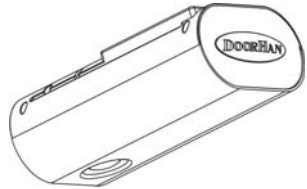




SECTIONAL - 750(1200)
INSTALLATION MANUAL

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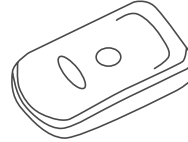
1. Opener (1x)



2. Manual (1x)



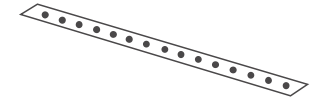
3. Wireless Wall Control (1x)



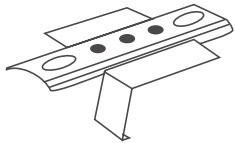
4. Curved Door Arm (1x)



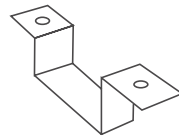
5. Mounting Strap (1x)



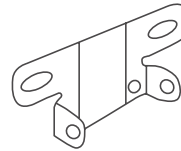
6. Support Bracket (1x)



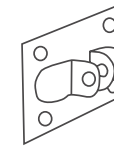
7. "U" Bracket (3x)



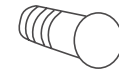
8. Header Bracket (1x)



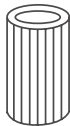
9. Door Bracket (1x)



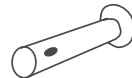
10. 6x15 Hexagon Head Driving Screw (8x)



11. Plum Offset Ring (1x)



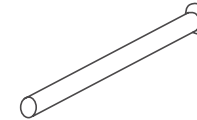
12. 8x25 Inserted Pin (1x)



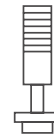
13. 3x20 Cotter Pin (1x)



14. 6x8 Screw with Hexagon Nut (1x)



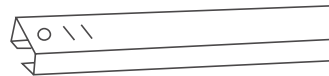
15. 6x80 Expanding Screw (6x)



16. 8x20 Screw with Hexagon Nut (4x)



17. Pre-Assembled Rail



Intelligent Computerized Control

Intelligent computerized precise travel positioning; timely force detection, reversion occurs when obstacles are met.

Motor

Smooth noise, smooth start, slow stop protect the motor and ensure a long service time.

Self Diagnosis

Operational Mode and digital menu are displayed on the control

Cryptoguard

Rolling code technology provides billions of code combinations and makes every remote control a unique one that protects against unauthorized access

Alarm Device

The alarm will sound if the door is left opened for over 10 minutes. The alarm stops when the door is closed again. (Refer to f-7 on P.14)

Emergency Release

The door can be manually operated by pulling down the emergency release rope in case of power failure. (Refer to C-4 on P.8)

Additional Safety Device

Safety further ensured with additional accessory photocells. (Refer to E on P.10)

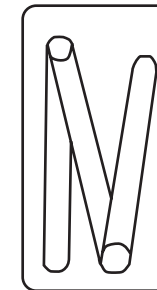
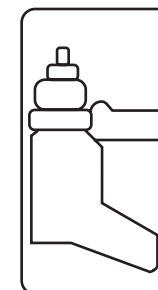
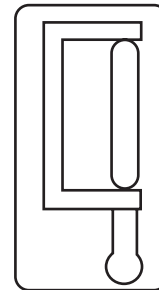
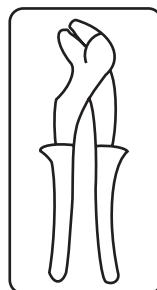
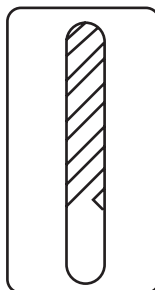
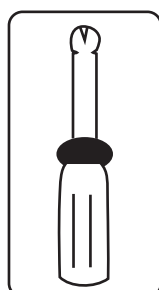
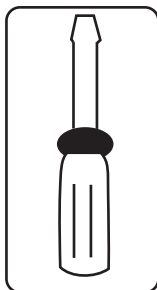
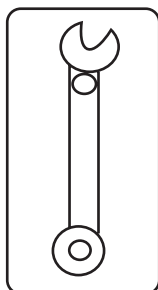
Automatic closing door

The automatic closing time of the door can be set from 30 seconds to 240 seconds. (Refer to F-8 on P.14)

2000 cycles alarm

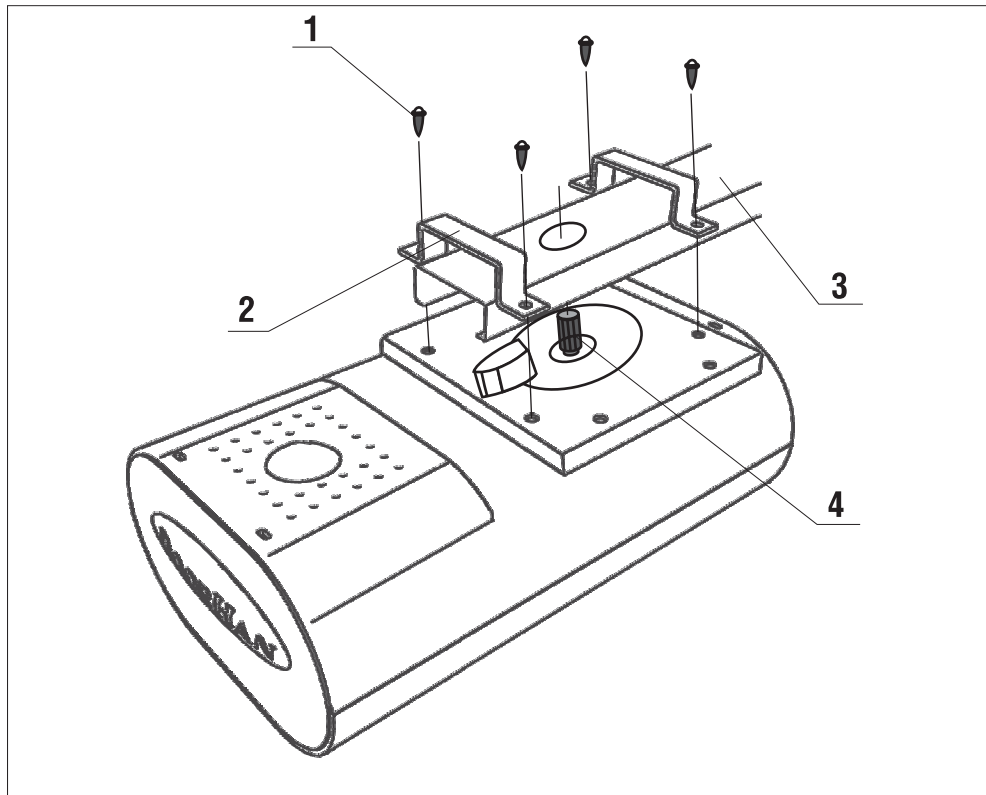
When the operator has run 2000 cycles, it will beep to remind the user to maintain the mechanical system. (Refer to F-9 on P.16)

