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Xhouse

Xhouse Automatic Sliding Gate Opener



Product Usage Instructions

- Determine the installation position of the motor base plate and fix it on a cement foundation using embedded bolts or expansion bolts.
- If the rack is already installed on the door, fix the motor on the base plate after adjusting the position.
- Place the sliding gate opener on the base plate and secure it with screws.
- Connect the power cord according to the electrical wiring diagram, adjust the position, and then install the cover.
- Install the racks teeth down after mounting the motor and connect them with screws.
- Ensure proper alignment and clearance between racks to avoid jitter or jamming.
- When the clutch is opened, you can manually push the door; when closing the clutch, the electric door can operate automatically.
- Power Supply: AC 24V; can connect an external 24V battery for charging.
- Application Range: DC motor of sliding door.

- Transmitter Encoder: Custom rolling code, up to 128 transmitter capacity.
- Motor: 24V DC Motor.
- Features: limit function, resistance sensitivity adjustment, fast and slow speed running, auto-closing function, and photocell obstacle sensing.

FAQ

Q: Can I manually push the gate when needed?

A: Yes, you can manually push the gate when the clutch is opened to the correct position.

Q: How far is the remote control distance?

A: The remote control distance is up to 50 meters.

Summary

- This equipment is one of the auto gate openers launched by our company adopting a new design and integrated control system.
- Our new sliding gate opener has many features such as: low noise, light weight, powerful starting torque, stability, reliability and is compact and stylish.
- The motor will still work for a short period of time using lower voltage.
- The control board has overload protection.
- When there is a power failure, the motor drive can be separated by the use of the clutch, by using the specified key the user has the ability to disconnect the clutch enabling the gate to be opened or closed manually.
- Using the optional infrared photocells, the gate will automatically stop and re-open if an obstacle is sensed.

Appearance and Dimensions

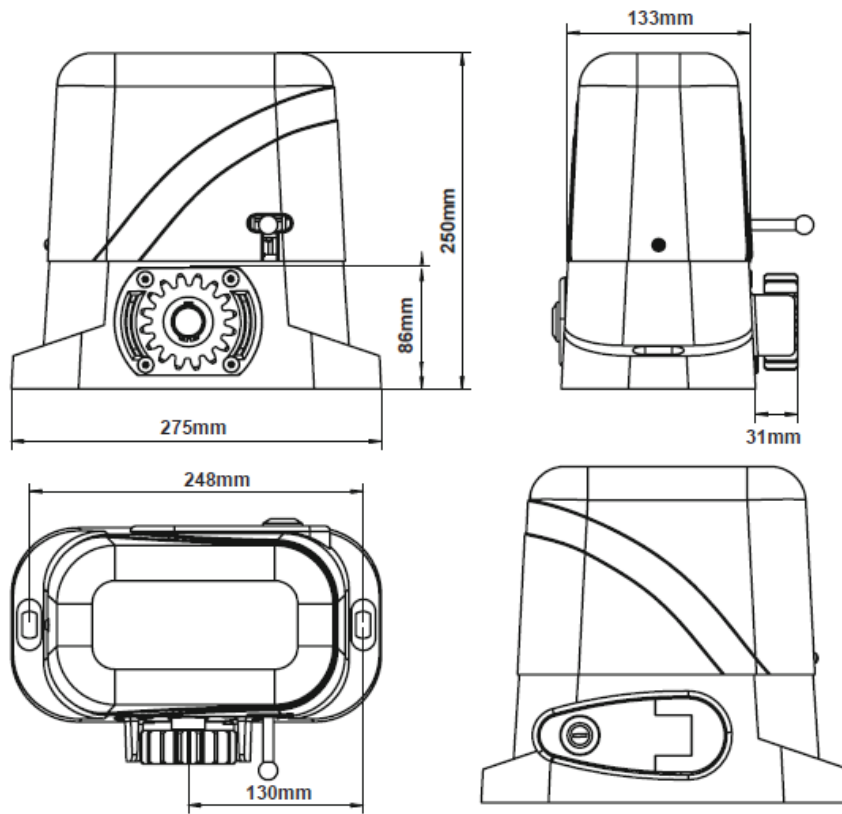


Diagram 1

Parameters

- Working Temperature of Motor: $-25^{\circ}\text{C} \sim +55^{\circ}\text{C}$
- Working Humidity: $\leq 85\%$
- Power Supply: $220\text{VAC} \pm 10\% / 110\text{VAC} \pm 10\%$ 50Hz/60Hz
- Motor Voltage: 24VDC
- Rated Power: 130W
- Output Gear Module: $M=4$
- Output Gear Number: $Z=16$
- Open(Close) Speed: $V=26\text{cm/s}$
- Rated Speed: 1400RPM
- Maximum Pull: 650N
- Maximum Load: 500kg
- Net Weight: 10kg
- Remote Control Distance: ≤ 50 meters
- Packing: In a Standard Carton
- Protection Class: B

Installation of Mechanical Parts

Installation of Motor Base Plate

1. Depending on the installation size of the motor and mounting height of racks, after determining the installation position of the motor base plate, first let the bolt embedded or use an expansion bolt to fix base plate fixed on watering good cement foundation. See diagram 2

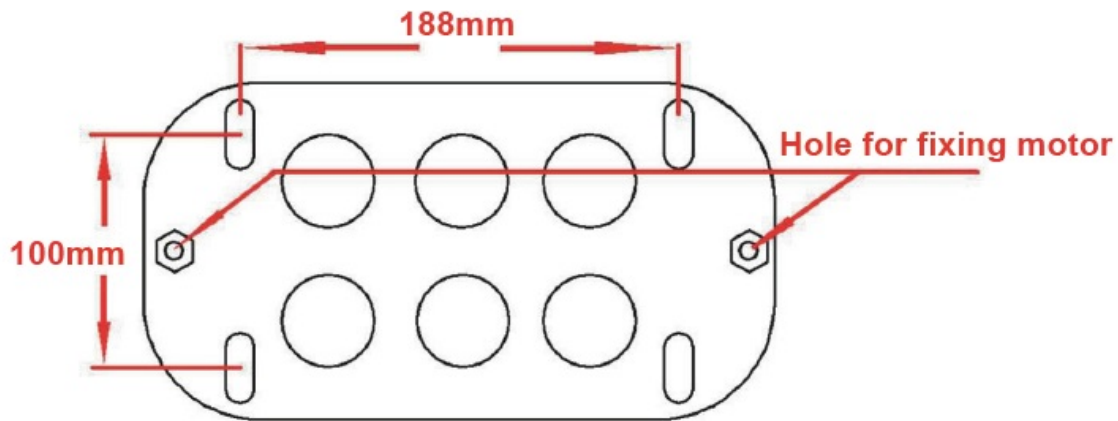


Diagram 2

2. If the rack has been installed on the door, the motor can be fixed on the base plate. use a Allen key rotation to the clutch “off” position, the motor and the gear rack so as to better determine the position of the motor base plate, then remove the motor and fixed base plate.

