Quick Install & Setting Guide
Garage Door Opener

10711016

A Installation garage door rail system

A1 Installation C-rail

A2 Installation T-rail

Quick installation video

C-rail installation video

T-rail installation video
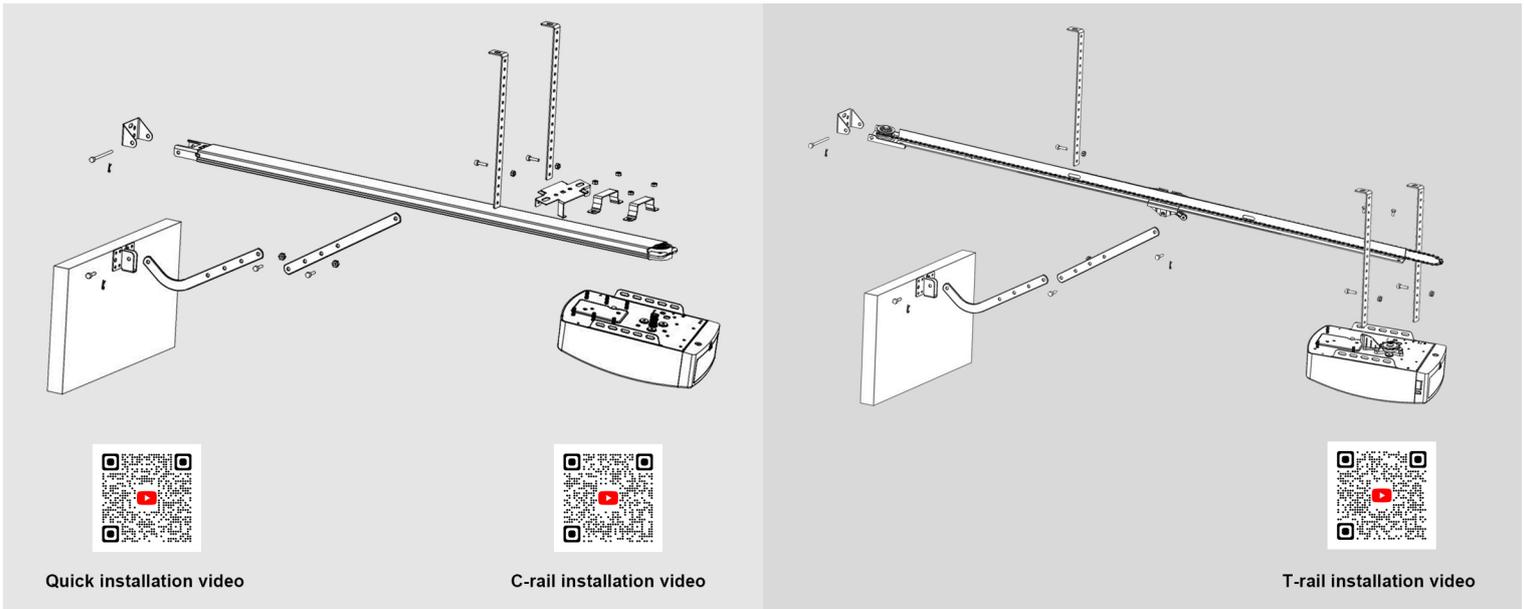
B Function setting

B1 Basic button instructions

SET Button
Short press: Confirm setting.
Long press: Enter the function menu setting.

CODE Button   **Digital tube display**
Short press:
a) In the setting status, short press CODE, it will exit the current operation and return to the standby interface.
b) In the standby status, short press the CODE, A dot will be indicated in the corner, now entering the code leaning mode.
Long press: Clear the coded remote.
View B2.3 for details.

UP Button
Short press: Open the door.
Long press: Over load model.
View B2.5 for details

DOWN Button
Short press: Close the door.
Long press: Restore factory settings.
View B2.4 for details

SET Button
Short press: Confirm setting.
Long press: Enter the function menu setting.

Digital tube display

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B2.1 PROGRAMMING OPEN & CLOSE LIMITS

SET 1. Press and hold SET button to enter this function setting until "1" appears on the display then release the button.

SET 2. Press the SET button again. The door opener is now in Programming Mode. And then you will see "n" with dot appears on the display.

UP 3. Press and hold the UP button until the door reaches the desired open position, you will see "n" without dot on the display.

SET 4. Press SET button to confirm the open position, then you will see "u" with dot on the display.

DOWN 5. Next press and hold the DOWN button until the door reaches the desired close position, you will see "u" without dot on the display.
NOTE: For fine adjustments toggle UP & DOWN buttons.

SET 6. Now press the SET button to confirm the close position, then you will see "II" on the display.
After confirm the close position, the door will now cycle open and close to set the travel limits and force sensitivity adjustments.
The door is now set for normal operation.

