Quick Install & Setting Instruction

Garage Door Opener - STD (Low Standby Version)

10711101

WARNING

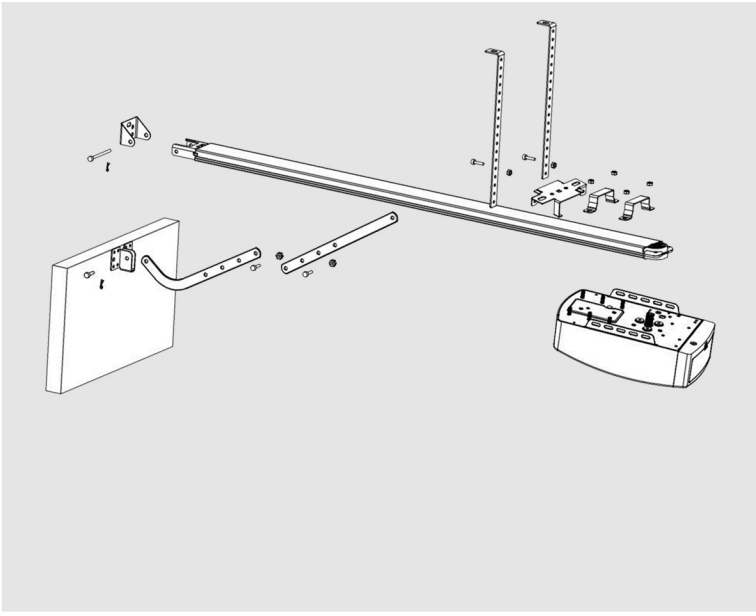
Please read the manual carefully before installation and use.

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

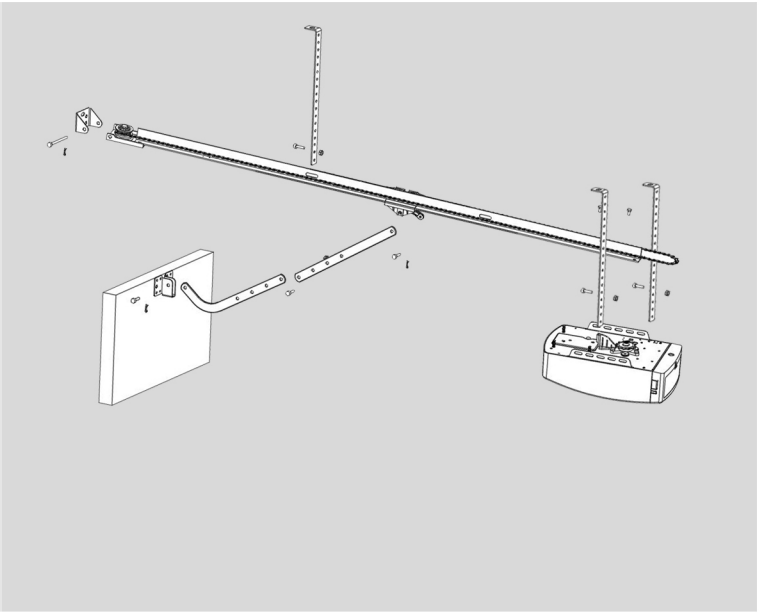
Attempting to install or repair the door opener without suitable technical qualification may result in severe personal injury, death and / or property damage.

A Installation of garage door rail system

A1 Installation of C-rail

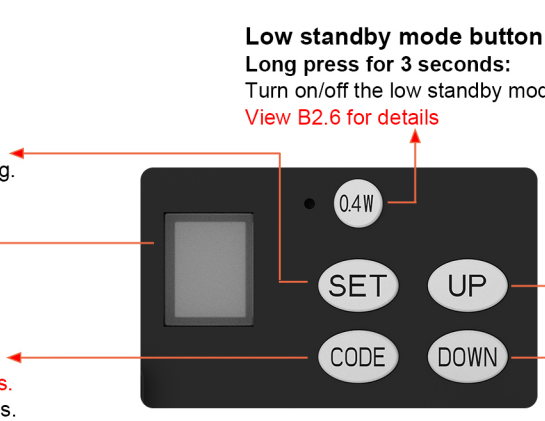


A2 Installation of T-rail



B Function setting

B1 Basic button instructions



Low standby mode button
Long press for 3 seconds:
Turn on/off the low standby mode.
View B2.6 for details

0.4W Turn on the low standby mode.

0.4W Turn off the low standby mode.

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

Interface Display

CODE Button
Short press:
a) Return to the standby interface.
b) Transmitter learning.View B2.2 for details.
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

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

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View B2.4 for details

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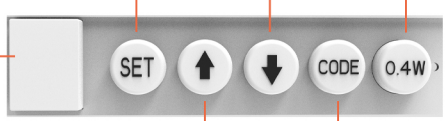

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a) Return to the standby interface.
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UP Button
Short press: Open the door.
Long press: Over load mode.
View B2.5 for details

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 confirming the close position, then you will see “II” 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" appears 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.

