

Quick Install & Setting Guide

Garage Door Opener

WARNING

Please read the manual carefully before installation and use.

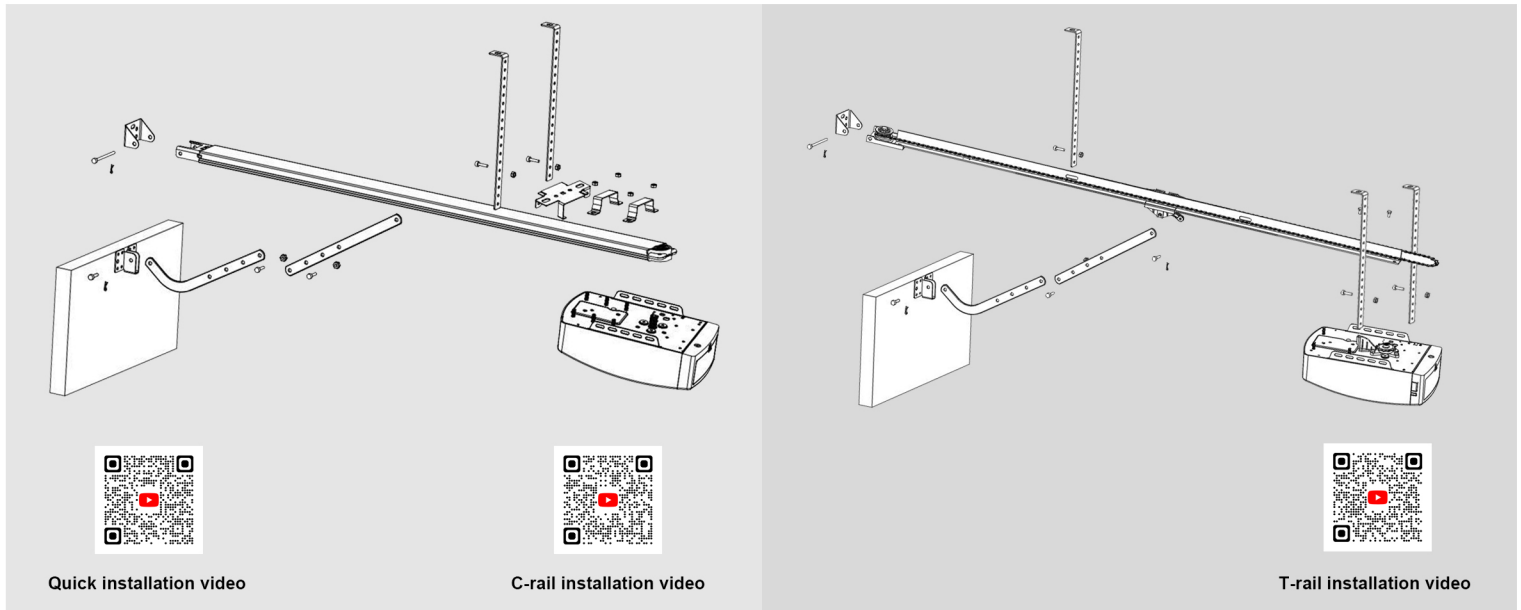
The installation of your new door opener must be carried out by a technically qualified or licensed person.

Attempting to install or repair the door opener without suitable technical qualification may result in severe personal injury, death and / or property damage.

A Installation garage door rail system

A1 Installation C-rail

A2 Installation T-rail



B Function setting

B1 Basic button instructions

SET Button

Short press: Confirm setting.

Long press: Enter the function menu setting.

CODE Button

Short press:

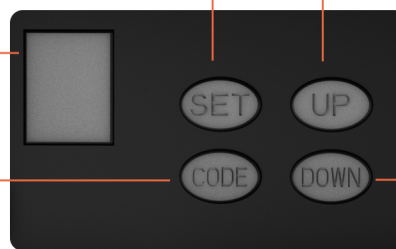
a) In the setting status, short press CODE, it will exit the current operation and return to the standby interface.

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.

Digital tube display



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



DOWN Button

Short press: Close the door.

Long press: Restore factory settings.

View B2.4 for details

CODE Button

Short press:

a) In the setting status, short press CODE, it will exit the current operation and return to the standby interface.

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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

**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 will flash, 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.

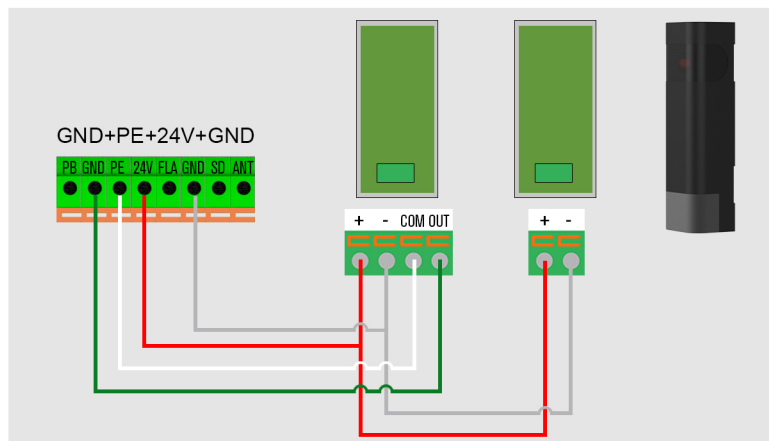
Function debugging

Press and hold **SET** button until  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.