B2.2 Transmitter leaning

CODE a) In the Standby Status, short press the CODE, A dot will be indicated in the corner, now entering the code leaning mode.
b) Now first click the button on the hand transmitter you want to use, the dot may disappear then press again the same button on the hand transmitter, the dot willflash, here, the code learning is finished.

B2.3 Clear the coded remote

CODE a) Press and hold CODE button until a letter "C" is indicated on the display. All stored remotes will be deleted.

B2.4 Restore factory settings

DOWN Keep press DOWN button, after 4 seconds, it will scroll to display ▬ ⹀ ⹀ then the garage door opener will restart.
PS: Restart means all settings are back to factory settings, all learning things need to be done again except the transmitter learning code.

B2.5 Over load model

UP Press and hold the UP button for 4 seconds. The digital display will increment and cyclically show levels 0-3. Release the button to select the current level.
0: Function off (default)   2: 1.5 times force of normal mode
1: 1.25 times force of normal mode   3: 1.75 times force of normal mode

C Commonly functions

⚠ We strongly recommend that the control system needs to be debugged only for certain technical reasons, and that only professionals can debug this function. Otherwise, if operated by non-professionals, the product will not be covered by the warranty.

Function debugging

Press and hold (SET) button until *1* appears on the display. Press the (UP) button or (DOWN) button until the desired function is reached then release the button.Press the (SET) button again,enter the function setting mode.

Dispaly	Function and description	Video	Dispaly	Function and description	Video
2	**Obstruction force adjustment** "1~5" (The maximum force is "5".)		A	**Soft stop distance adjustment** "1~3" (The maximum distance is "1".)	
3	**Travel speed setting** "8" & "A" ("A" means the full speed.)		b	**Reversal height ignorance setting** "1~9" (The maximum height is "9".)	
4	**Automatic closing & time setting** "0~9" (The maximum force is "9".)		C	**Pass door switch type setting** "0" & "1"	
5	**Automatic closing condition setting** "1" & "2"		d	**Photo cell on/off setting** "0" & "1"	
6	**Led off delay time setting** "1~9" (The maximum delay time is "9".)		E	**Maintenance alarm operation cycles count setting** "0~5"	
7	**Reversal height setting** "0~9" (The maximum is "9".)		F	**Programming community function** "0" & "1"	
8	**The partial open/height setting** "0~C" (The maximum height is "C".)		L	**Opening lifting force adjustment** "1~9" (The maximum lifting force is "9".)	
9	**Transmitter buttons recognition function setting** "1" & "2"		0	**Programming motor reversal function** "0" & "1"	

Photo cell

GND+PE+24V+GND

PB GND PE 24V FLA GND SD ANT
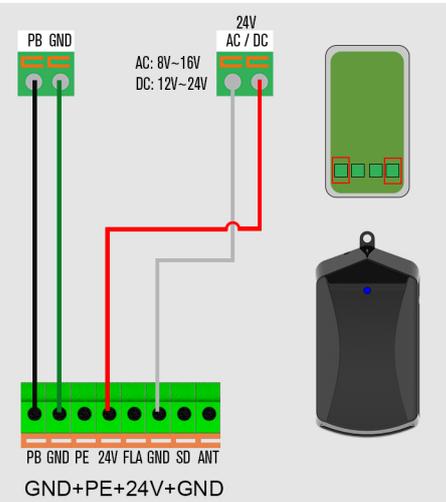
+ - COM OUT

+ -
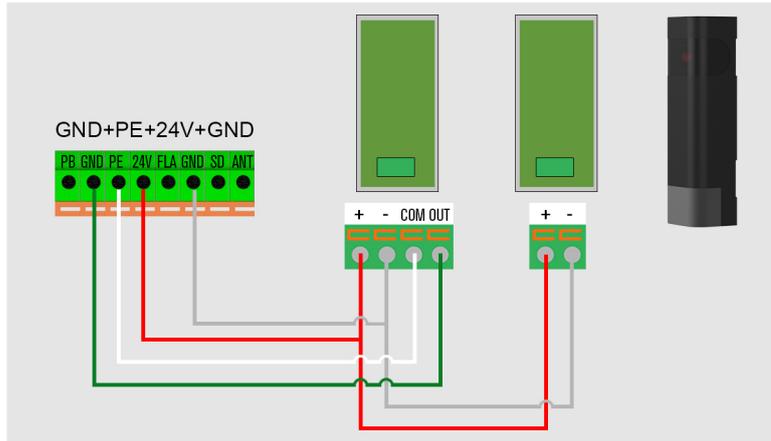
Notice:
There could be no reaction if the installation distance is too close. Please adjust the installation distance longer (e.g. one meter longer) and try again.
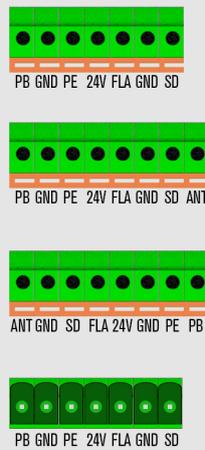
Remark:
1. Flash (Caution Light) should be less than 10W.
2. PB (External Push Button) should be " NO" contact.