3.1. Essential Tools

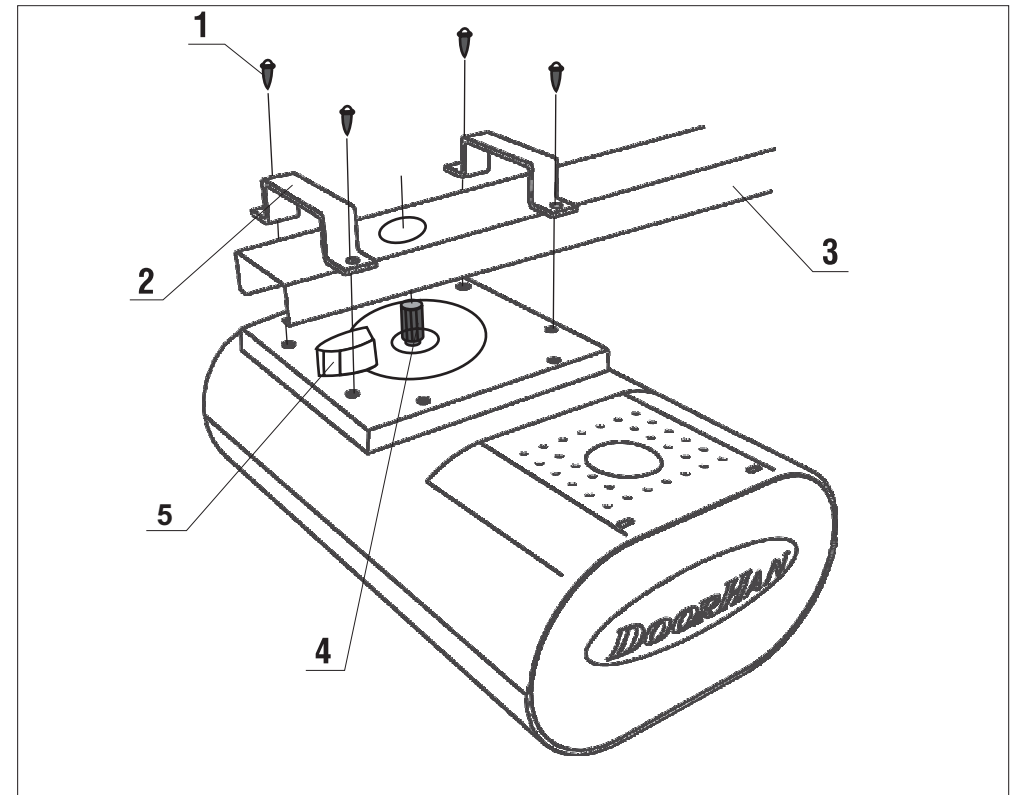


The special one with a micro switch should be mounted referring to the figure below

