

### 1. Functions

**Micro intellectual control** — One button to control open, stop and close. The light will turn on while opening or closing the door, three minutes later the light will turn off automatically. This unit is equip to take the function of photo beam, auto-close, lock door, etc. This unit has safety force settings, the door will pause momentarily then rebound when it is obstructed during the closing operation. This unit has functions to protect itself in the case of overload or over heating.

**DC motor** — Low noise, soft start, slow stopping to protect the unit and make sure it can be used for a long time.

**LED display** — Working situation can be shown on the LED screen.

**Decoding** — Rolling code.

**Manual Disengagement** — Open and close the door by hand without power.

**Optional Functions** — Photo beam, battery backup, wall button and Remote keypad.

**Special protection function** — Travel time protection.

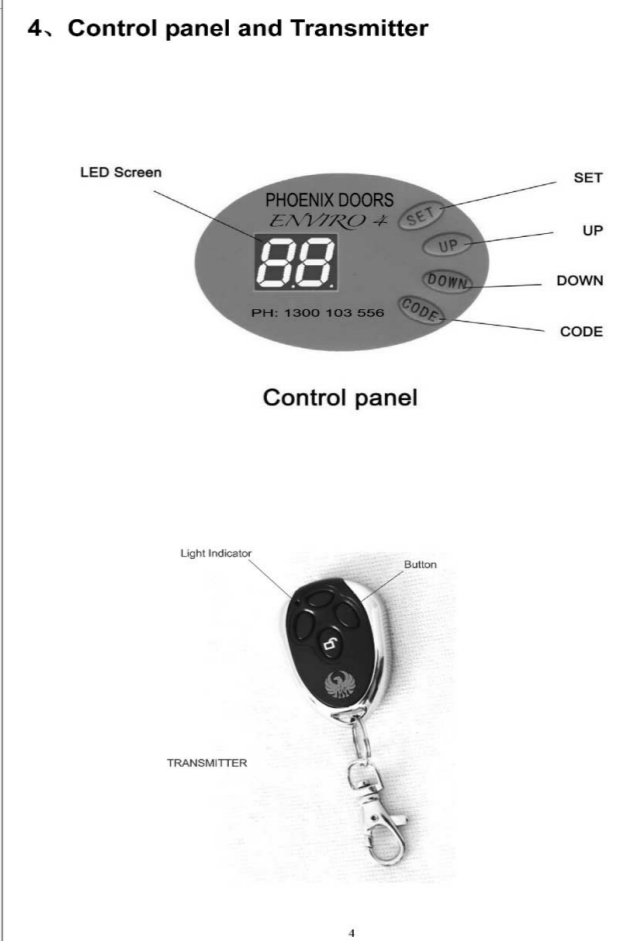
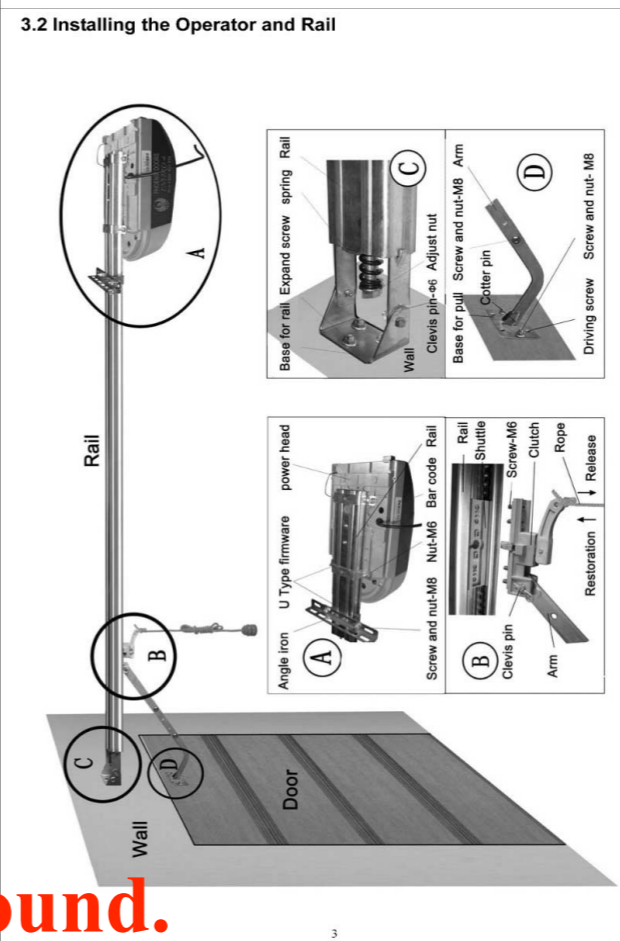
### 2. Technical Specifications

