from the area of the door as it may operate unexpectedly.



After Installation, ensure that the parts of the door do not extend over public footpaths or roads.



The Protector Systtem (Safety Beams) must be used for all installations where the closing force as measured on the bottom of the door is over 400N (40 gf). Excessive force will interfere with the proper operation of the safety reverse system or damage the garage door.



Safety Beams MUST be fitted correctly and tested for operation regularly where Auto-Close mode is activated.



Permanently fasten the warning labels in prominent places, adjacent to wall controls and manual release mechanisms as a reminder of safe operating procedures.



Activate opener only when the door is within full view, free of obstructions and the opener is properly adjusted. No one should enter or leave the garage whilst the door is in motion.



Disconnect Power and Batteries before making repairs or removing cover. ONLY experienced service personnel should remove covers from the opener



If the power cable is damaged, it must be replaced by the manufacturer, its service agents or similarly qualified persons in order to avoid hazard.



This opener should not be installed in a damp or wet space exposed to weather.

Note: If this garage has no pedestrian entrance door, the emergency access device should be installed. This allows manual operation of the garage door from outside in case of a power failure.



**WARNING!** This product includes wireless transmitters and wall controls that contain coin/button cell batteries.

#### KEEP BATTERIES OUT OF REACH OF CHILDREN.

Never allow children to replace button batteries on any device. Swallowing or placing inside any part of the body may lead to severe or fatal injuries in as little as 2 hours or less due to chemical burns and potential perforation of the oesophagus.

If you suspect your child has swallowed a button battery or placed inside any part of the body immediately call the POISONS INFORMATION CENTRE on 13 11 26 for prompt advice. If your child is having any difficulty breathing, contact 000.

Dispose of used button/coin batteries immediately and safely. A battery can still be dangerous even when it can no longer operate the device. Place sticky tape around both sides of the battery and dispose of it immediately out of reach of children in an outside bin or recycle safely.

For more information please review the button battery safety information available on the Australian Competition & Consumer Commission (ACCC) website.

## 2. KIT CONTENTS

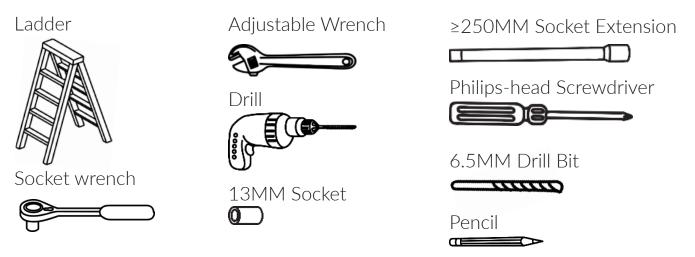
#### **STANDARD**

- 1 x LEXO Roller Door Opener
- 2 x Remotes
- 1 x Manual
- 1 x Weight Bar
- 1 x Clutch Pull Rope
- 1 x Warning Label

#### **OPTIONAL**

- 1 x Wall Switch
- 1 x Extension Pole Bag

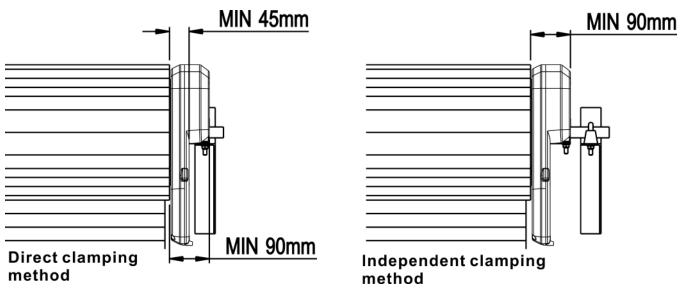
## 3. TOOLS REQUIRED



## 4. SET-UP REQUIREMENTS

Install in a dry, protected area away from the weather. (Moisture or corrosion are not covered by Warranty).

The maximum allowable door height is 5.5m



The door must be made of continuous corrugated sheet construction and spring balanced

Door Axle diameter must not exceed 35mm

Ensure that there is at least 45mm from the edge of the curtain to the edge of the bracket.

Ensure there is a power point near the opener. Portable Power Generators are not recommended.