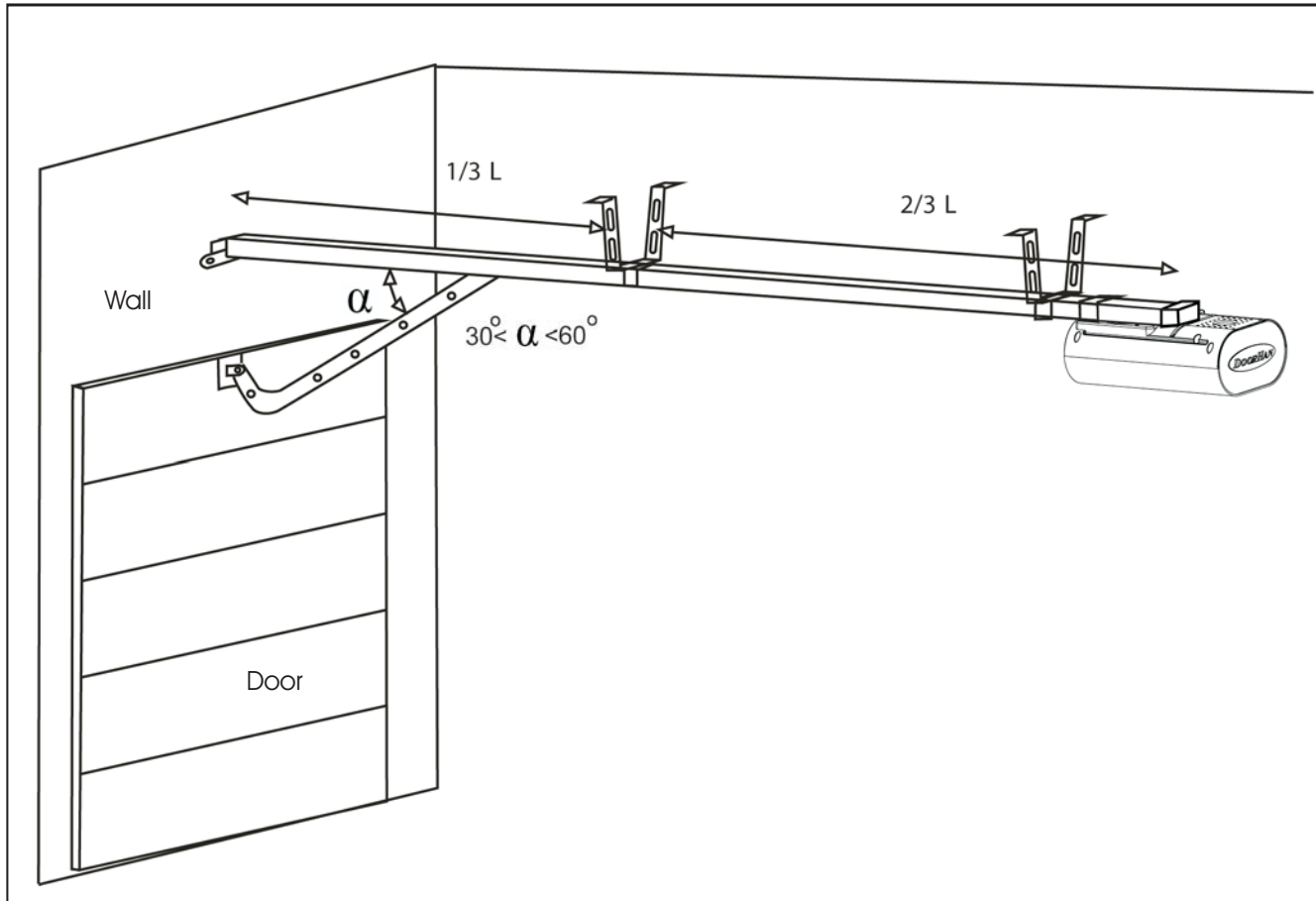
1. 6x15 Driving screw
2. U Type bracket
3. Rail
4. Spline bushing



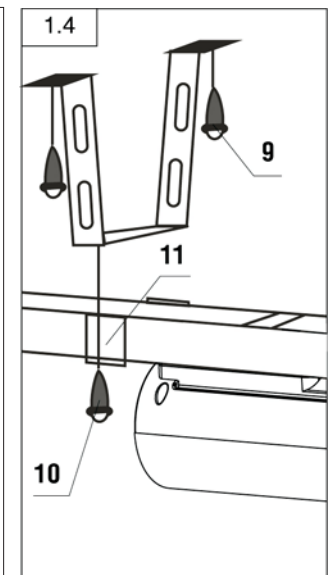
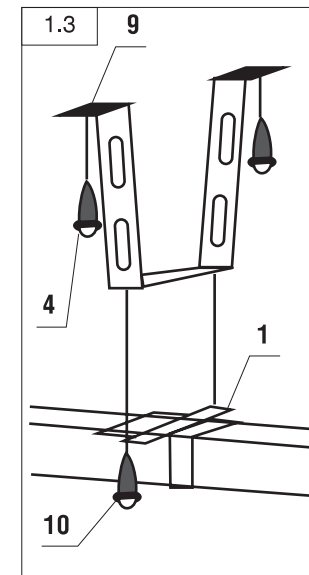
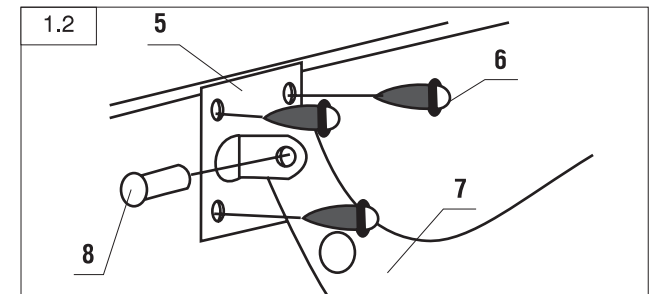
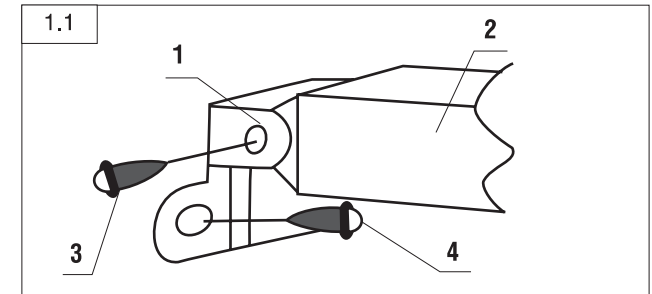
1. 6x15 driving screw
2. U Type bracket
3. Rail
4. Spline bushing
5. Micro switch