Installation of Gate Opener

1. Let the sliding gate opener be put on the base plate. use a random matching hexagon screw make the motor fixed on the base plate.
2. Unscrew the screws that fixed the motor cover, and then remove the motor cover according to the electrical wiring diagram. Connect the power cord, after adjust in a good position, then install cover and use screws to fixed it.

Installation of Racks

1. After the motor is installed, the racks teeth down, then put the gear on the motor. And final connected with screws and gate. push the door with hand. So can let door sliding it and can move it without any problem. after confirmed, fixed the racks.
2. Rack is usually unit assembly, in order to avoid gate run jitter or jammed, rack and joint clearance must be corrected. Suggest use this way, see diagram.
3. With a small correction of the rack, after connecting right with racks 1 and 2, then

fixed racks 1 and 2.

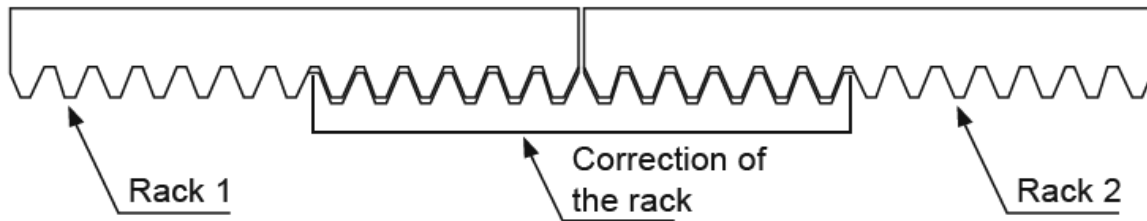


Diagram 3

Installation of Limit Levers

- There are 2 limit levers supplied. Note there is a left-hand and a right-hand lever.
- The levers should be installed one at either end of the rack. See Diagram 4.
- To install the levers in the correct position, open the clutch door and press the “CLOSE” button on the remote. The motor will run but will not drive the gate. Close the gate manually and adjust the limit lever to contact the toggle switch and switch the motor off at the desired gate position. To adjust the stop position of the gate when it is open, press the ‘OPEN’ button, manually open the gate and adjust the other limit lever to contact the toggle switch and switch the motor off.
- When you are satisfied the levers are in the correct positions, tighten the screws in the levers to clamp them to the rack, close the clutch door and using the remote control, check the gate opens and closes to the desired positions. Adjust the limit levers if necessary.

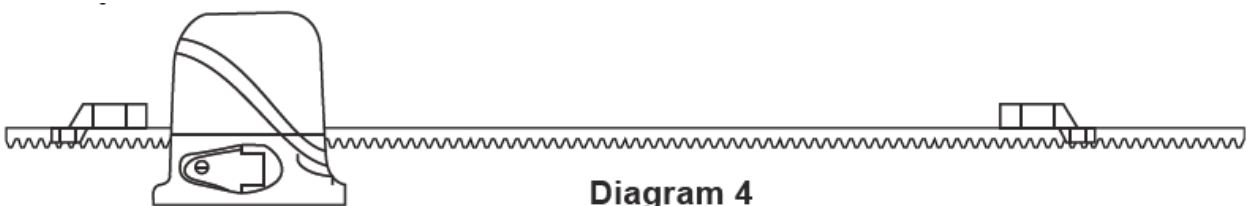
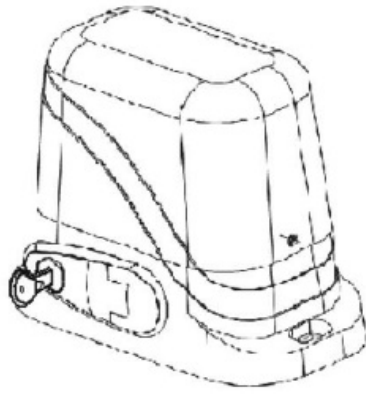


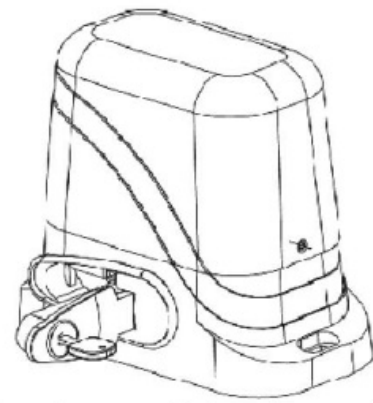
Diagram 4

Function of Clutch

- When the clutch is opened to the open position, you can manually push the door; when closing the clutch, electric door can run on, off, when touching the limit, the bezel will stop automatically.