If the roller door drum is on the edge of the curtain or is a smaller diameter, additional clearance may be required.

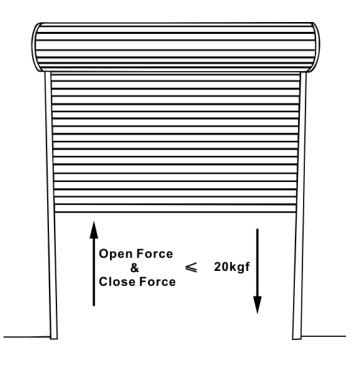
If the drum is more than 60mm from the curtain edge or of a smaller diameter, an extension pole kit may be required (section 5.7)

## 5. DOOR PREPARATION

## 5.1 Testing the door

Complete the following test to ensure that your door is well balanced, and not sticking or binding.

- Disable all locks and remove any ropes connected to the garage door.
- Lift the door to about halfway and then release it. The door should remain spring balanced.
- Raise and lower the door to determine if there are any sticking or binding points (20kgf is the absolute maximum allowable to raise or lower the door in any position).



- Clean the Guides of any oil or wax built up
- Install locking bar covers if there are locking bar holes in the guides. This ensures fingers cannot be placed in the holes while the door operates
- Place included warning label so they are visible on the inside of the door

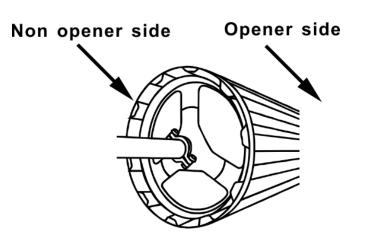
If your door does not hold in place or the door binds or sticks, have your roller door attended to by a qualified technician before installing the Roller door opener.

## 5.2 Installing the Stop Collar

 Install the stop collar on the opposite end to where the opener is going to be installed.

ie – Right hand installation – Stop Collar will be on the Left Hand side.

- Fit the stop collar hard against the boss of the door drum.
- Ensure the U-Bolt holding the door shaft to the door bracket is tightly secured.



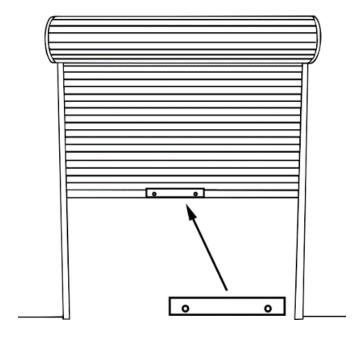
Note: Do not proceed with installation until Stop Collar is installed correctly to the drum.

## 5.3 Installing the Weight Bar

If your roller door has a handle, a weight bar is required to be installed prior to installing the motor.

#### Garage door has existing handle:

- Remove the Handle, Nuts and Bolts.
- Place the weight bar over the handle holes in the centre of the door on the inside.
- Insert Extended Bolts through the weight bar
- Fasten handle back in place



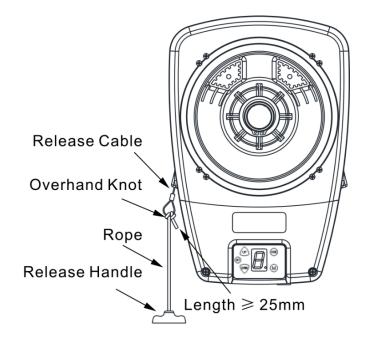
#### Garage door has no handle

- Place the Weight Bar in the centre of the door (as shown)
- Mark two hole positions using a pencil
- Drill 2 x 6.5mm holes through the two marked positions
- Place weight bar on the inside of the door
- Use the Bolts and Nuts (provided) to fasten the weight bar in place.

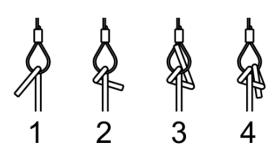
#### 5.4 Install the Release Handle and Cord

- Thread one end of the rope through the hole in the top of the red release handle so that "NOTICE" reads right side up
- Secure with an overhand knot at least 25mm from the end of the rope to prevent slipping.
- Thread the other end of the rope through the loop of the manual release cable.
- Adjust rope length so the handle (when installed) will be no higher than 1.8m above the floor.
- Secure with an overhand knot.