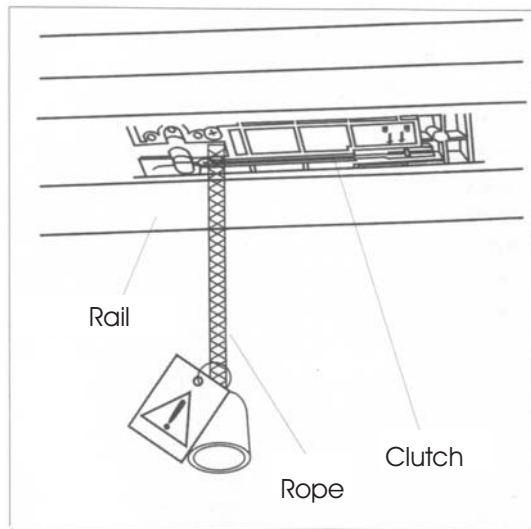
C-3 How To Fix The Body And The Rail



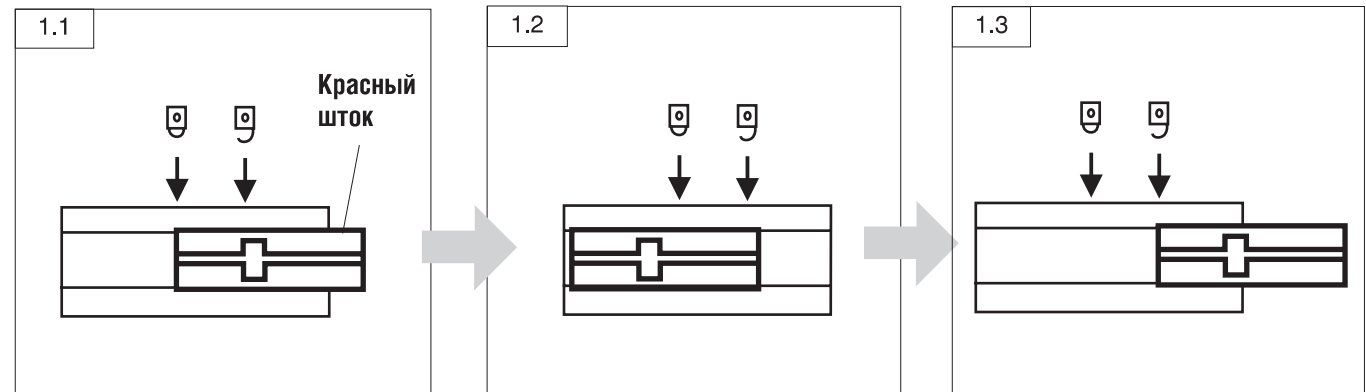
- | | |
|------------------------|-----------------------|
| 1 — Header Bracket | 7 — Curved Door Arm |
| 2 — Rail | 8 — 8x25 inserted pin |
| 3 — 6x80 screw | 9 — Flat iron |
| 4 — Expand screw | 10 — 8x20 screw |
| 5 — Door Bracket | 11 — U Type Bracket |
| 6 — 6x15 driving screw | |



C-4. How To Open The Door Manually



In the case of power failure



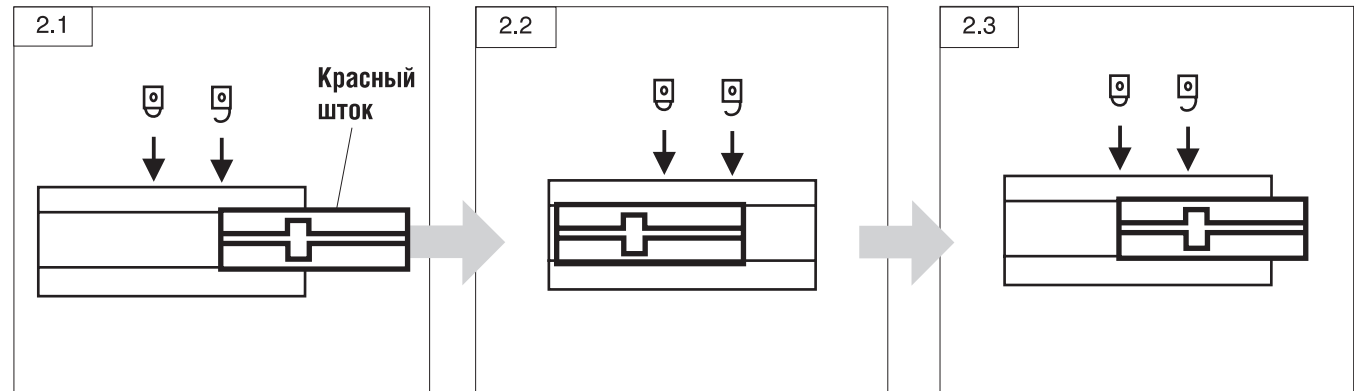
(1). When the door is in closed position:

Pull down on the rope and dis-engage the clutch, this will allow the door to be lifted with ease.

(2). When the door is in the open position:

Pull down on the rope once, this will allow the door to move downward to the closed position.