Insert key, rotate 90 degrees CW

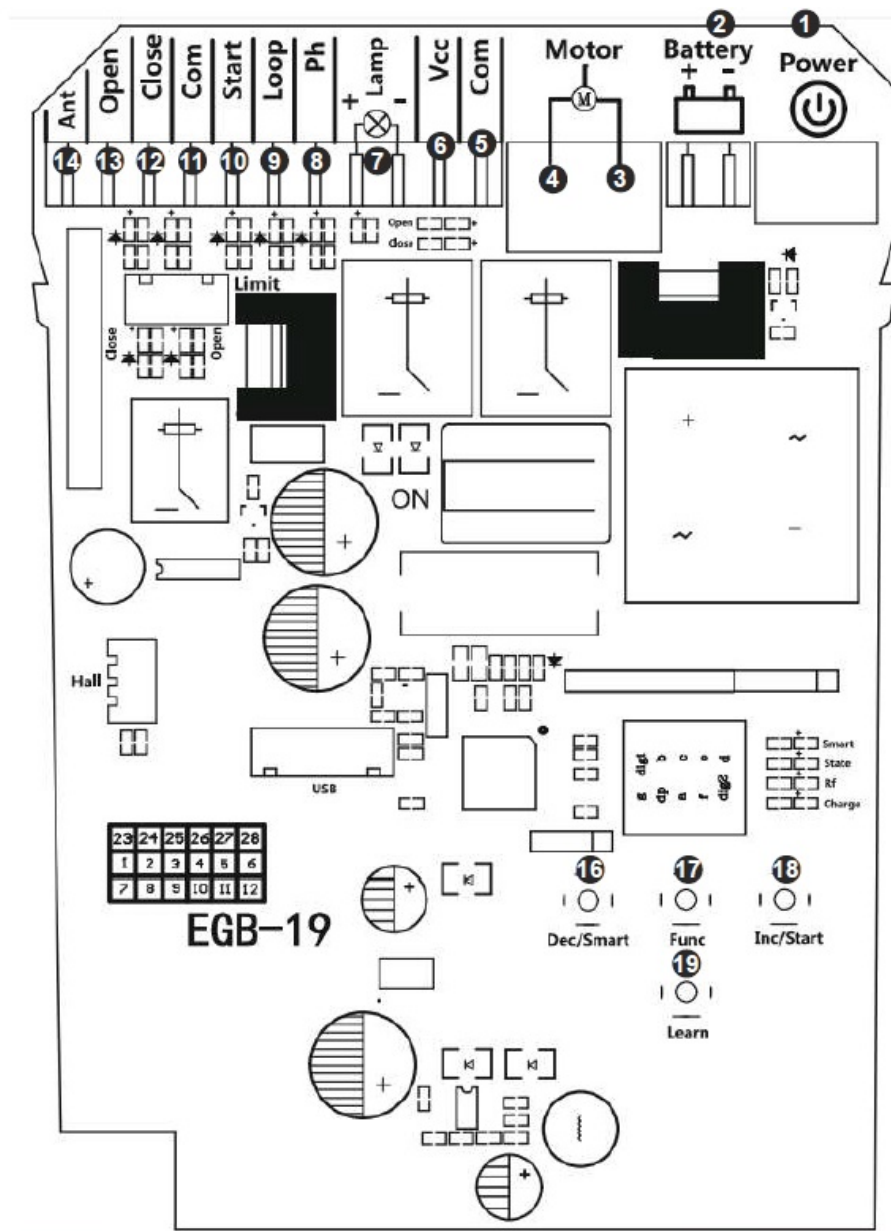


Releasing arm in torsion, wriggle 90 degrees, gate operator will be in releasing state

Features Overview

1. Power Supply: AC 24V; available for connecting external 24V battery and battery charging, 24V output for external power supply.
2. Transmitter Encoder: Custom rolling code, maximum capacity of 128PCS transmitter.
3. Application Range: applied for DC motor of sliding door.
4. Motor: 24V DC Motor
5. Features: the limit function; resistance function, resistance sensitivity adjustable, fast and slow 2 speed running; fast running speed adjustable; motor automatically protected time 90s; auto-closing function can be set on/off optionally; automatic closing time adjustable; control panel single button control; available for connecting photocell, once the obstacle sensed by photocell while the door is closing, the door will stop and bounce back to open state; opening the door by swiping card.
6. Matching remote: RC-SM12G, RC –SM01G, RC-SM27G

Control Board



Technical Parameters

1. Board power supply DC 24-28V or AC 19.6-24V
2. Battery power supply: DC 24V
3. Remote control: Giant customized rolling code
4. Remote control memory: max support 128pcs.

Connection of The Power Supply:

WARNING: NEVER connect the gate opener to the power outlet before all the installations have been done.

1. If batteries are chosen as the power source, the batteries should be waterproof type, or be placed in waterproof circumstances.

2. 2PCS 12VDC batteries can be connected in series to function as 24VDC.

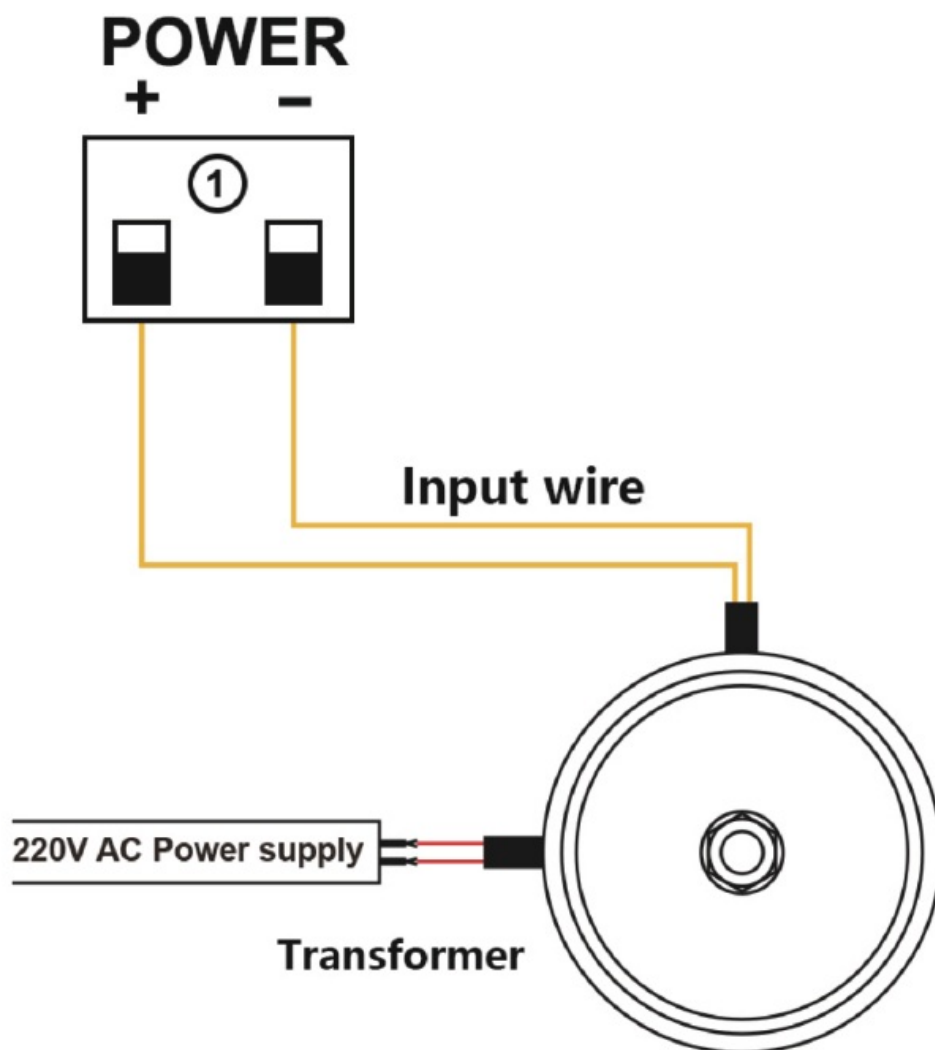
The following diagram shows how to connect 2 PCS batteries in series.

