

Quick Install & Setting Guide

Garage Door Opener - STD Version

10711093

WARNING

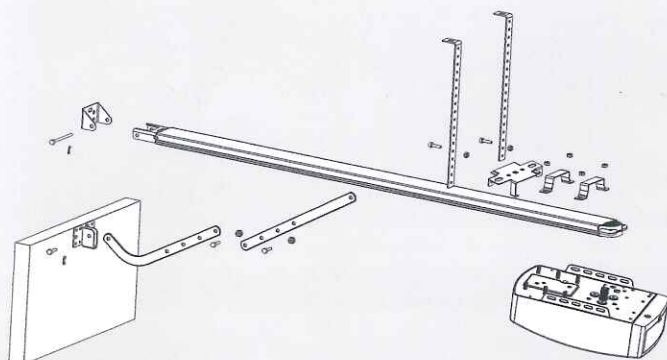
Please read the manual carefully before installation and use.

New garage door openers must be installed by a technically qualified 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 of garage door rail system

A1 Installation of C-rail

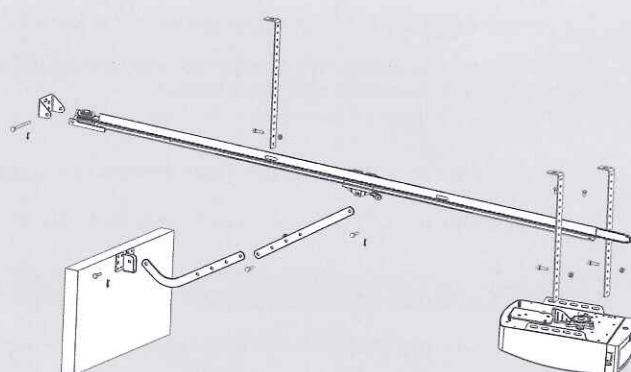


Quick installation video



C-rail installation video

A2 Installation of T-rail



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

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 appear in the corner, now entering the code learning mode.

Long press: Clear all paired remote controls.

View B2.3 for details.

Interface Display



UP Button

Short press: Open the door.

Long press: Automatic closing.

View B2.5 for details

DOWN Button

Short press: Close the door.

Long press: Wired photo beam on/off setting.

View B2.6 for details

SET Button

Short press: Confirm setting.

Long press: Enter the function menu setting.

Interface Display



UP Button

Short press: Open the door.

Long press: Automatic closing.

View B2.5 for details

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Short press: Close the door.

Long press: Wired photo beam on/off setting.

View B2.6 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.

b) In the standby status, short press the CODE, A dot will appear in the corner, now entering the code learning mode.

Long press: Clear all paired remote controls.

View B2.3 for details.

B2 Programming instructions

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. The door opener is now in Programming Mode.

UP 2. Press and hold the UP until the door reaches the desired open position.
NOTE: Fine adjustments can be made by switching UP & DOWN buttons.

SET 3. Now press the SET button to confirm the position. The display will now indicate the number "2".

DOWN 4. Next press and hold the DOWN button until the door reaches the desired close position. For fine adjustments, switch UP & DOWN buttons.

SET 5. Now press the SET button to confirm the close position.

B2.2 Transmitter learning

CODE a) Press the CODE button. A dot will appear in the corner of the display.

b) Now press the button on the transmitter you want to use, pause for 2 seconds, then press the same button on the transmitter again for 2 seconds.

B2.3 Clear the coded remote / wall switch / keypad

CODE a) Press and hold CODE button until a C appears on the display. All coded remote / wall switch / keypad will be deleted.

B2.4 Obstruction force adjustment (The force is set on 3 as standard in factory.)

SET a) Press and hold the SET button until 3 appears on the display then release the button.

b) Press the UP button to increase the force setting or the DOWN button to decrease the force setting. The minimum force is 1 and it can be adjusted upward.

c) Press SET button to confirm the set.

B2.5 Auto closing on/off & Auto closing countdown time setting.

(The Maximum time is 135 seconds. To disable Auto Close, set the time to zero.)