Power input	220V AC±10% 50-60Hz	Reception	433.92MHz
Motor	24V DC	Decoding	Rolling code
Working temperature	-20-50°C	Transmitter	27A 12V Battery
Relative Humidity	±90%	Globe	24V 5W
Open and close force	600N, 800N, 1000N, 1200N	Courtesy light	3 minutes

### 3. Installation

#### 3.1 Recommended Tools

NO.	Tools
1	Drill
2	Step ladder
3	Ratchet
4	Tape measure, Carpenter's level
5	Screw driver
6	Pliers
7	Neon-electroscope, multimeter
8	Adjustable wrench
9	Hammer



**Uses Smart Lifter Remotes I have found.**

### 6. Programming the Operator

#### 6.1 Preparing

**6.1.1** Make sure the shuttle is locked, pull or push to confirm the shuttle has connected with the chain/belt.

**6.1.2** Turn on the power, the courtesy light will light up for several seconds, at the same time, the LED displays the number from 99 to 11. Then the operator turns to standby.

Turn on the power, LED displays from 99 to 11 → at last, it displays "--"

#### 6.2 Setting Open and Close Positions

Press and hold SET → until it displays "P1", press UP → it displays "OP". When the door has reached the open position, press SET

It displays "CL", then press DOWN → it displays "CL". When the door has reached the closed position, press SET → The door will now open and close automatically to map the open and close sensitivity force requirements.

→ It displays "--" to show setting is complete.

#### 6.3 Self Learning Transmitter

**6.3.1** When the unit has stored 20 codes, LED will flash "Fu", preventing coding mistakes, it is necessary to cancel all stored codes.

When it displays "Fu", press and hold CODE, the dot flashes, until it displays "dL", all the codes will be cancelled

#### 6.3.2 Adding or Changing Transmitters

Press CODE → It displays "Su", press a button on the transmitter, then release and press the same button again, the dot will flash, then it displays "--" to show setting is complete.

Repeat up steps to code a maximum of 20 different transmitters' and/or buttons.

#### 6.4 Force Adjustments

If the door meets with an obstruction it will rebound back to the open position, if it overloads it will stop. To set force adjustments

Press and hold SET → it displays "P1", press SET once, it displays "P2", press SET again to show the current situation. Press UP to increase the force one degree and press DOWN to decrease one degree. Maximum degree is "F9" and minimum is "F1". Press SET to confirm. The default setting is "F5".

#### 6.5 Photo Beam

Press and hold SET, it displays "P1", press UP twice, it displays "P3". Press SET to show currently situation. Press UP once it displays "H1", the photo beam is enabled.

Press down once, it displays "H0", the photo beam is now disabled. Press SET to confirm and quit.

**Note: If you do not have Photo Beams installed please make sure this is turned off.**

#### 6.6 Auto-close Time

Press and hold SET → it displays "P1", press UP three times, it displays "P4". Press SET to show current situation → Press UP once to increase the Auto-close 10 seconds and press DOWN once to decrease 10 seconds.

Maximum degree is "90" and minimum is "10" → Press SET to confirm, and the system quits from the setting of the automatic closing → Finally, Returns to the stand-by situation →. The default setting is 10 seconds.

#### 6.7 To set Auto Close function

Press and hold SET → it displays "P1", press UP four times, it displays "P5". → Press SET to show currently situation. Press UP once it displays b1 and Press DOWN once it displays b0.

→ Finally, press the SET It displays "--" to show setting is complete.

**Note: b0** The automatic-closing does not work. The transmitter can stop the opening door. The stopped door will go downward (close). The closing door will go reversely. The mode sequence: opening - stop - closing - opening b1 The automatic-closing will work at the any position after the set time. For the opening door, the transmitter can not work. After pressing the transmitter, the fully opened door will close. The closing door will go reversely after pressing the transmitter.

Phoenix Garage Doors  
PO Box 480  
Helensvale, Queensland  
Australia, 4212

Please register your warranty at:  
[www.phoenixgaragedoors.com.au](http://www.phoenixgaragedoors.com.au)