3. Please note that the wire connection of the power supply system is very important.

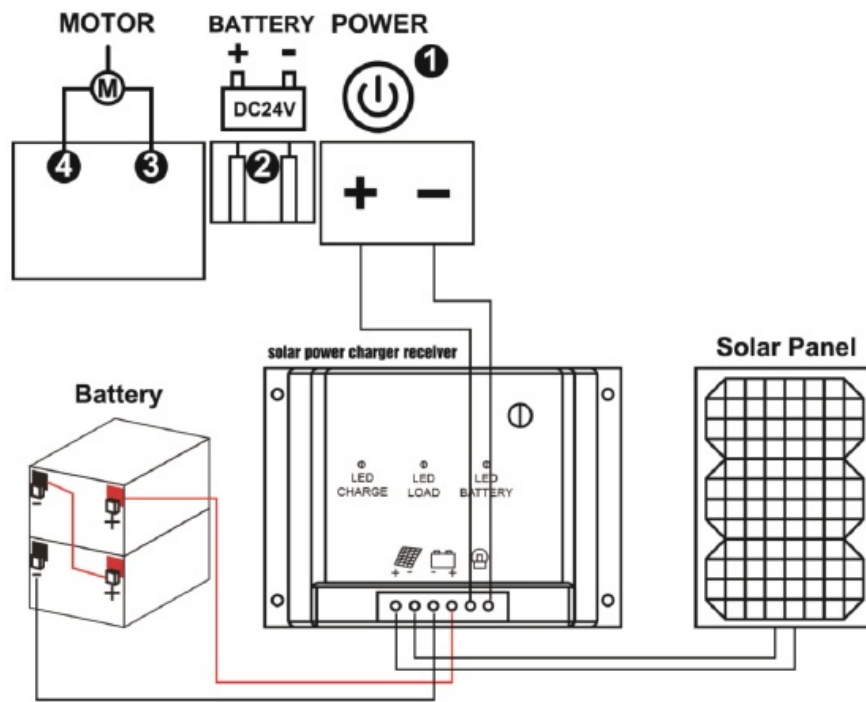
An incorrect wire connection will damage the control board.

Note! If you also purchase the back up batteries from the manufacturer, before you using them to provide power to the gate opener system, please fully charge the batteries first.

Power Mode 1. By AC electricity and a transformer, only use AC transformer to supply the power.

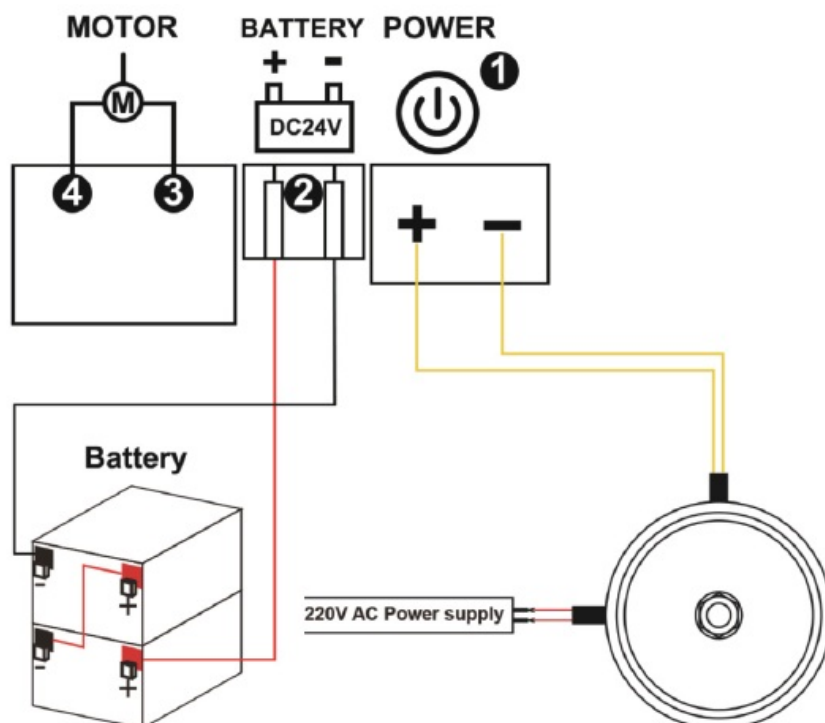


Power Mode 2. Only use the batteries as the power source, use the solar panel and power charger receiver to charge the batteries.



- Before you using the backup batteries to provide power to the gate opener system, please fully charge the batteries first.
- Power Mode 3. By AC electricity and back-up batteries, only use the AC transformer to charge the batteries.

If AC electricity failure happens rarely (less than 8 hours per day), then you can use a minimum of 2*12V DC batteries as a backup power source in case of AC power failure.