UP a) Press and hold UP button until a horizontal bar appears on the display. Now press UP button once to set the auto close time (Unit: second).

b) Press UP button to increase the time, or DOWN button to decrease the time.

c) Press SET button to confirm the set.

d) Factory default is set on "0" (disabled) as standard.

B2.6 Wired photo beam function ON/OFF

DOWN a) Press and hold the DOWN button until 11 appears on the display. To enable the photo beam option, press UP button again the display will indicate a H(enabled) or press DOWN button to disable (display 11) the option.

b) Press SET to confirm the set.

B2.7 Over load mode

SET + CODE Press and hold the SET button, then immediately press and hold CODE button for 4 seconds. The digital display will increment and cycle through levels 0-3. Release the button to select the current level.

0: means the function is disabled (default)

1: increase the overload force 25% based on your current force.

2: increase the overload force 50% based on your current force.

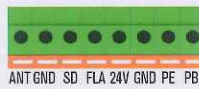
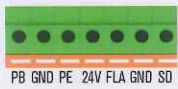
3: increase the overload force 75% based on your current force.

B2.8 Wired E-Lock function ON/OFF (factory setting is 0.)

SET a) Press and hold the SET button until it displays P, then release the SET button.

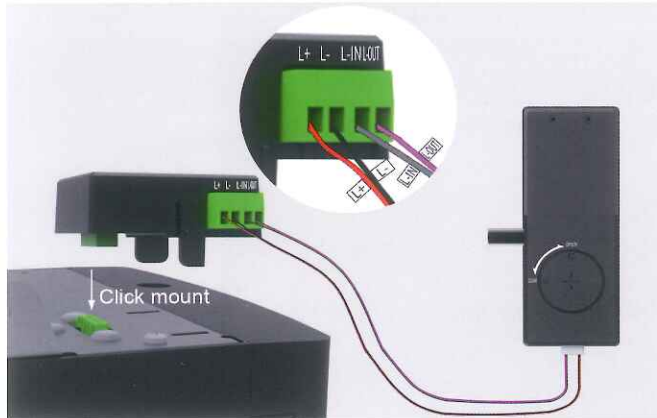
b) Press the UP and DOWN buttons to adjust, 0 function is off, 1 function is on.

D Wiring



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.

Wired E-Lock (Optional)

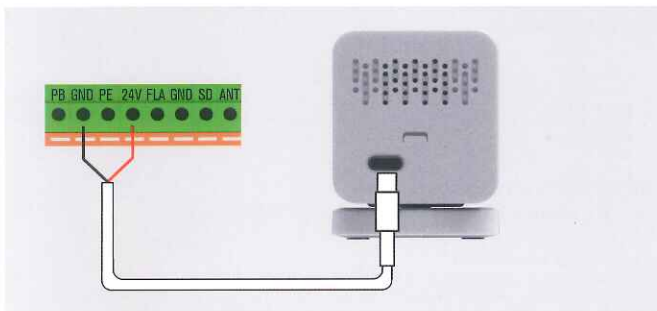


Connect the four wires of the wired E-Lock to the corresponding ports of the E-Lock external device:

Red: L+
Black: L-
Gray: L-IN
Pink: L-OUT

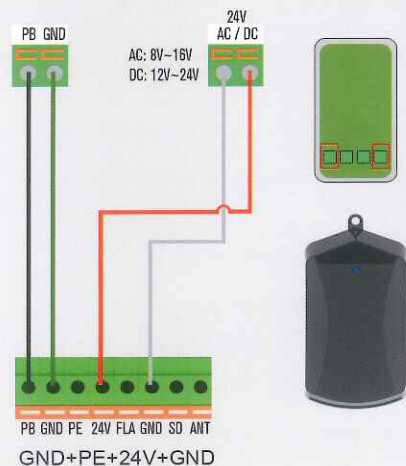
Click mount the relay module to the connection port of the GDO.