Final adjustment of handle height should be completed after the opener is installed. If it is necessary to cut the rope, heat seal the cut end to prevent unravelling.



## **Overhand Knot**



## 5.5 Operating the Manual Release

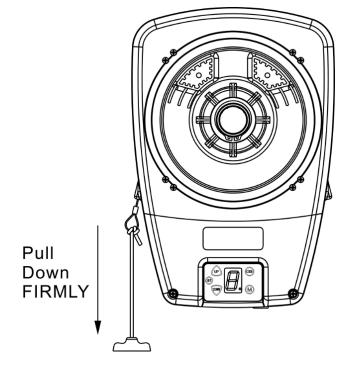
#### Disengaging the Opener

Pull the release cord down firmly

#### Re-engage the opener

Pull the release cord down firmly

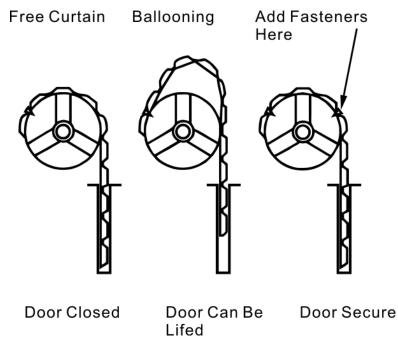
Disable all locks and remove any ropes connected to the garage door. Take care when operating the manual release as an open door may fall rapidly due to weak or broken springs or being out of balance.



## 5.6 Pinning the Door

Pinning the rolling garage doors curtain to the drum maintains security when the opener is closed and can affect the safety reversal response. If the curtain is not pinned the door can be partially opened manually.

- Close roller door fully
- Place self tapping metal screws or rivets where the curtain leaves the roll.
- Secure these through the curtain into the drum wheel at each end of the roll.
- After determining the correct fastener location as shown, lift the door approximately half a turn from the closed position to allow access for drilling.

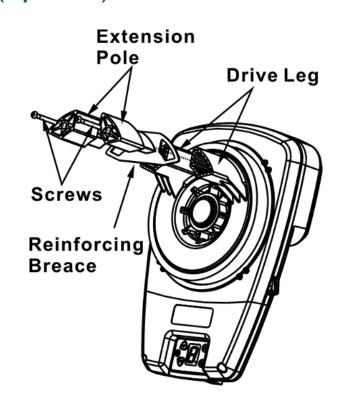


## **5.7 Attaching Extension Poles (Optional)**

This accessory in not included in standard package.

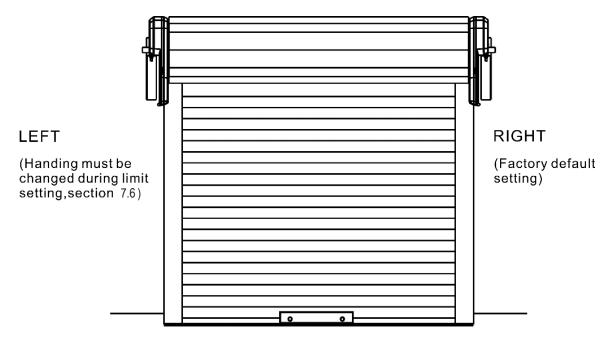
- Align the extension pole holes with the drive legs.
- Slide the reinforcing brace over the poles.
- Insert the extension poles into the drive leg and fix in place using screws provided.

Reinforcing brace MUST be used.



## 6. INSTALLATION PROCEDURE

Do not allow people to walk underneath or around the door during the installation process as serious injury can occur.



Inside garage looking out

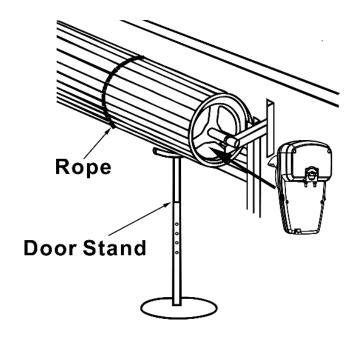
Note: The opener can be installed on either side of the door. The following instructions are for RIGHT HAND INSTALLATIONS (as illustrated ie. Inside the garage looking out). For left hand installation, reverse the instruction terminology (eg. LEFT FOR RIGHT etc).