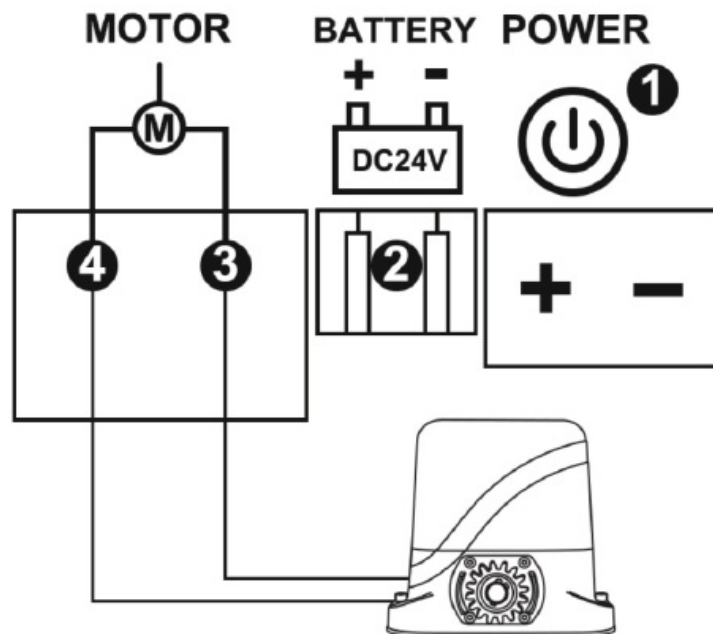


Terminal and Buttons Instruction

- 1. POWER: used for connecting with DC 24-28V or AC 19.6-24V.
- 2 . BATTERY: use for connecting with the DC 24V battery.
- 3&4. Motor: used for connecting with DC 24V sliding gate motor.
- 5.COM: used for connecting with the COM terminal or GND.
- 6. VCC: 24V output is for connecting to an external device. (such as a photocell sensor).
- 7.Lamp +/-: used for connecting with flashing light, output voltage is DC 24V.
- 8.PH: used for connecting with the photocell sensor.
- 9.Loop: used for connecting with loop detector etc device.
- 10 . Start: It is a single-button control mode switch for controlling the gate by “open – stop – close – stop – open” cyclically.
- 11.COM: used for connecting with the “ground” of external devices.
- 12 . Close: used for connecting with any external devices that will operate to close the gate.
- 13 . Open: used for connecting with any external devices that will operate to open the gate.
- 14 . ANT: antenna connection.
- **Note** : Terminals 5 and 6 are supplying power for external devices.

Buttons Function description

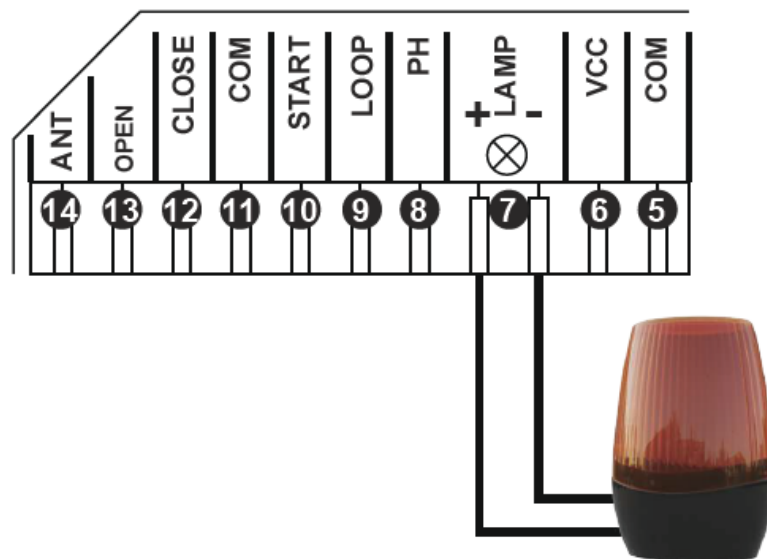
- 15. Digital display: used for showing you the setting data.
- 16.DEC/SMART: used for decreasing the setting of the data or operating the smart module.
- 17 .FUN: Used for enter the menu setting and confirm the data.
- 18.INC/START: used for increasing of setting the data or operating the single button control mode.
- 19. LEARN: used for programming/erasing the remote control.



Connect terminals ③ and ④ with the motor.

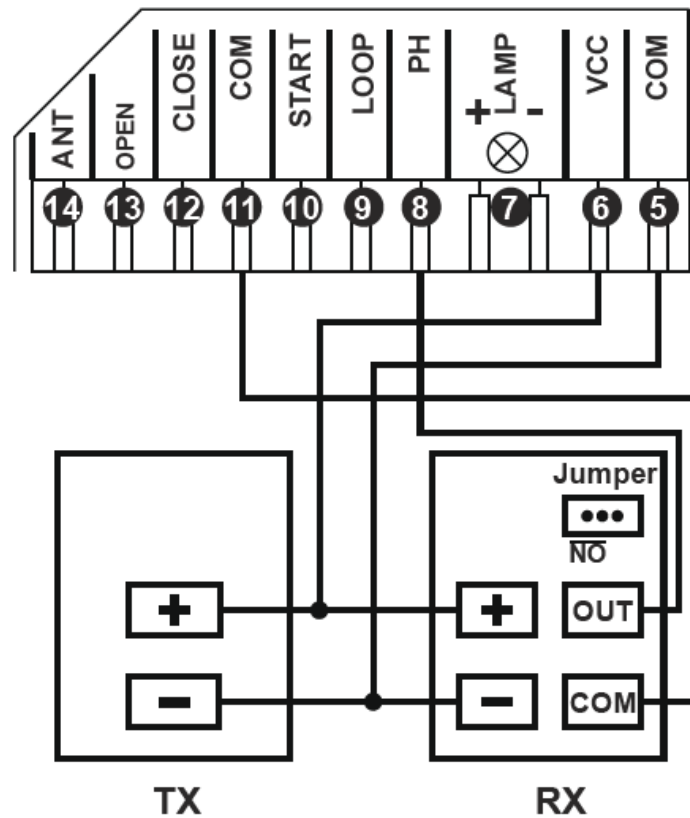
- Please note: Our factory setting is to install motor on the right-hand of gate!
- When you want to install motor on the left-hand of gate, please enter the digital display menu to set the parameter J2 value from 0 to 1 and set F1 value from 0 to 1.

Flash lamp wire diagram



- Connect terminal ⑦ lamp +/- with the flash lamp.

Safety beam wire diagram

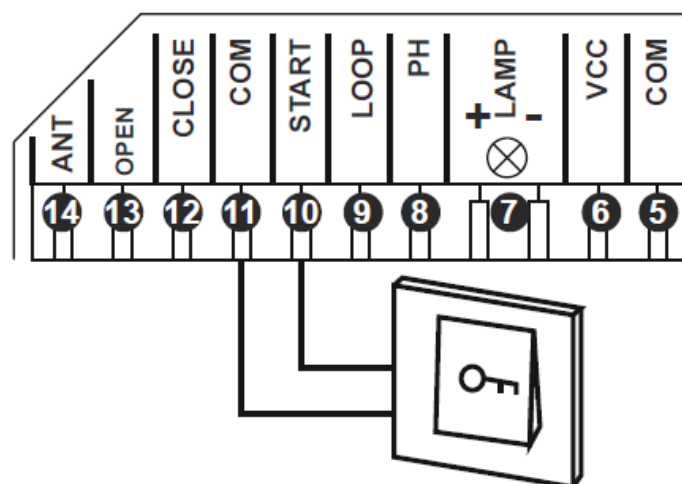


Photocell sensor use for gate meeting resistance:

- Connect terminal 14 with the “COM “ of photocell RX.
- Connect terminal ⑧ with the “OUT “ of photocell RX.
- Connect terminal ⑥ with the “+ “ of photocell RX and TX.
- Connect terminal ⑤ with the “- “ of photocell RX and TX.