Camera (Optional)



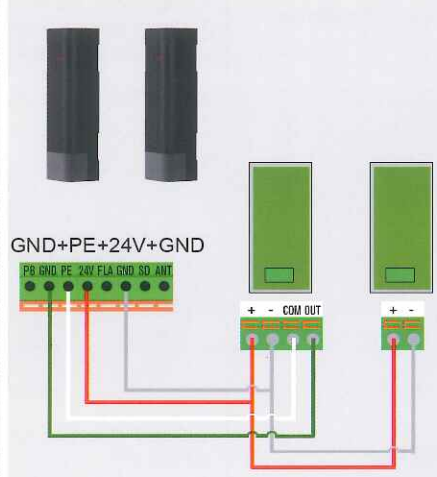
Power connection from camera to opener

Universal receiver (Optional)



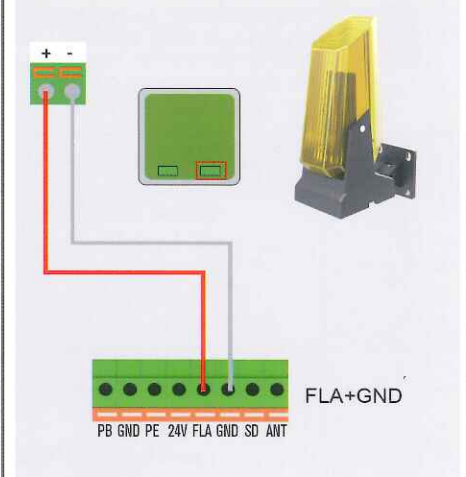
Notice:
Special attention to the wiring.
Wire in red color should be always go to 24V port on garage door opener.
In case of wrong wiring, there may cause damage to the receiver, or even other connected devices.

Wired Photo Beam (Optional)



Notice:
Please ensure installation distance between 2 sensors is over 1 meter, otherwise garage door opener can not work properly.
Remark:
1. When garage door opener is also connected with a Flash Light, the power of light should be lower than 10W, otherwise photo beam can't work properly due to low power supply.
2. PB (External Push Button) port should be with "NO" contact.

Flash lamp (Optional)



Terminals provide 24-35v flash light voltage.

Connect the flash light with DC 24v-28v, currents ≤ 100mA. When use AC 220V power flash lights, please match an adapter, and connect the wires as required.

E Common fault & solutions

Fault display	Fault cause	Solutions	Video
	1. Door travel range exceeds maximum threshold (9m) or falls below minimum requirement (30cm). 2. The door loses balance and affects the proper operation of the motor.	1. Learn the proper travel limit range. 2. Check the door balance (Mechanical parts and springs) or replace a stronger power motor.	
	Abnormal voltage input (A low input voltage), or unbalanced door weights.	1. Check the power supply for a right input voltage. 2. Check the door balance (Mechanical parts and springs) or replace a stronger power motor.	
	Fail to learn the up and down limit setting Improperly learn the up and down limit setting	Learn "UP" and "DOWN" limit setting again follow the manual	
	Hall sensor/wiring fault/Component fault on PC board.	1. Inspect connections. 2. Replace the PC board.	
	Reversed Motor Wiring to PC board.	1. Disconnect from main power supply. 2. Reverse the polarity of gear motor wiring connections at the terminal block. 3. Programme the travel limit.	
	The wired photo beam function remains active despite no photo beam being installed	1. Deactivate the wired photo beam function refer to the manual. 2. Verify proper wiring termination and ensure no physical obstructions are interfering with photoelectric detection.	
	Exceeds limit of paired remote controls.	Delete all stored codes on the Opener (Refer the instruction manual).	
	Pass door safety protection function is triggered	1. Check the pass door and ensure it has been closed completely. 2. Check the pass door sensor performance.	
	1. Wired E-Lock is triggered or faults. 2. The wired E -Lock function (Parameter "P") has been enabled but no wired E-lock is installed.	1. Inspect the electrical connections of the wired E-lock for proper termination and continuity. 2. Verify the operational integrity of the wired E-lock, checking for Physical damage or component malfunction. Improper retraction of the locking bolt mechanism.	