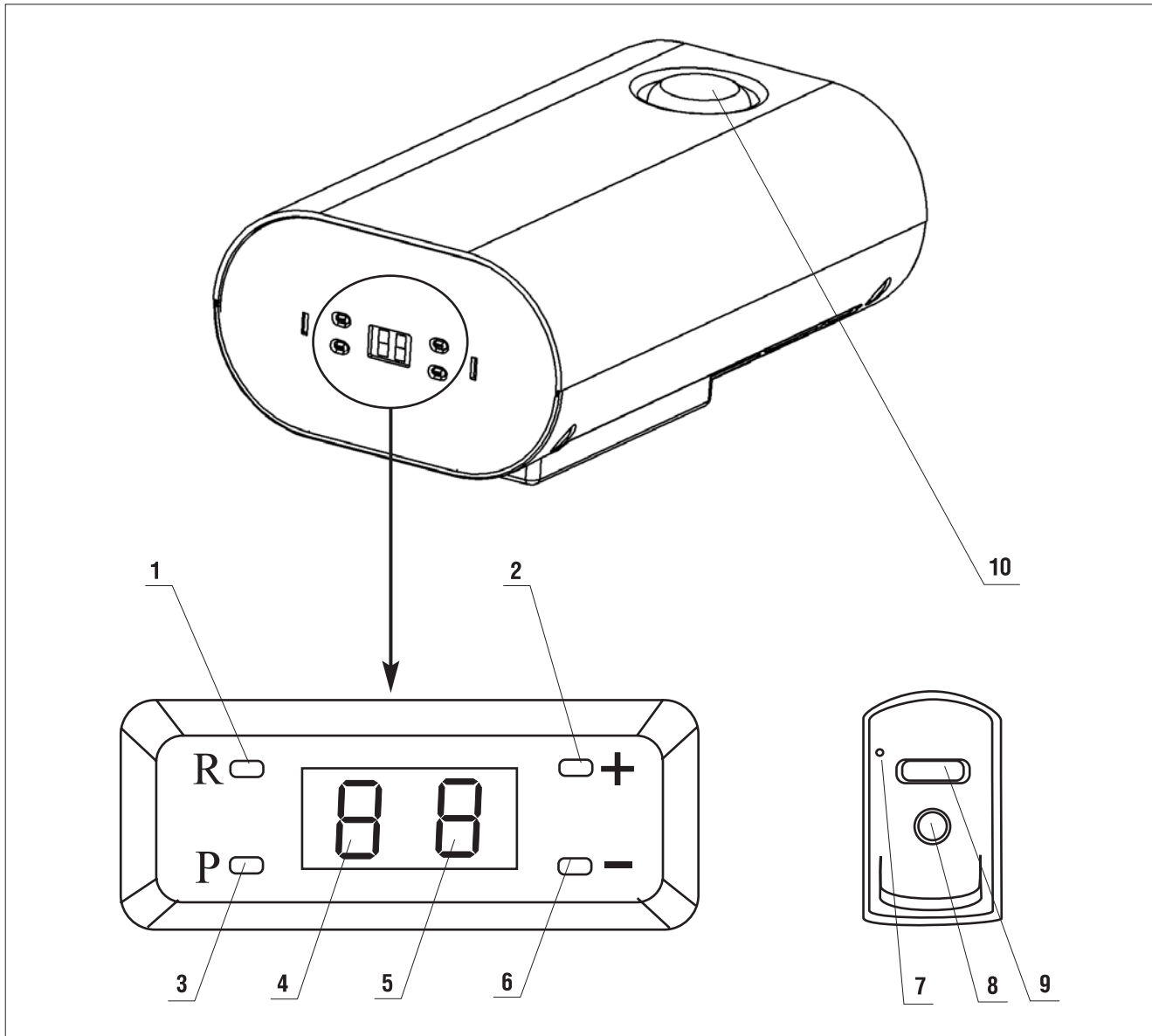
If power recovers



Operate the handheld transmitter or the wall control again, the clutch will be re-engaged automatically.

(NB: If the rail is 1-section type, the system features the self-lock function but 2-sections does not.)