Connect with start terminal

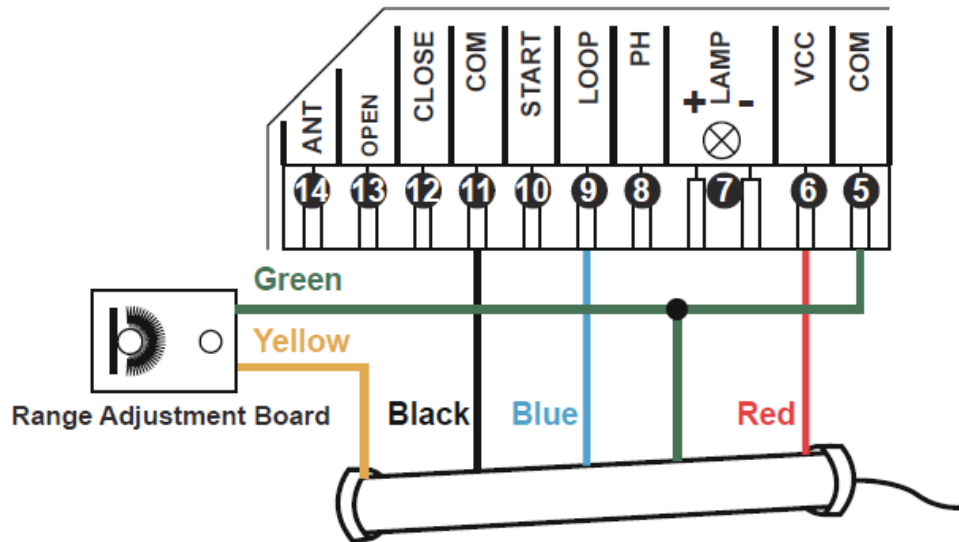
- Start terminal is used for connecting with some external devices, such push buttons, wired keypads, receivers etc. Control gate by “ open-stop-close-stop-open ” mode.



Terminal ⑩ and are for connecting with the push button.

Note! If you connect the swipe card or wired keypad, etc, devices, please also connect with ⑥ Vcc and ⑤ Com to get the power supply.

Safety beam wire diagram



Loop detector wire information:

- Definition of the 5-core cable
- RED → Input Voltage (+)
- GREEN → Ground/Common (-)
- BLACK → Relay's Common
- BLUE → Relay's Normally Open
- YELLOW → Range adjustment potentiometer (POT)
- Red wire: connect with terminal ⑥.
- Green wire: connect with terminal ⑤ and range adjustment board.
- Black wire: connect with terminal .
- Blue wire: connect with terminal ⑨.
- Yellow wire: connect with range adjustment potentiometer.

How to Program or Erase The Remote

Program the remote: Short-press the learn button and then release, the LED indicator will light on. Now user needs to press the button on the remote control, with the buzzer short beep, which means the remote code learning is successful, and the digital LED will

show the number of remotes that were learned.

After the user presses the learn button, within 8 seconds, if the controller doesn't receive the signal from the remote, the controller's LED indicator will turn out and exit the code learning statute.

Note: Due to the digital display only can show two words, if the controller already learned more than 99pcs remote, from the 100th remote, the digital display will show A to replace the ten and hundred digits. Such as the 100th remote will show A0, and the 101st remote will show A1. If the controller already learned more than 109 remote, from the 110th remote, the digital display will show b to replace the ten and hundred digits. Such as the 110th remote will show b0. And the 120th remote will show C0.

Max capacity

- 128pcs remote. If the digital LED shows “-” with a buzzer short beep 5 times, then means can not learn more remotes.
- Erase the remote: Press and hold the learning button for 5 seconds, while the user hears the buzzer with a long beep, release the button, and the digital display shows “00”. Now all remotes can not control the gate.

How to Operate The Gate Opener

Each remote has 4 buttons, can set them with different work mode independently through the digital display menu L1, L2, L3 and L4,

- 0: No function.
- 1: Open-Stop-Close...
- 2: Pedestrian mode.
- 3: Open only.
- 4: Close only.
- 5: Stop only.
- 6: Turn auto close off via remote

Control Board Function Description

Item	Description
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Power on	After the control board powers on, the buzzer will sound, and the digital display will show model number and version, and the state indicator LED will lit up.
Open / Close LED indicator	While the gate opener work normally, opening the gate will turn on blue, and closing the gate will turn on red.
Auto travel learning	<p>The newly installed motor needs to operate the auto travel learning once before the high and low speeds can be normally allocated.</p> <p>After the auto travel learning is completed, the gate motor will automatically allocate the high and slow speeds. The high and slow speeds for opening and closing can be set through the digital display menu.</p> <ol style="list-style-type: none"> 1. Before starting the auto travel learning, the gate must be fully closed. 2. Enter the menu, select Pr, set 5, and confirm to start the auto travel learning 3. The gate will automatically open and close to remember the travel time. 4. Setting Motor slow speed running time for opening and closing separately through the menu. The larger the value, the slower speed running time. <p>During the auto travel learning process, if any control occurs, such as RF control, Pedestrian terminal trigger, safety beam trigger, etc., the auto travel learning will be interrupted and the learning operation needs to be restarted. If the auto travel learning fails halfway, the buzzer will sound twice, and the learning will be longer if the learning is successful.</p>

Setting slow speed running time	After completing the auto-travel learning, the gate opener will automatically set the slow speed running time for opening and closing from 0 – 5 levels. The bigger the value is, the slower speed running time. 0 means No slow speed running time.
Setting running speed for opening and closing	The gate opener can set the high speed and slow speed for opening and closing from 0 – 5 levels. The bigger the value is, the higher speed of running. If you adjust the running speed, please operate the auto-travel learning again.
Overcurrent	<p>The overcurrent function can achieve an anti-smashing car. While the gate is opening, it detects the overcurrent and stop.</p> <p>If the gate is closing and detects the overcurrent, the user can set different response modes through the digital display menu.</p> <p>0: reverse back to the opened position. 1: Reverse to open the gate for 1 second. 2: reverse to open the gate for 3 seconds.</p> <p>3: stop. Setting the overcurrent for opening and closing the gate through the digital display menu.</p>