Universal receiver

PB GND

24V
AC / DC

AC: 8V~16V
DC: 12V~24V

PB GND PE 24V FLA GND SD ANT

GND+PE+24V+GND

If it does not match the receiver interface status,please adjust the receiver interface status to the expansion device and install after the interfacestatus matches. If the interface status is not confirmed, the installation may cause damage to the receiver or required expansion equipment due to the interface status mismatch.

PB GND PE 24V FLA GND SD

PB GND PE 24V FLA GND SD ANT

ANT GND SD FLA 24V GND PE PB

PB GND PE 24V FLA GND SD

The garage door opener has above types of wiring ports. Please check your motor to find the corresponding port and wire it according to the diagram.

Flash lamp

+ -

FLA+GND

PB GND PE 24V FLA GND SD ANT
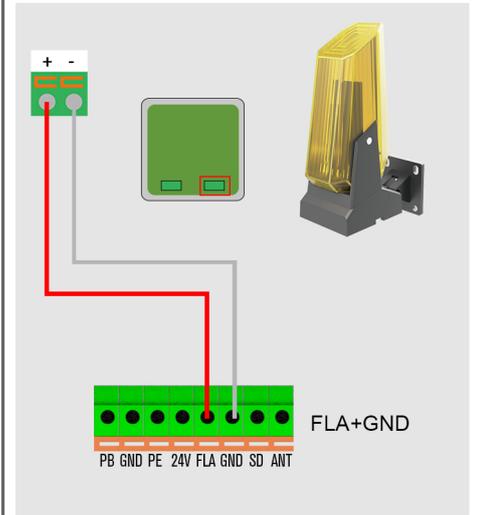
There are corresponding interfaces for this function and provide 24v-35v flash light voltage.
Connect the flash light with DC 24v-28v, current≤ 100mA. When use AC 220V power flash lights, please match an adapter, and wiring as required.

Pass door protection device

PB GND PE 24V FLA GND SD ANT
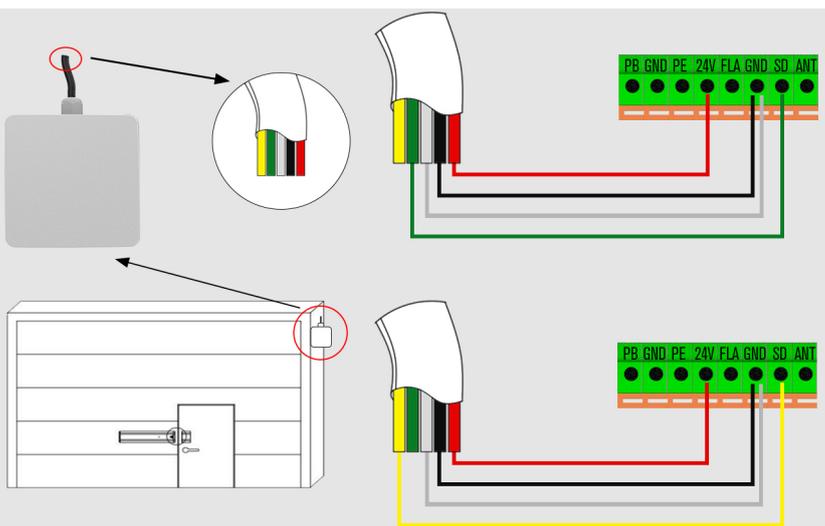
24V+GND+SD

When the interface state is NO.
The Green line(NO) of Rcontact RF need to be connected with SD.

PB GND PE 24V FLA GND SD ANT

24V+GND+SD

When the interface state is NC.
The Yellow line(NC) of Rcontact RF need to be connected with SD.

Fault display	Fault cause	Solutions	Video
O	Travel less than 30cm or more than 9m	Re set the limit traveling	
U	Unstable voltage or door lost balance	1. Check the power supply 2. Adjust the door balance	
-	Fail to learn the up and down limit setting Improperly learn the up and down limit setting	Learn "UP" and "DOWN" limit traveling again follow the manual	
H	Hall sensor wire is loosed or damaged	Open the cover, check the Hall sensor wire, re plug or replace.	
h	The wire between gear motor and board is plugged inversely	Power off firstly, open the cover and reverse the plug wire between gear motor and board. Re set limit traveling.	
r	Photo cell function has been effective but without connecting any photo cell device	Turn off the photo cell function if there is no any photo cell device connected. (Refer the instruction manual) Check if the photo cell is connected correctly, or if there is any obstruction between the photo cell.	
F	Stored remote code is full	Delete all stored codes (Refer the instruction manual)	
.	Door in door function effects	Check the door in door switch	