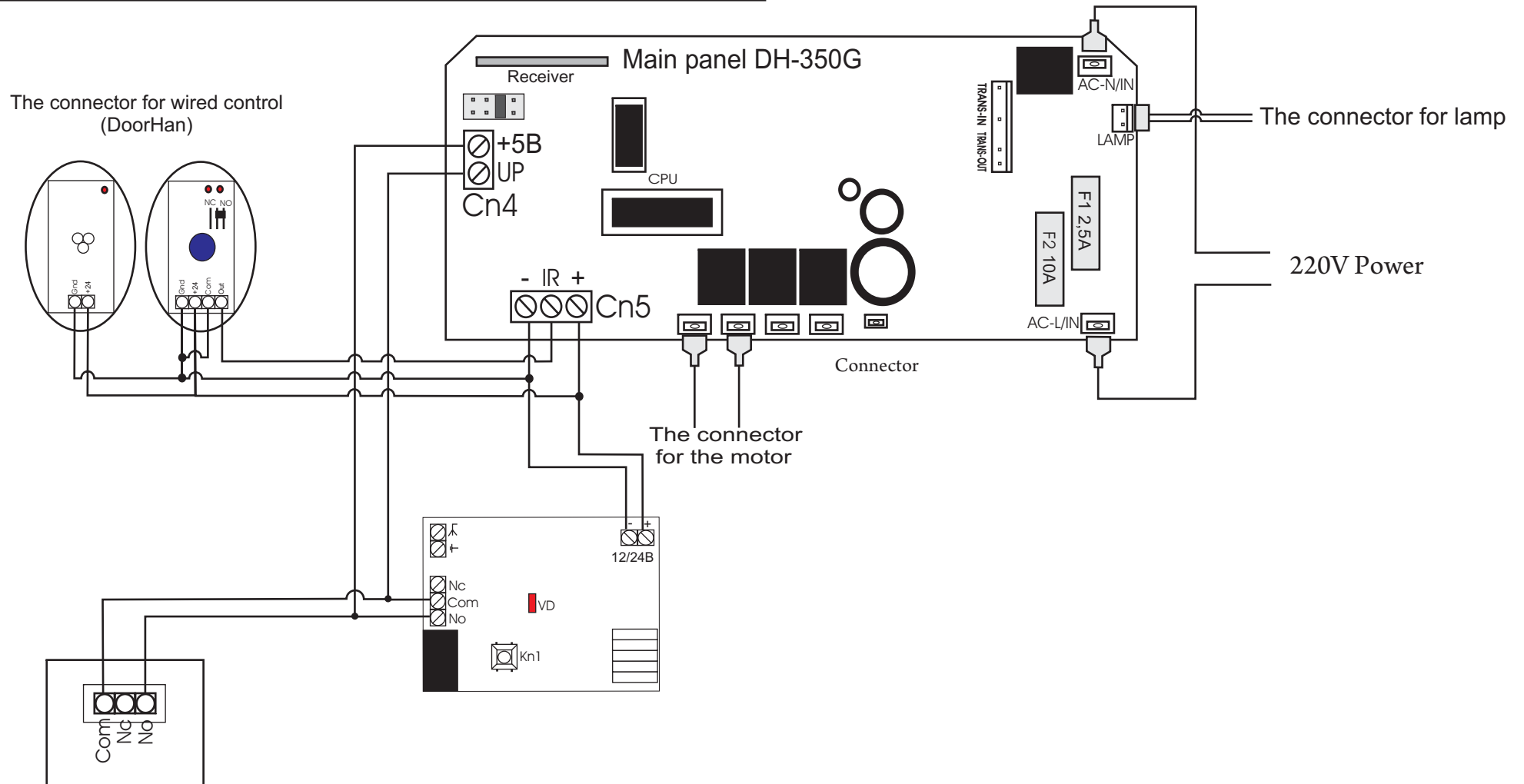
D. The Main Body and Program Panel



- 1 — Key for code
- 2 — Key for adjustment
- 3 — Key for function
- 4 — Indicator for code setting and signal receiving
- 5 — Indicator for work procedure and working state
- 6 — Key for adjustment
- 7 — Emitting indicator
- 8 — Light controlling knob
- 9 — Door controlling knob
- 10 — Light for the garage

Character

Components	Distance	Voltage	Current
	12M	12/24B	150mA

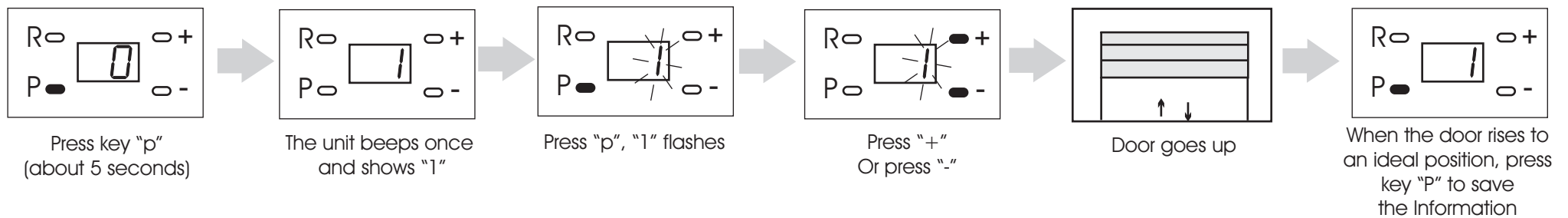


6.1. Prepare

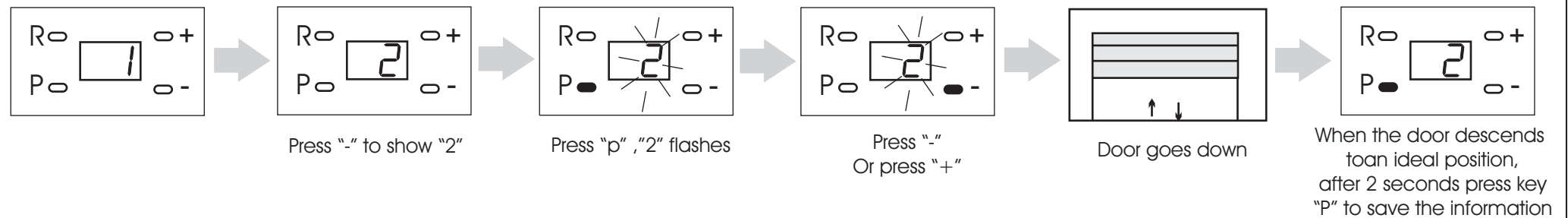
- A. Gently move the door to engage the trolley so that the opener can drive the door
- B. Turn the power on, the light will come on, the unit will 'beep' once and the display shows "0" in cycles.

If the final programming is not carried out, the settings will be deleted automatically.
 If a wrong information has been programmed, you can turn the power off and then turn it on again to reset, referring to the following.