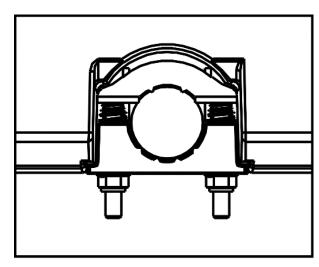
## 6.1 Preparation

- Place the opener in manual release mode (refer Section 5.5)
- Open the roller door fully. For safety, tie a rope around the door to hold the door in place.
- Ensure the door axle U-BOLT and door mounting bracket on the left hand side (non-opener) are securely fastened.
- Support the door with a door stand or similar device to safely support the door.
- Rope Door Stand
- Mark the position of the door shaft on the right hand door bracket (for reassembly purposes).
- While the door is supported, remove the right hand axle U-Bolt and door mounting bracket from the wall.

## 6.2 Install the Opener

- Slide the opener over the door axle and engage the drive legs into the door drum wheel, either side of a spoke. Extensions may be necessary (refer to Section 5.7).
- Refit the door mounting bracket to the wall. If the door bracket needs to be relocated due to opener width. Refer to Section 4.
- Clamp the opener on the door axle and door bracket in the marked position using the clamp assembly supplied (tighten to 25-28Nm).
- If side room exceeds 95mm clamp independently to the door axle as illustrated in Section 4.
- Remove all ropes and the support stand.
- Check the operation of the door in manual mode by raising and lowering by hand. It should operate smoothly without sticking or binding. The disengage handle should already be attached less than 1.8m above the floor (refer to Section 5.1 and 5.4).





Tighten To 25-28Nm

## 6.3 Connect the power

- Position the power cable away from the door curtain and any moving parts.
- Plug the opener into a nearby power point and turn ON
- The opener courtesy LEDs should turn ON
- The opener must now be programmed for:
  - o Door Travel Limits (Section 7.2)
  - o Right or Left Hand operation (Section 6)
  - o Force Setting (Section 7.3)

## 7 Basic Function Setting and Applying

## 7.1 Coding Transmitters

Coding Transmitter to Receiver

- Press and Hold on "CODE" button for 1 second until the LED dot is on
- Press button on Transmitter once, the LED dot will go off.
- Press button again, LED dot will flash fast 8 times.

This receiver has the capacity to store 20 positions within its memory.

**Note:** If the LED display flashes "F" and returns to standby mode this indicates that the memory storage is full.

Deleting ALL Remotes

• Press and Hold "CODE" button for more than 8 seconds, LED flashes "C" to confirm memory cleared.



**WARNING!** This product includes wireless transmitters and wall controls that contain coin/button cell batteries.

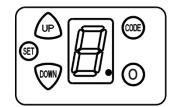
#### KEEP BATTERIES OUT OF REACH OF CHILDREN.

Never allow children to replace button batteries on any device. Swallowing or placing inside any part of the body may lead to severe or fatal injuries in as little as 2 hours or less due to chemical burns and potential perforation of the oesophagus.

If you suspect your child has swallowed a button battery or placed inside any part of the body immediately call the POISONS INFORMATION CENTRE on 13 11 26 for prompt advice. If your child is having any difficulty breathing, contact 000.

Dispose of used button/coin batteries immediately and safely. A battery can still be dangerous even when it can no longer operate the device. Place sticky tape around both sides of the battery and dispose of it immediately out of reach of children in an outside bin or recycle safely.

For more information please review the button battery safety information available on the Australian Competition & Consumer Commission (ACCC) website.



## 7.2 Travel Limits Setting

- Press and Hold on "SET" button for 3 seconds until the LED flashes "1"
- Press "SET" button again for 1 second.

#### "1" should now display as steady (not flashing).

- Adjust the up limit by pressing "UP" button.
- Fine-tune by using "UP" or "DOWN" button to determine the final up limit position

#### The LED flashes "n" or "u" during opening or closing

• Press "SET" button,

"2" should now display on LED automatically

- Adjust the Down Limit by pressing "DOWN" button
- Fine Tune by using "UP" or "DOWN" button to determine the final down limit position.

