

Quick Install & Setting Instruction

Garage Door Opener - STD Version

10711099

WARNING

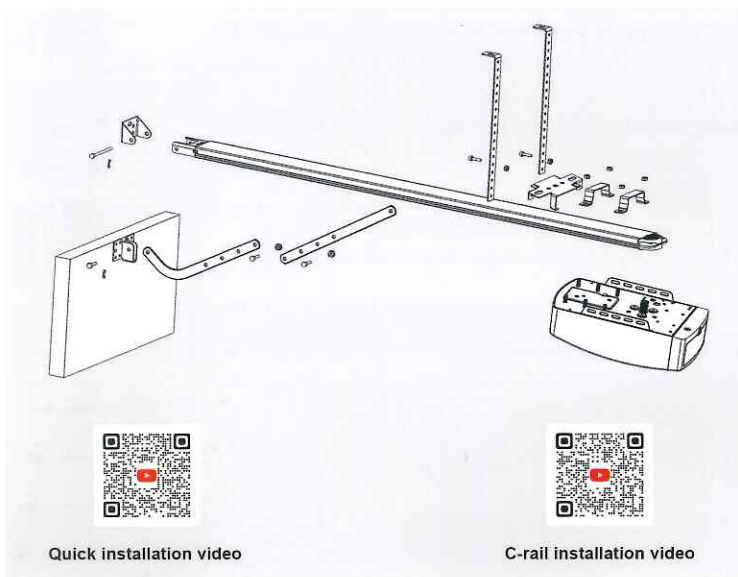
Please read the manual carefully before installation and use.

New garage door openers must be installed by a technically qualified person.

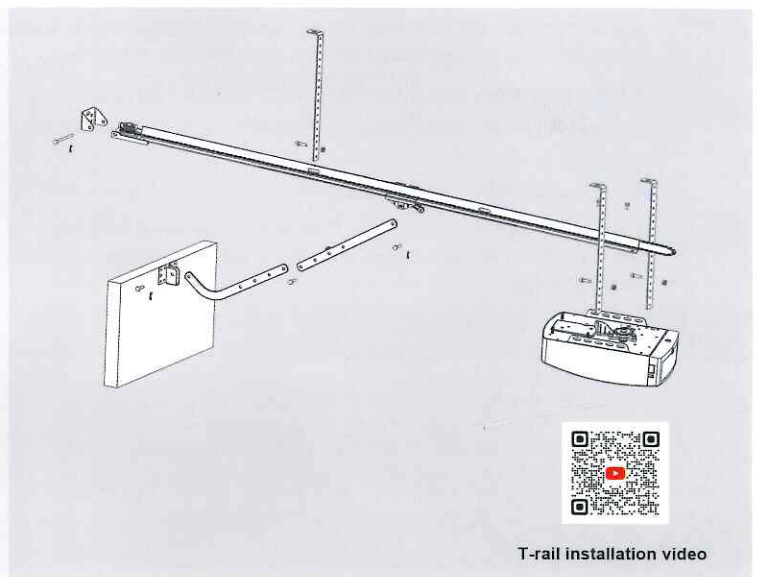
Attempting to install or repair the door opener without suitable technical qualification may result in severe personal injury, death and / or property damage.

A Installation of garage door rail system

A1 Installation of C-rail



A2 Installation of 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:

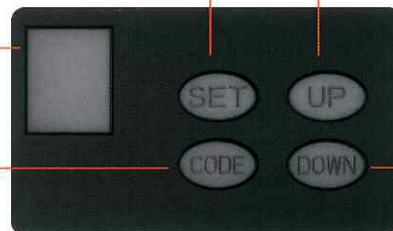
a) In the setting status, short press CODE, it will exit the current operation and return to the standby interface.

b) In the standby status, short press the CODE, A dot will 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: Over load mode.

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.

Interface 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.

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.

UP Button

Short press: Open the door.

Long press: Over load mode.

View B2.5 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.
- 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 "ll" on the display.
After confirming 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 learning

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



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

- CODE** a) Press and hold CODE button until a letter "C" is indicated on the display. All coded remote / wall switch / keypad 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 mode

- UP** Press and hold the UP 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.

C Common functions setting



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
	Programming open & close limits			Led off delay time setting "1~9" (The maximum delay time is "9" (9minutes))	
	Obstruction force adjustment "1~5" (The maximum force is "5".)			Reversal running time setting (After the resistance rebound) "0~9" (The maximum is "9".)	
	Closing speed setting "8" & "A" ("A" means the full speed.)			Partial open function ON/OFF & Partial open height setting "0~C" (The maximum height is "C".)	
	Auto closing on/off & Auto closing countdown time setting. "0~9" (The maximum time is "9", means 135s.)			Transmitter buttons recognition function setting "0" & "1"	
	Auto closing trigger condition setting (Door position) "1" & "2"				