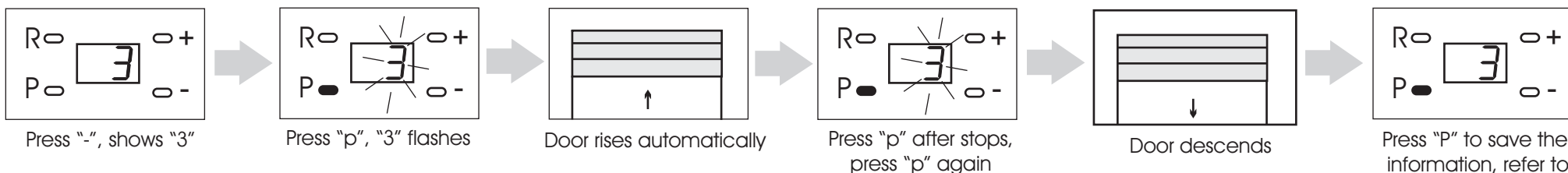
6.2. Upper Limit Setting



6.3. Down Limit Setting



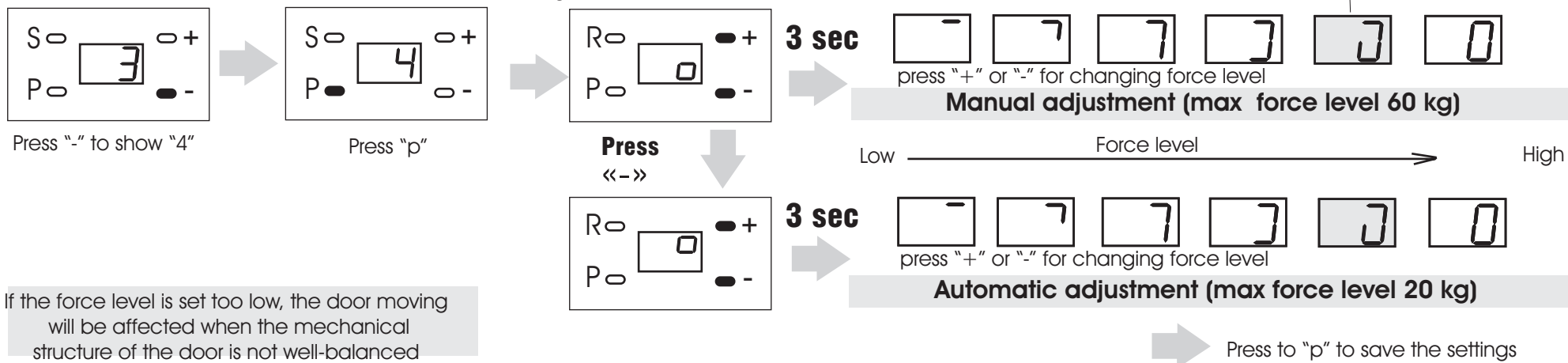
6.4. Operating Force Learning



After the above basic settings, the user can now carry out the finalizing step to finalize the programming

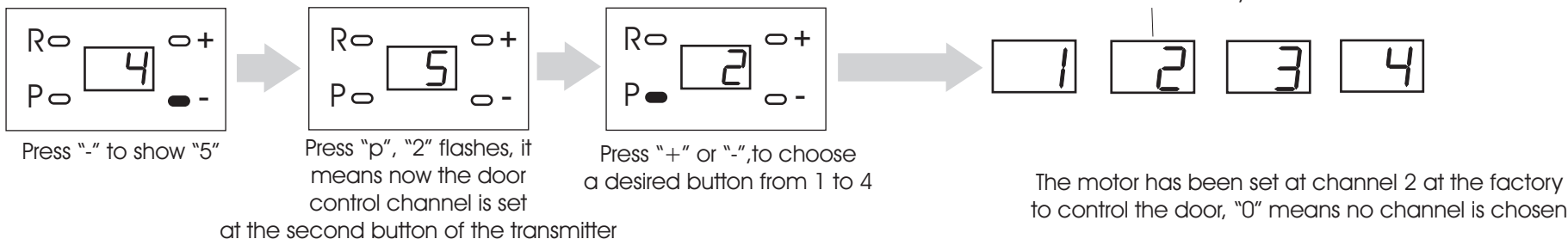
6.5. Force Level Setting

The unit has been preset on the factory at level 4, resetting by end users is not required.



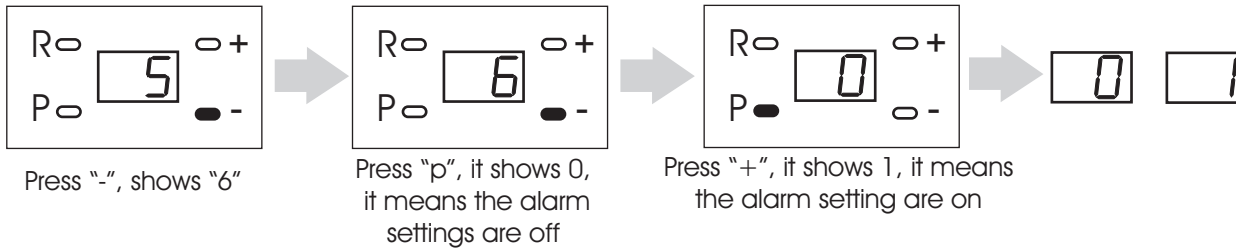
If the force level is set too low, the door moving will be affected when the mechanical structure of the door is not well-balanced

6.6. Transmitter Control Button Settings

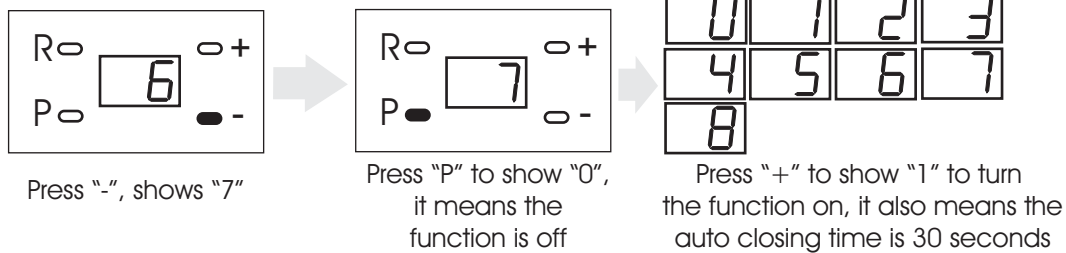


6.7. Alarm Settings

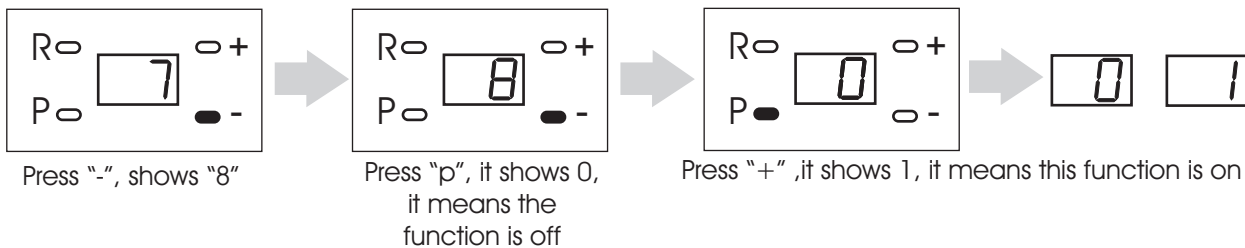
If the not closed in 10 minutes, system turns on alarm sound.