Display	Function and description	Video	Display	Function and description	Video
	Obstruction force adjustment "1~5" (The maximum force is "5".)			Transmitter buttons recognition function setting "1" & "2"	
	Travel speed setting "8" & "A" ("A" means the full speed.)			CODES MEMORY QUANTITY SETTING "1~A" (The maximum is "A".)	
	Automatic closing & time setting "0~9" (The maximum force is "9".)			Reversal height ignorance setting "1~9" (The maximum height is "9".)	
	Automatic closing condition setting "1" & "2"			Pass door switch type setting "0" & "1"	
	Led off delay time setting "1~9" (The maximum delay time is "9".)			Photo cell on/off setting "0" & "1"	
	Reversal height setting "0~9" (The maximum is "9".)			Maintenance alarm operation cycles count setting "0~5"	
	The partial open/height setting "0~C" (The maximum height is "C".)			Programming motor reversal function "0" & "1"	

D Wiring

Photo cell



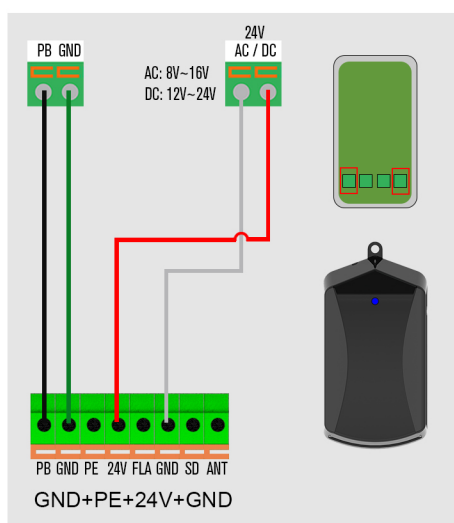
Notice:

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.

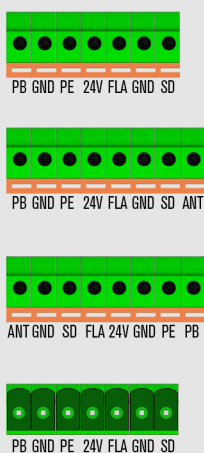
Remark:

1. Flash (Caution Light) should be less than 10W.
2. PB (External Push Button) should be " NO " contact.

Universal receiver

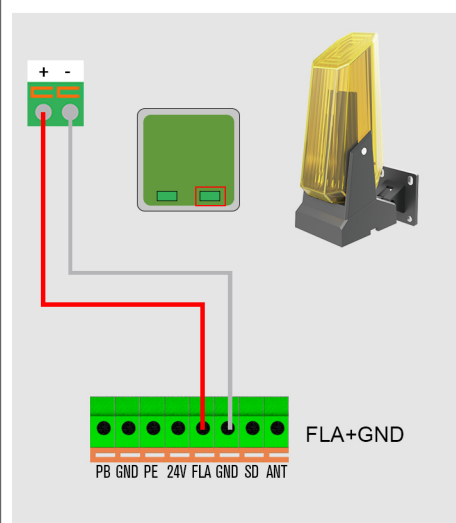


If it does not match the receiver interface status, please adjust the receiver interface status to the expansion device and install after the interface status matches. If the interface status is not confirmed, the installation may cause damage to the receiver or required expansion equipment due to the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



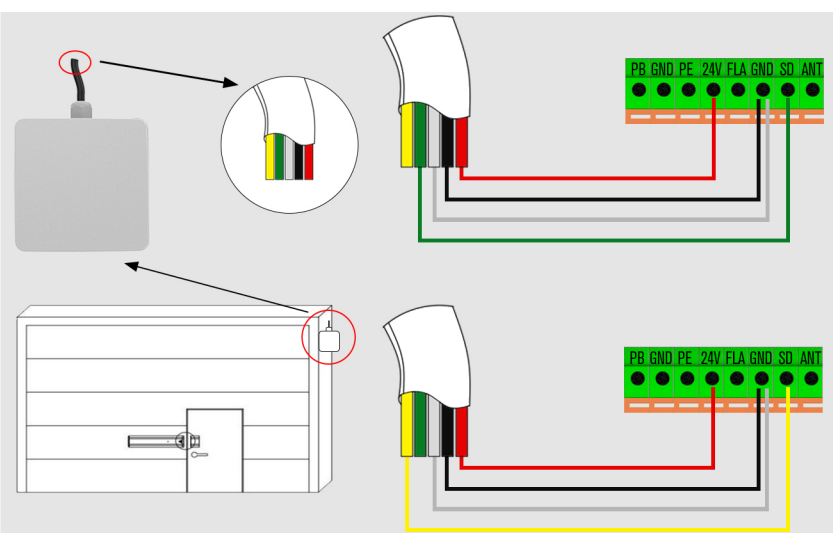
The garage door opener has above types of wiring ports. Please check your motor to find the corresponding port and wire it according to the diagram.

Flash lamp



There are corresponding interfaces for this function and provide 24v-35v flash light voltage. Connect the flash light with DC 24v-28v, current $\leq 100\text{mA}$. When use AC 220V power flash lights, please match an adapter, and wiring as required.

Pass door protection device



24V+GND+SD

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

24V+GND+SD

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

E Common fault & solutions

Fault display	Fault cause	Solutions	Video
	Travel less than 30cm or more than 9m	Re set the limit traveling	
	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	
	Hall sensor wire is loosed or damaged	Open the cover, check the Hall sensor wire, re plug or replace.	
	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.	
	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.	
	Stored remote code is full	Delete all stored codes (Refer the instruction manual)	
	Door in door function effects	Check the door in door switch	