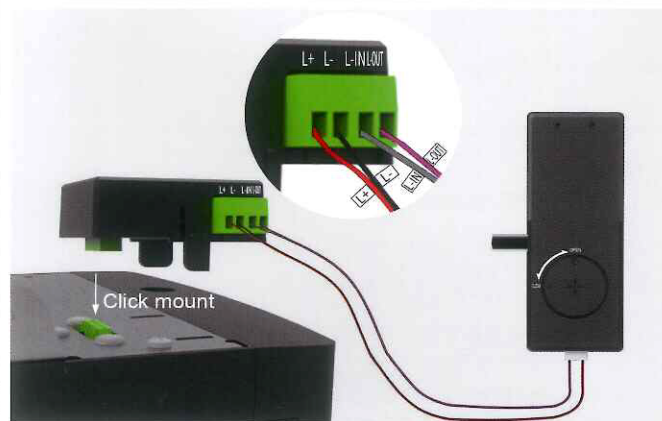
Display	Function and description	Video	Display	Function and description	Video
7	Reversal running time setting (After the resistance rebound) "0~9" (The maximum is "9".)		d	Wired photo beam function ON/OFF "0" & "1"	
8	Partial open function ON/OFF & Partial open height setting "0~C" (The maximum height is "C".)		E	Maintenance alarm operation cycles count setting "0~5"	
9	Transmitter buttons recognition function setting "0" & "1"		F	Community function (Parking lot function) ON/OFF "0" & "1"	
A	Codes memory quantity setting "1~A" (The maximum is "A".)		,'	Motor Forward / Reverse rotation adjustment "0" & "1"	
b	Reversal position ignoring setting while obstruction "0~9" (The maximum height is "9".)		P	Wired E-Lock function ON/OFF "0" & "1"	
C	Wired pass door sensor port setting (NO/NC) "0" & "1"				

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)

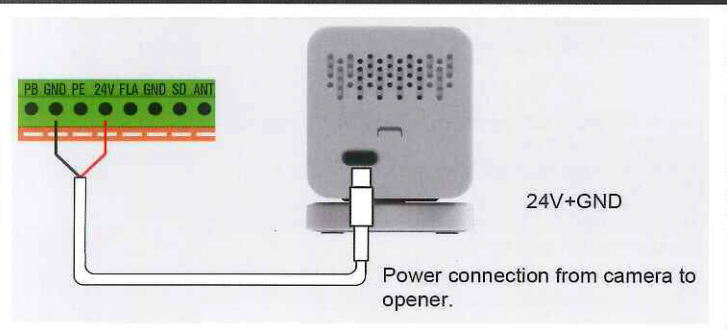


Connect the four wires of the wired E-Lock to the corresponding ports of the E-Lock external device:

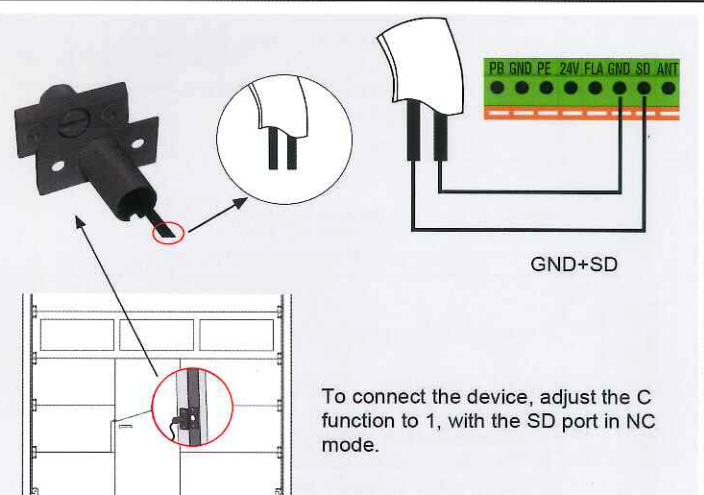
Red: L+
Black: L-
Gray: L-IN
Pink: L-OUT

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

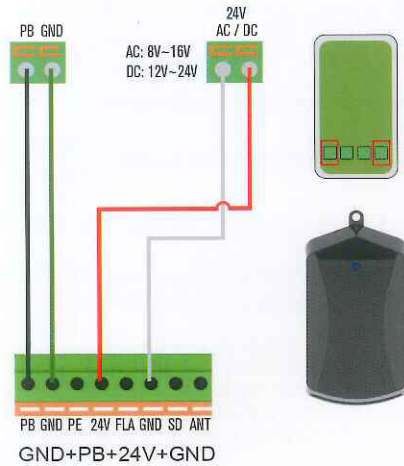
Camera (Optional)



Pass door protection device

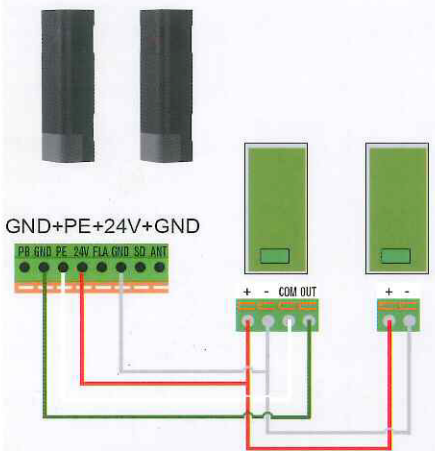


Universal receiver (Optional)



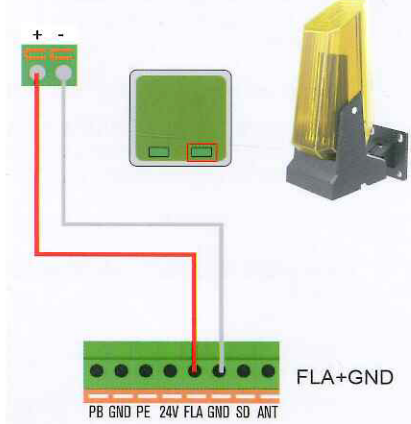
Notice:
Special attention to the wiring.
Wire in red color should be always go to 24V port on garage door opener.
In case of wrong wiring, there may cause damage to the receiver, or even other connected devices.
Remark
1. PB (External Push Button) port should be with "NO" contact.

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.

Flash lamp (Optional)



Terminals provide 24-35v 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 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.	