B2.6 Low standby mode

Long press for 3 seconds:

0.4W  Turn on the low standby mode. When the LED light turns off for 5 seconds, the opener will go into the low standby mode. The display show:

 Turn off the low standby mode.

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.

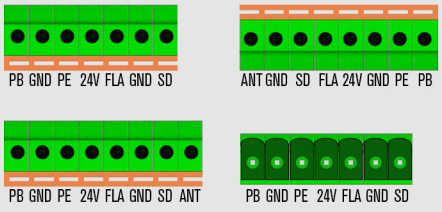
Function debugging

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.

Dispaly	Function and description	Video	Dispaly	Function and description	Video
1	**Programming open & close limits**		6	**Led off delay time setting** “1~9” (The maximum delay time is “9” (9minutes))	
2	**Obstruction force adjustment** “1~5” (The maximum force is “5”.)		7	**Reversal running time setting (After the resistance rebound)** “0~9” (The maximum is “9”.)	
3	**Closing speed setting** “8” & “A” (“A” means the full speed.)		8	**Partial open function ON/OFF & Partial open height setting** “0~C” (The maximum height is “C”.)	
4	**Auto closing on/off & Auto closing countdown time setting.** “0~9” (The maximum time is “9”, means 135s.)		9	**Transmitter buttons recognition function setting** “0” & “1”	
5	**Auto closing trigger condition setting (Door position)** “1” & “2”				

Dispaly	Function and description	Video	Dispaly	Function and description	Video
A	**Soft stop distance adjustment** “1~3” (The maximum distance is “1”.)		F	**Community function (Parking lot function) ON/OFF** “0” & “1”	
b	**Reversal position ignoring setting while obstruction** “0~9” (The maximum height is “9”.)		L	**Opening force adjustment setting** “1~9” (The maximum lifting force is “9”.)	
C	**Wired pass door sensor port setting (NO/NC)** “0” & “1”		O	**Motor Forward / Reverse rotation adjustment** “0” & “1”	
d	**Wired photo beam function ON/OFF** “0” & “1”		P	**Wired E-Lock function ON/OFF** “0” & “1”	
E	**Maintenance alarm operation cycles count setting** “0~5”				

D Wiring



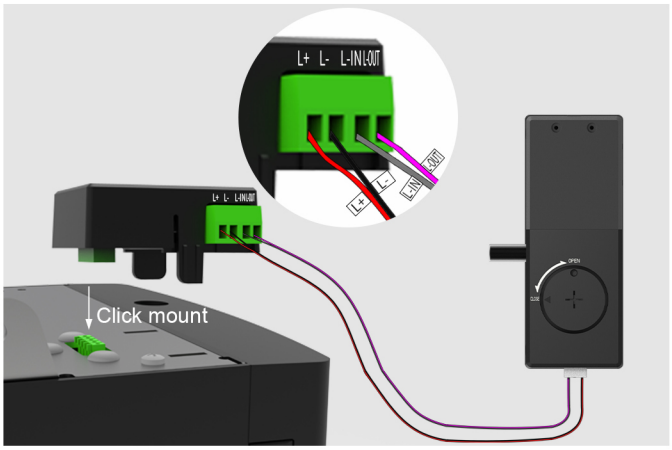
The garage door opener has above types of wiring ports.
Please check your motor to find the corresponding port and wire it according to the diagram.

Remark:
Please turn off low power mode before connecting external devices to the 24V / GND port.

0.4W Long press the 0.4W button for 3 seconds to trun off the low standby mode.

0.4W The green indication light will turn off.

Wired E-Lock (Optional)



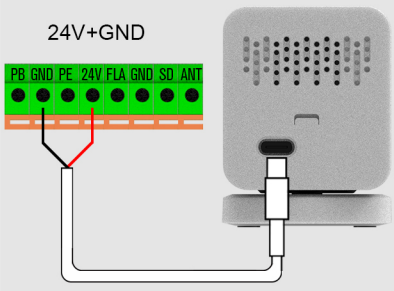
Remark: Activate the Wired E-LOCK function on the opener setting menu P

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)