6.8. Automatic Closing Time Settings



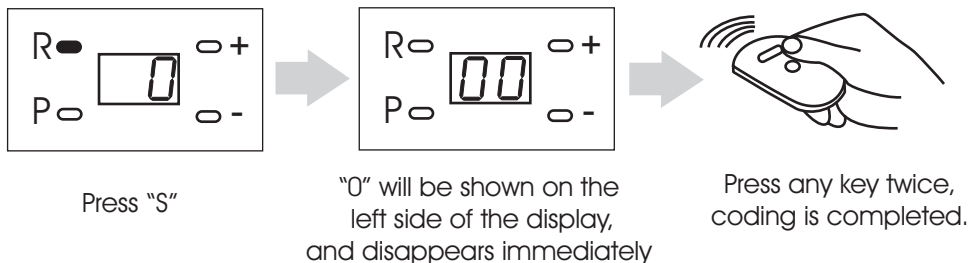
6.9. 2000 Cycles Alarm Setting



6.10 Final Programming.

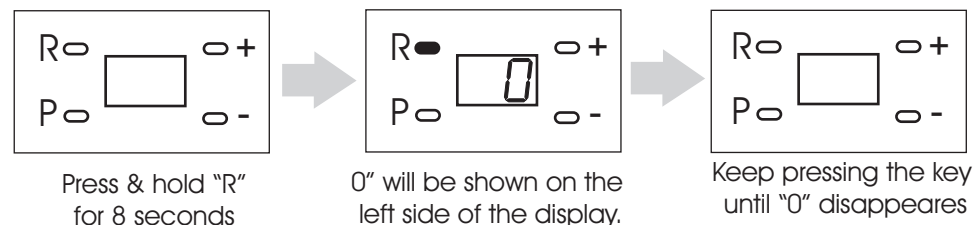
(NB: This finalizing step must be carried out, otherwise the saved information will be lost)

7.1. Programming of Transmitters



At this time, the code is successfully set if opener works.
Other transmitters can be set as above.

7.2. Decode



By now, no transmitters can operate the opener unless re-coded.

For security purpose if a transmitter has been lost the opener must be decoded and the new transmitter encoded as above, so that the lost one can not operate the door anymore.

H-1 Model and Recommended Usage

Model	Voltage(V)	Area of the door(m)	Surrounding difference in temperature(C)
SE-750	180-240	≤10	-20...+50
SE-1200	180-240	≤16	-20...+50

H-2 Guide Rail and Available Sizes

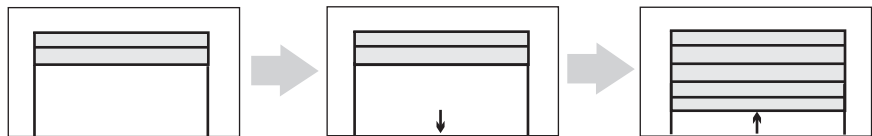
Model	Total length	Travel of the rail	Height of the door in rising
SK-3600	3620MM	3400MM	<2800MM
SK-4600	4620MM	4400MM	<3800MM

H-3 Specification List

Power	150W/SE-750,300W/SE-1200
Standby mode	4W when the motor and the light are off
Pulling force	700N/ SE-750,1100N/ SE-1200
Controller	CPU
Controlling method	Impulse inducting
Motor	24V.DC.
Light	25W (1x);E14
Speed of the door	11cm/second
Fuse Model	Power Fuse 1: 2.5A; Light Fuse 2: 2.5A
Speed Induction	Photo electric induction
Transmitter frequency and distance	433 Mhz/ open space 50m
Drive	Chain
Protecting Method	Keep in dry room (IP 20)

I-1 Care Of The Opener

- A. SE-750 type opener is an environmentally friendly product generally requiring a minimum of maintenance in normal use.
- B. For the first operation, please examine the drive system to see whether it moves easily (Release the clutch, push and pull the door manually)
- C. After a period of time in use, regularly check whether the door is balanced when opening/closing, whether the spring has enough force to raise the door.
- D. In the case of power failure the operator can search for the program memory. When the power is restored, press the button of the transmitter once, the door will rise.



The door stops moving in the case of power failure

When the power is restored, press the transmitter, the door moves up

According to the program memory, the door will rise to the upper limit position and then stop

I-2 Normal Operation

- A. Remote Control - Opening, closing or stopping can be achieved by pushing of a single button on the transmitter
- B. Manual operation - In case of power failure, opening or closing of the door can be done by hand once the clutch is released (Please refer to P.8)

I-3 Trouble Shooting

Fault	Causes	Deal With
The opener does not work	1. The plug is not securely fitted 2. The fuse is blown	1. Check by a technician 2. Replace the same type of fuse by a technician
The door does not work	1. No code has been set 2. The battery is out of power	1. Re-code referring to G-1 on P.18 2. Replace a new battery
Remote control distance is too short	The battery is not powerful enough	Replace with a new one of the same model
The chain moves, but the door does not	The clutch may be unlocked	Lock the clutch referring to C-4 on P.8
The alarm keeps beeping	1. Door is opened too long 2. 2000 cycles alarm	1. Close the door 2. Turn the power off, then recover again
The door is not at the position when opened or closed, or not working	Failure in set-up	Set again referring to F on P.11
The door does not work in normal, and "H" is shown on the screen	Computer failure due to humidity	Dry out the unit (by a technician)
Sudden stop or bounce while working, and "F" is shown on the screen	1. The torque spring is distorted 2. Obstacle is met 3. The power is not stable	1. Adjust the torque spring 2. Remove obstacle 2. Adjust the resistance to a proper level unit "F" disappears
While working, a grating sound can be heard	Lack of lubricant between the rail and the clutch after a long period of use	Add suitable amount of lubricant or wax to the position between the rail and the clutch
The chain has come loose and is noisy	Chain was used for a long time without lubricant between the rail and the clutch	Fasten the bolt on the spring, holding the chain stable and lubricate it (Refer to 4 on P23)

To avoid being electrocuted, only a professional technician is allowed to touch the wires and components on the main panel.



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