The LED flashes "n" or "u" during opening or closing

• Press "SET" button,

The opener will operate a cycle automatically to remember the limit positions and the original opening and closing force, then return to standby mode.

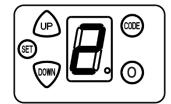
#### **Troubleshooting:**

During opening if the open stops suddenly and flashes "H" or "C", this indicates there is no hall signal or the opener is overloaded.

During opening, if the door stops suddenly and flashes "\(\mathbb{Z}\), "C", "O". "L" for 5 seconds, this indicates there is no hall signal, overload, overtime, wrong limit setting.

#### 7.3 Force

- Press and hold on "SET" button until the LED flashes "1".
- Press "UP" or "DOWN" button until LED flashes "2"
- Then press "SET" button.



It is now under force adjustment mode. The LED displays the current set force.

• Press "UP" button to increase the force and "DOWN" button to decrease the

force.

• Press "SET" button to confirm, then the opener returns to standby mode.



## 7.4 Accessories - Safety Beams

- Press and hold on "SET" button for 3 seconds until the LED flashes "1"
- Press "UP" or "DOWN" button until the LED flashes "3"



It is now under IR Beam setting mode. The LED displays the current setting.

- Press "UP" button the LED displays "1". This means the IR Beam Function is available.
- Press "DOWN" button the LED displays "0" to cancel this function.
- Press "SET" button to confirm.

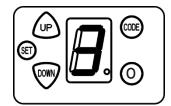
The opener returns to standby mode. The default setting of IR Beam is "O"

Note: Close the IR Beam function when you do not want to use IR beam sensors.

IR Beams are essential when using auto open/close function.

## 7.5 Auto-Close Setting

- Press and hold on "SET" button for 3 seconds, until the LED flashes "1"
- Press "UP" or "DOWN" to increase or decrease
- Adjust the LED to flash "4"
- Press "SET" button to enter into auto-close setting, the LED displays the current setting.
- Press "UP" or "DOWN" button to adjust the auto-close time.
- Press "UP" button once the auto-close time will increase 1 minute (maximum 9 minutes)
- Press "DOWN" button once, the auto-close time decrease 1 minute.



The auto-close function will be turned off when the LED displays "O"

• Press "SET" button to confirm – the opener returns to standby mode.

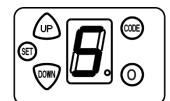
Note: The auto-close function can only be available when the door is fully open and the IR beam function is on.

The default setting is "O"

## 7.6 Installation Direction Setting

- Press and hold on "SET" button for 3 seconds until the LED flashes "1"
- Press "UP" or "DOWN" to increase or decrease
- Adjust the LED to flash "5" then press "SET" button.

It will display "R" or "L"



• Hold down the "UP" or "DOWN" button to switch if needed.

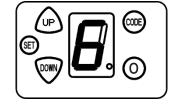
Choose the function which you need, press the "SET" button – LED displays the current setting.

L - Left Installation

R – Right Installation

## 7.7 Lock Door Setting (Optional Function)

- Press and hold on "Set" Button for 3 seconds until the LED flashes "1"
- Press "UP" or "DOWN" button to increase or decrease.



- Adjust the LED to flash "6"
- Press "SET" button to enter into lock door setting. The LED displays the current setting.
- Press "UP" button, the LED displays "1", the lock door function is on.
- Press "DOWN" button, the LED displays "O" the lock door function is off
- Press "SET" button to confirm, the opener returns to standby mode.

When the lock door function is on and the door is fully closed, the opener will lock the door automatically. The door can only be opened by transmitter, the light will flash twice when pressed.

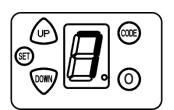


## 7.8 Half Open Setting (Optional Function)

- Press and hold on "SET" button for 3 seconds until the LED flashes "1"
- Press "UP" or "DOWN" button to increase or decrease. Adjust the LED to flash "7".
- Press "SET" button to enter into half-open setting,



• Press "UP" or "DOWN" button to increase or decrease.



When the LED display "1", the half-open height is 30cm.

When the LED displays "2" the half-open height is 60cm.

When the LED displays "3", the half-open height is 90cm

When the LED displays "0", the half-open function is off.

• Press "SET" button to confirm, the opener returns to standby mode.