Limit switch mode	<ol style="list-style-type: none"> 1. When the gate is fully opened/closed, and trigger the limit switch , the motor will auto stop. 2. The control board supports working with NO and NC limit switches, and can set the limit switch mode of NO and NC mode through the digital display menu. 3. The control board can switch the limit direction through the digital display menu. When the digital display show “Lr” means the limit switch detects a bug (limit error). Please check whether the limiter is damaged or in poor contact, or whether the normally open and normally closed mode (menu F0) set by the system does not match the actual limit switch type.
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Setting of Loop terminal	<p>The loop detector have 2 functions for optional, set them by the digital display menu: Mode 0: When the gate is opened or opening, trigger the loop terminal, when the loop signal is gone, will auto close immediately.</p> <p>When the gate is on closing, trigger the loop terminal, the gate will rebound to open right now. And after the loop signal is gone, then the gate will auto-close immediately.</p> <p>Mode 1: When the gate is opened or closing, trigger the loop terminal, the gate will rebound to open right now. After the gate is opened, will enter the auto close timer countdown, set the timer by the digital display menu.</p>
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<p>Safety beam mode</p>	<p>The safety beam mode can be selected by menu, the default mode is 0, it is the normal open mode.</p> <ol style="list-style-type: none"> 1. While the gate is closing, if the Ph terminal is triggered, the gate will reverse back to open. 2. If set the auto-closing timer after fully opening, after the safety beam signal is gone, the gate will be auto-closed. 3. If the safety beam signal exists, the gate closing action will not be executed and the auto-closing timer after fully opening will always be reset.
<p>Auto-closing timer for fully opening</p>	<ol style="list-style-type: none"> 1. The auto-closing function is only triggered after the gate is fully opened. 2. Auto-closing timer for fully opening can be set through the digital display menu. 3. When the auto-closing timer start to count down, the STATE LED will flash one time each second. 4. When the gate is fully opened and in the countdown for closing, if there is a button on the remote control is used to cancel the auto-closing command, the user can operate it to cancel the auto-closing timer. Note: Cancellation only cancels this time, and the gate can be auto-closed next time when it is fully opened.

Flash Lamp Mode	<p>The digital display menu can set the lamp work mode.</p> <p>Mode 0: Flashing light and motor will operate and stop at the same time. Mode 1: The flashing light will turn off 30 seconds after the motor stop.</p> <p>NOTE: No matter you choose the mode 0 or mode 1, when the gate is on the auto-closing timer countdown status, the lamp will also light on.</p>
Motor protection	<p>As soon as the motor runs continuously for more than 120s, the motor will automatically stop working to protect itself.</p>
Setting of start terminal	<p>The start terminal can be setting with different functions through the digital display menu. 0: Open-Stop-Close. (factory default)</p> <p>1: Pedestrian Open-Stop-Close.</p> <p>2: Open only.</p> <p>3: Close only.</p> <p>4: Stop only.</p>
Setting of open terminal	<p>The open terminal can be set with different functions through the digital display menu. 0: Open-Stop-Close...</p> <p>1: Pedestrian Open-Stop-Close... 2: Open only.(factory default)</p> <p>3: Close only.</p> <p>4: Stop only.</p>

Setting of a closed terminal	<p>The close terminal can be set with different functions through the digital display menu. 0: Open-Stop-Close...</p> <p>1: Pedestrian Open-Stop-Close....</p> <p>2: Open only.</p> <p>3: Close only.(factory default) 4: Stop only.</p>
Pedestrian mode	<p>The remote button and Pedestrian terminal can trigger the Pedestrian mode, the gate will partially open then stop, not fully open. This mode is convenient for users walking in and out. The pedestrian mode works with “ open-stop-close-stop...”</p> <p>The Pedestrian mode timer and auto-closing timer after Pedestrian mode can set through the digital display menu.</p>
Smart charging function	<p>When the battery voltage is lower than $26V \pm 1$, the control board will activate the smart charging function. When the battery voltage exceeds $28V \pm 1$, the charging circuit is automatically disconnected to prevent overcharging. Note: The main power supply needs to be connected properly before the battery can be charged.</p>
Upgrade control board	<p>Before you upgrade the system, please confirm the U disk document is FAT32 or not.If not, please format the U disk as FAT32.</p>
system by USB device	<p>Copy the upgrade file into the root directory of the U disk and name it EGB-19.bin. Insert the U disk into the upgrade module, and then connect the upgrade module to the USB port. Enter the menu, select PU, select 5 for the value, and start the upgrade after confirmation.</p>

Smart Module (optional)	<ol style="list-style-type: none"> 1. Program the 2.4G transmitter: short press DEC/SMART button once, the buzzer will make a beep, and the LED indicator will light on, enter the programming mode. Transmit a signal from the 2.4G transmitter. if the LED flashes twice and keeps lighting on, means the programming operation is successful. Otherwise, after 8s exit the programming mode. 2. 2.4G control mode: While the module receives the 2.4G signal, it will trigger to open the gate once. 3. Add the Bluetooth device: <ol style="list-style-type: none"> ① Open the XHouse app, enter the add device page, select the Bluetooth device. ② Select the correct Bluetooth device, press the add button. (The Bluetooth device modename is XHOUSE_092BLE_XXXXXX XXXXX X is its serial number) 4. Bluetooth device control mode: The app page has 3 buttons, including open, close, stop. 5. Initialize Bluetooth device: Hold press DEC/SMART button for about 5s, the buzzer will sound a short beep twice, release the button, the operation is successful. 6. Reset Bluetooth device: Hold press DEC/SMART button for about 10 seconds, the buzzer will sound a long beep, release the button, the module will clear all 2.4G transmitters and initialize the Bluetooth device.
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Control Board Digital Display Menu Setting

- Press and hold the [FUN] button for 3 seconds, and the digital display will indicate “A0”, then release the button. now the menu can be set to [INC/START] and [DEC/SMART] for increasing and decreasing numbers or values.

- After adjusting the value, press the [FUN] button to store the data, and the buzzer will beep one to show the store is successful.
- After the menu setting is finished, press the [LEARN] button to exit the menu setting and close the display.