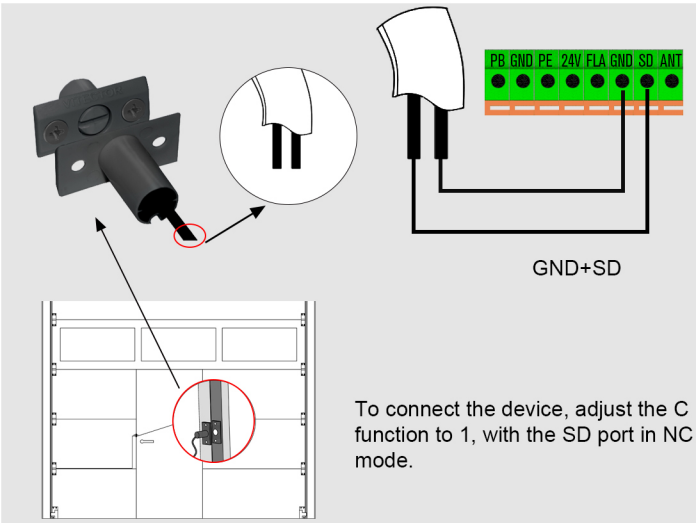
Remark: Before connecting the camera, please turn off the low standby mode. Otherwise the camera may not working properly.

0.4W Long press the 0.4W button for 3 seconds to trun off the low standby mode.

0.4W The green indication light will turn off.

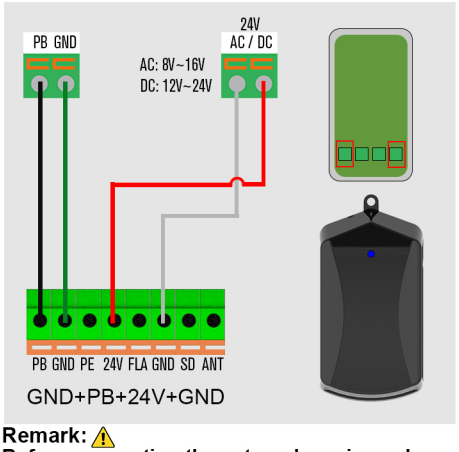
Power connection from camera to opener

Pass door protection device



To connect the device, adjust the C function to 1, with the SD port in NC mode.

Universal receiver (Optional)



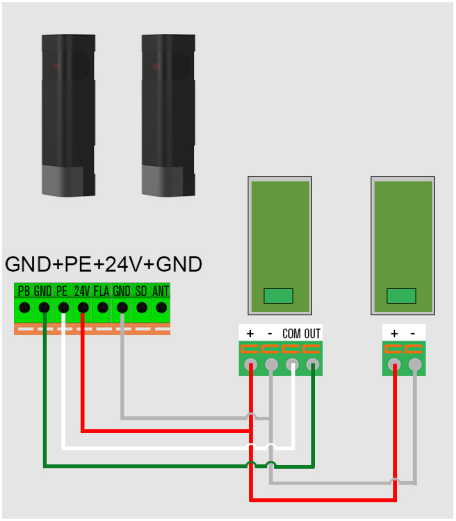
Remark: ⚠
Before connecting the external receiver, please turn off the low standby mode. Otherwise the receiver may not working properly.

Long press the 0.4W button for 3 seconds to trun off the low standby mode.

The green indication light will turn off.

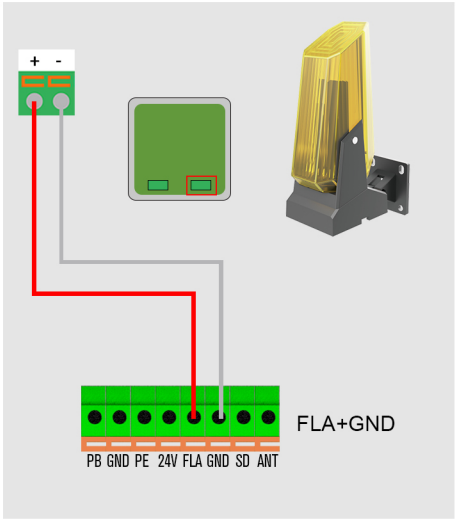
Notice:
Special attention to the wiring.
Wire in red color should be always go to 24V port on garage door opener.
In case of wrong wiring, there may cause damage to the receiver, or even other connected devices.
Remark
1. PB (External Push Button) port should be with “NO” contact.

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 Falsh 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≤ 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
o	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 (Mechnical parts and springs) or replace a stronger power motor.	
U	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 (Mechnical 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	
H	Hall sensor/wiring fault/Component fault on PC board.	1. Inspect connections. 2. Replace the PC board.	
h	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.	
r	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.	
F.	Exceeds limit of paired remote controls.	Delete all stored codes on the Opener (Refer the instruction manual).	
H.	Pass door safety protection function is triggered	1. Check the pass door and ensure it has been closed compeletly. 2. Check the pass door sensor performance.	
t	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.	
n.	Activated the low standby model when a USB-WIFI module is installed.	Low standby mode fails to activate when a USB-WIFI module is installed Remove the USB-WIFI module before restarting low standby mode	
P	Activated the low standby mode when the wired E -Lock function had been enabled on the motor.	Low standby mode fails to activate when the wired E-Lock function had been enabled on the motor Turn off the wired E-Lock function before restarting low standby mode	