If the half-open function is on, only when the door is fully closed, the door can half-open by the "S1" key on the transmitter. If the door is at other position, the "S1" key will not work.



### 7.9 Alarm and Maintenance Function

When the LED flash displays "A" an alarm has been actioned. The openers working circles exceed the maximum safety and need for maintenance.

## 7.10 Testing the Safety Reverse System

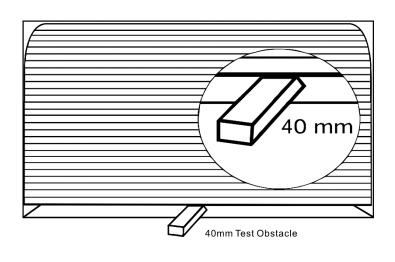
The safety reverse system test is IMPORTANT. The garage door MUST reverse on contact with a 40mm obstacle laid flat on the floor.

Failure to properly adjust the opener may result in serious personal injury

or property damage from a closing garage door.

Operate the door in the down direction. The door must reverse upon contact with the obstacle. If the door stops on the obstacle, remove obstacle and repeat limit and force setting (refer section 7.3)

Repeat the above test.



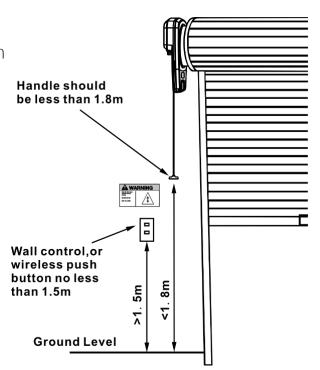
## 7.11 Fixing Warning Labels

Once you have completed your installation and successfully carried out the safety reverse system test (section 7.10), install the warning labels provided with your opener as shown.

The WARNING label must be installed in a prominent place near any fixed control.

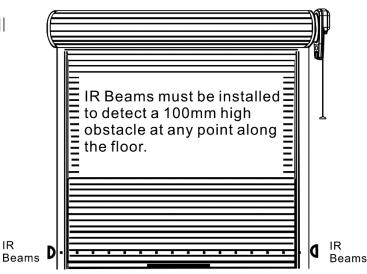
Any fixed wall control or wireless door control must be mounted at a height of no less than 1.5m out of the reach of children.

Read the safety instruction (Section 1) for further details

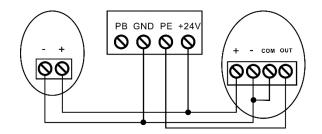


## 7.12 Installing IR Beams (Optional Accessory)

Note: This accessory must be used for all installations where the closing force as measured on the bottom of the door is over 400N (40kgf).



ENABLING THE PROTECTOR SYSTEM: (Section 7.4)



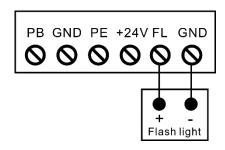
Warning: Door may operate unexpectedly, therefore it is important to not allow anything to stay in the path of the door.

## 7.13 Installing Universal Receiver

Install the line wall button and universal receiver as per below:

## 7.14 Install the Flash Light

Can only use 24V DC Flash Light



## **8 Home Owners Instructions**

Once the opener has been installed, the user must be informed about how it works and all the risks that can arise if it is used improperly. The user must avoid placing himself/herself in dangerous situations such as standing within the door's operating range when it is moving.

DO NOT let children play near the door, and keep the remote controls out of their reach.

All services, repairs or checks must be carried out by professional qualified persons, and noted on a maintenance register kept by the user.

IMPORTANT NOTE: In the case of a malfunction the user must call an authorised installer and should not attempt to repair it themselves.

## 9 Maintenance

A poorly maintained garage door could lead to fatal/serious injuries or damage to property. It is imperative that your Garage door is examined frequently, in particular the cables, springs and mountings for signs of wear, damage or imbalance.

DO NOT USE if repair or adjustment is needed. - A fault in the installation or

incorrectly balanced door may cause injury.

Fasteners - Check that all screws, nuts and bolts are secure

Spring Tension – Springs lose tension naturally. If the door becomes hard to operate or completely inoperative, contact a door professional

Guide Tracks – Clean the internal sections of the guide tracks every 3-6 months with a cloth dampened with mineral turps or methylated spirits.