Item	Function description	Value	Factory set	Explanation
A0	Opening the overcurrent setting in high speed	0~20 level	10	Opening the overcurrent setting in high speed, the bigger the value is, the harder the motor to stop. Setting value from 0-20.
A1	Closing the overcurrent setting in high speed	0~20 level	10	Closing the overcurrent setting in high speed, the bigger the value is, the harder the motor to stop. Setting value from 0-20.
A2	Opening the overcurrent setting in slow speed	0~20 level	10	Motor 2 opening overcurrent setting in slow speed, the bigger the value 18 is, the harder the motor to stop. Setting value from 0-20
A3	Closing the overcurrent setting in slow speed	0~20 level	10	Motor 2 closing overcurrent setting in slow speed, the bigger the value is, the harder the motor to stop. Setting value from 0-20
A8	Overcurrent sensitivity	0~3 level	0	The bigger the value is, the longer the overcurrent sensing time is. Setting value from 0-3.

A9	Overcurrent reaction	0~3	0	<p>Setting overcurrent reaction of gate: 0: Reverse back to the end.</p> <p>1: Reverse back 1 second and stop. 2: Reverse back 3 seconds and stop. 3: Stop.</p>
B0	Setting slow speed running time for opening	0-5 level	2	Used for setting the slow speed running time of the gate opening, gate will run in slow speed within this setting, then change to high speed with its rest travel. Setting from 0-5 seconds.
B1	Setting slow speed running time for closing	0-5 level	2	Used for setting the slow speed running time of the gate closing, gate will run in slow speed within this setting, then change to high speed with its rest travel. Setting from 0-5.
C0	Auto-closing timer for fully opening	0-99 seconds	0	Setting from 0-99 seconds, 0 means No auto-closing for fully opening.
D0	Speed of high speed for opening	0-5 level	5	Setting speed of high speed for opening, setting from 0-5
D1	Speed of high speed for closing	0-5 level	5	Setting speed of high speed for closing, setting from 0-5

D 2	Speed of slow speed for opening	0-5 levels	2	Setting speed of slow speed for opening, setting from 0-5
D 3	Speed of slow speed for closing	0-5 levels	2	Setting speed of slow speed for closing, setting from 0-5
E 0	Pedestrian mode	0-15 seconds	6	0 means No pedestrian mode.
E 1	Auto closing timer for pedestrian mode	0-99 seconds	0	0 means No auto-closing for pedestrian mode
F 0	Limit switch mode	0-1	1	0 NC mode. 1 NO mode.
F 1	Switch the limit direction	0-1	0	0: Default direction. 1: Switch direction.
F 2	Safety beam mode	0-1	1	0 NC mode. 1 NO mode.
F 3	Flash Lamp Mode	0-1	0	0: Flashing light and motor will operate and stop at the same time. 1: Flashing light will turn off 30 seconds after the motor stop.

F 4	Setting of Loop terminal	0-1	0	<p>0: When gate is closing, triggering the terminal, gate will reverse back to open. When the loop signal is gone, will auto-close immediately.</p> <p>When the gate is opened, triggering the terminal, when the loop signal is gone, will auto-close immediately. 1: Loop is only used to open the gate.</p>
F 5	Auto-closing timer of loop terminal	0-99 seconds	0	Setting from 0-99 seconds, 0 means No auto-closing for the loop terminal.
G 0	Setting of start terminal	0-4	0	<p>0: Open-Stop-Close...</p> <p>1: Pedestrian mode open-stop-close...</p> <p>2: Open only. 3: Close only. 4: Stop only.</p>
G 2	Setting of open terminal	0-4	2	<p>0: Open-Stop-Close...</p> <p>1: Pedestrian mode open-stop-close...</p> <p>2: Open only. 3: Close only. 4: Stop only.</p>


G 5	Setting of close terminal	0-4	3	<p>0: Open-Stop-Close...</p> <p>1: Pedestrian mode open-stop-close...</p> <p>2: Open only. 3: Close only. 4: Stop only.</p>
J2	Switch the motor operation direction	0-1	0	<p>0: Default direction.</p> <p>1: Switch direction</p>
L 1	Button A function (Remote control)	0-6	1	<p>0: No function.</p> <p>1: Open-Stop-Close... 2: Pedestrian mode.</p> <p>3: Open only. 4: Close only. 5: Stop only. 6: Cancel the auto-closing function once.</p>
L 2	Button B function (Remote control)	0-6	0	<p>0: No function.</p> <p>1: Open-Stop-Close... 2: Pedestrian mode.</p> <p>3: Open only. 4: Close only. 5: Stop only. 6: Cancel the auto-closing function once</p>

L 3	Button C function (Remote control)	0-6	0	<p>0: No function.</p> <p>1: Open-Stop-Close. 2: Pedestrian mode.</p> <p>3: Open only. 4: Close only. 5: Stop only. 6: Cancel the auto-closing function once.</p>
L 4	Button D function (Remote control)	0-6	0	<p>0: No function.</p> <p>1: Open-Stop-Close. 2: Pedestrian mode.</p> <p>3: Open only. 4: Close only. 5: Stop only. 6: Cancel the auto-closing function once.</p>
Pr	Trigger auto-traveling learning	0-10	0	<p>Setting from 0-10.</p> <p>Set 5 will trigger the auto travel learning. 0 means No auto travel learning.</p>
P U	Upgrade the system using by USB device	0-10	0	<p>Setting from 0-10.</p> <p>Set 5 will trigger to upgrade the system. 0 means No upgrade the system.</p>
P o	Factory reset	0-10	0	<p>Setting from 0-10.</p> <p>Set 5 will trigger to reset operation. 0 means No reset.</p>

Control Board Digital Display Menu Information Show

1. When the gate starts to open, the digital display will show 1S “OP”
2. When the gate starts to close, the digital display will show 1S “CL”
3. After the gate stops moving, the digital display will show 1S “—”
4. When the gate moves to the full open limit, the digital display will show 1S “LO”
5. When the gate moves to the full close limit, the digital display will show 1S “LC”
6. When the motor reaches max working time, the digital display will show 1S “EC”
7. After the motor triggers the overload protection, if the motor run with high speed and the digital display will show 1S “OH”, otherwise, the digital display will show 1S “OL”.
8. After the photocell is activated, the digital display will show 1S “PH”
9. After the loop is activated, the digital display will show 1S “LP”
10. When the PED mode is activated, the digital display will show 1S “Pd”
11. When the limit switch is broken or has a bug, the digital display will show “Lr”
12. Cancel the auto-closing, the digital display will show “CC”

Documents / Resources

	Xhouse Automatic Sliding Gate Opener [pdf] User Manual Automatic Sliding Gate Opener, Sliding Gate Opener, Gate Opener, Opener
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References

- [User Manual](#)

Automatic Sliding Gate Opener, Gate Opener, Opener, Sliding Gate Opener,
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