Safety Beams - make sure that the safety devices are working effectively.

Sensitivity – Check the reversing sensitivity at least twice a year, and adjust if it is necessary.

Note: A poor operating door can affect the life of the automatic opener due to incorrect loads, and will voice your warranty. Failure to maintain your garage door may void the warranty on your garage door opener.

## DO NOT COMPLETE DOOR ADJUSTMENTS YOURSELF

Door adjustments should only be carried out by experienced persons, as this function can be dangerous if not performed under strict safety procedures.

#### 9.1 Service Schedule

Year/Approx Cycles	Date	Details
1 / 3,000		
2 / 6,000		
3 / 9,000		
4 / 12,000		
5 / 15,000		
6 / 18,000		
7 / 21,000		

## **10 Technical Specifications**

	RD1P1000A	RD1P1800A	
		+	
Opening Speed	200MM/S	130MM/S	
Max Lifting Force	1000N	1800N	
Rated Door Area	22 m2	28m2	
Max Door Weight	120kgs	300kgs	
Drum Rotations	5.5		
Davier Comple	220-240VAC	110VAC-127VAC	
Power Supply	50Hz-60Hz	50Hz-60Hz	
Motor Type	24V DC permanent magnet		
General Working Time	<60s		
Working Temperature	-20 - +50		
Transmitter Frequency	433.92MHz		
Coding Type	Rolling code		
Coding Combination	Over 4.29 billion		
Lights	24V / 12pcs LED bulbs		

## **11** Trouble Shooting

Fault appearance	Fault cause	Solutions
	1. Power supply	1. Check the power supply to openers.
Opener without any action	2. Plug wire is loose	2. Carefully open the motor cover, check all plug wire on control boards.
Opener doesn't work, LED displays "-"	Faulty learning of "UP" or "DOWN" travel limit	Learn "UP" and "DOWN" travel limit again follow the manual
	In operation with IR Beam.	
The door can only open, cannot close	Or IR Beam function is available but with no IR Beam connected.	Cancel the IR Beam function if there's no IR Beam connected. (follow the instruction manual)
Open and close action is reversed	Reversed connection of the positive and negative of motor wire to the control board.	* Power off firstly, open the motor cover and reverse the positive and negative of motor wire on the control board. Reset the travel limit.
Door auto reverse to full open before closed completely	In operation with safety reverse function. Because some old doors with not well balanced springs or there's some block	<ol> <li>Check the door springs or any blocks</li> <li>Re-set the travel limit.</li> <li>Increase the force value of safety reverse.</li> </ol>
Transmitter doesn't work	<ol> <li>Flat battery</li> <li>Antenna is loosed or not well extended</li> <li>Interference around nearby</li> </ol>	<ol> <li>Replace new battery</li> <li>Extend the antenna on the opener</li> <li>Get rid of interference</li> </ol>

Fault appearance	Fault cause	Solutions
Cannot match new transmitters	1. Memory is full	1. Press and hold on "CODE" button for more than 8 seconds until the LED flashes "C", delete all stored codes, then match new transmitters again.
	2. New transmitters are not compatible with opener	2. Choose our transmitters only.
LED displays "C", opener does not	1. Motor plug wire is loose	1. Re-insert motor plug wire
work	2. Control board is damaged	* 2. Replace new control board
LED displays "\(\pi\)", opener does not work	1. Motor is damaged	1.Pull the release cord down firmly.  * 2. Replace new motor
LED displays "\(\sum_{\text{a}}\)", after opener operates	1. Hall element wire plug loose between hall element and control board.	1. Check the wire plug
several centimeters only	2. Hall element or control board is damaged	* 2. Check the hall element * 3. Replace control board
The LED lamp flash,and displaying "A" flash	Opener working circles exceeds the maximum safety and need for maintenance	* Suggest you contact the maintainers to conduct security check
Note: Only the qualified professional person can carry out the maintenance marked with "*".		

## **12 Warranty**

#### **REGISTER ONLINE TODAY!**

Register your LEXO garage door opener to take advantage of convenient service and support at www.lexo.com.au/registeryourwarranty

This Warranty is given by LEXO Automation PTY LTD (ABN 98 611 890 843)

2/1 McRoyle Street, Wacol 4076 - warranty@lexo.com.au

**Please note:** This warranty is in addition to any statutory, non-excludable guarantees or warranty rights and remedies under the law. See Statutory Guarantees below.

This warranty applies to the original purchase ONLY and may not be transferred

This warranty is to read in conjunction with the owner's copy of the installation instruction manual.

In this warranty "LEXO Automation Representative" means an entity authorised by LEXO to service LEXO products.

#### 1. Making a Claim

The product parts should operate in accordance with the product manual for the time period shown, provided you comply with the manufacturer's instructions concerning installation, operation, maintenance and testing.

#### Failure to do so may void all or part of this warranty

If, during the relevant warranty period, a product part appears to contain a defect, call the retailer from whom you purchased the product. They will instruct you what to do next.

	RD1P1000A	RD1P1800A
Motor	5 Years, 15,000 Cycle	2 Years, 5000 Cycle
Transmitter and Accessories	2 Years	2 Years
Note: Consumables (eg Batteries, Light Bulb, and Fuses) are not covered by this		
warranty		

You are responsible for the cost of making a claim under this Warranty.

If a LEXO Automation Representative confirms the product is defective and covered by this warranty, LEXO will repair or replace it (at LEXO's sole option) at no cost to you. Goods presented for repair may be replaced or repaired by refurbished goods or parts of the same type.

Additional access expenses where the product is not readily accessible must be borne by you.

If the motor is found to have been damaged by installation error or poor operation the warranty will be voided and owner will be liable for cost of service technician and repairs.

#### 2. Warranty Conditions

It is a condition of this warranty that you:

- a) Provide a copy of the receipt of original purchase of the product, including serial number of the product which can be found on the label adhered to the product.
- b) Provide documentation that the product has been serviced, within 12 months of the installation and at regular intervals not exceeding 2 years and on each of these services, the garage door (with the installed motor) have been service by the door manufacturer or its authorised service agent.

#### 3. Warranty Exclusions

This warranty excludes any defects or improper operation resulting from:

- a) Excessive wear and tear that may cause the product to fail
- b) Accidental, deliberate or negligent damage or damage caused by insects, dirt, plants or other objects
- c) Blown fuses, electrical surges, power surges or power spikes or fault or unsuitable electrical wiring of structures to which the product is affixed.
- d) Theft, fire, flood, rain, water, lightening, storms or any other acts of god
- e) Salt or other corrosion due to environmental conditions

- f) Any installation, configuration or use of the product contrary to the instructions supplied } with the product
- g) Maximum continuous operating time exceeding 1 minute in 10 minutes
- h) The manual operating (opening and closing) force of the door by hand exceeding 20kg
- i) Door weight exceeding amounts of 120kg
- j) The door used with the product not being in safe working order and condition
- k) Any modification to the product or acts of any person in respect of the product which are not authorised by LEXO Automation and which impact product performance
- l) Installation of a residential garage door opener in a commercial or industrial premise or a dwelling other than a single-family dwelling.
- m) radio or electrical interference or lack of availability of signal.

#### 4. Other Conditions

- a) This warranty is not transferable
- b) The warranty period stated will not be extended for products or parts repaired or replaced during the relevant warranty period
- c) Where the product is sold by any person other than LEXO Automation, except for the 1 warranty set out above, such person has no authority from LEXO Automation to give any warranty or guarantee on LEXO Automations behalf in addition to the warranty set out above.

#### 5. Statutory Guarantees or Warranties in Australia

If you are a consumer under the Australian Consumer Law, out goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonable foreseeable loss or damage. You are also entitled to have the good repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. This warranty certificate and other statements contained in this document or other LEXO Automation documents given to you do not exclude, restrict or modify the application of all or any of the provisions of the Australian Consumer Law.

To the extent permitted by the Act or other laws, LEXO Automation

- a) Limits its liability for breach of a statutory guarantee to the payment of the cost of replacing the product or acquiring an equivalent product and
- b) Expressly excludes any liability for consequential loss and incidental or indirect damages (including but not limited to damaged for loss of business profits, income, business, goodwill or reputation, or business interruption) due to a defect of the product.

