Wireless Keypad Manual

Warnings:

1. Note that automatic gate and door systems must be installed exclusively by qualified technical personnel in full compliance with statutory legislation.
2. Before starting the installation procedure check that the values given in the "Technical Specifications “chapter are compatible with the application.
3. This product has been designed to control door openers, gate openers and similar mechanisms. Any other use of the product will be considered improper.

Packing list

No.	1	2	3	
Picture/Name	Wireless keypad	Screws	Manual	Allen wrench

Technical parameters:

1. Power supply: 6VDC 2 CR2032 (230mAh) lithium battery
2. Battery life: about 2 years, based on 10 times per day
3. Operating frequency: 433.92 MHz +/-75 KHz
4. Encoding format: HCS101 standard format
5. Working temperature: -20 ° C ~ +55 ° C
7. Number of passwords: 0 to 8 digits
8. Launch distance: Wide distance 200 meters,indoor distance 35 meters
9. Protection level: IP54
10. Dimensions: 85 × 75 × 35mm
11. Weight: 150g

Product description

1. This is a dual channel transmitters that are activated only after having entered a Suitable combination.
2. The units are designed for installation in indoor or outdoor locations.
3. That ensures the utmost security because the transmitted code is changed at each transmission session.
4. The estimated transmission range is 200 m in open space and 35 m indoors.
5. The units are designed to ensure battery life equivalent to an estimated 2 years of operation considering 10 transmissions/day.

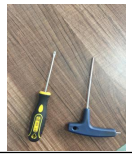
Function description

Automatic lighting: when the ambient light is insufficient, the button input signal led automatically lights up;
Automatic standby: when there is no input signal for 10 seconds, the system automatically enters the power-saving standby state;

Audible signal	**status**
1 short beep	Keypad tone
1 long beep	Change password successfully (or transmit code)
3 long beeps	Modification of combination confirmed
5 short beeps	Error during combination put or combination edit operation
10 rapid beeps	Battery low warning signal New batteries required
Low Voltage Alarm: When the cell voltage is under 4 volts, each time after pressing the button, it’ll make a beeping sound twice.	

Installation

Step1: Tools (A&B or A&C)

Screwdriver Allen wrench	Hand electric drill	Hammer and nail
A 	B	C

Step2: Installation

1.Remove the metal cover	2.Unscrew the hex screws	3.Make 4 holes on this plate with tool B or C	4.Embedded plastic expansion screws on the wall	
				5. At last, Install the plate on the wall and screw the keypads on the plate.

Note:

1. Before physically installing it in their mounting position it is good practice to perform a practical test to assess their functionality and effective range.
2. Consider that range may be up to 25 or 30% less when battery power is low.

3. Apart from the distance from the receiver, the units should not be positioned in the vicinity of or-worse still-in contact with metal structures, which could otherwise exert a signal shielding effect.
Thanks to the enclosure protection rating of IP 54, the digital selectors can be installed outdoors if required.

Instructions for use

The wireless keypad has two channels: "Channel 1" and "Channel 2", you can choose one of them.

Channel 1:
Enter the password of channel 1, press <, (original password is "11");
If the password is correct, send channel 1 coded signal and 1 long beep;
If the password is incorrect, the buzzer will give 5 short beeps.

Channel 2:
Enter the password of channel 2, press >, (original password is "22");
If the password is correct, send channel 2 coded signals and 1 long beep;
If the password is incorrect, the buzzer will make 5 short beeps.

Note:
1. If you do not press > (or <) within 10 seconds after entering the password, the original input password is invalid, you need to re-enter the password, and then press > (or <).
2. If the password is 027, the passwords similar to 27 and 0027 are not considered correct.
3. If the password is 0 (no password): directly press > (or <) to send the corresponding channel code.
4. If the number of digits entered is greater than 8 digits, it will be processed as an error password.

Change the password

Channel 1: The factory password is preset to: 11.
Step1: Press button"0" and hold it;
Step2: Press button <, then release button <;
Step3: Release button"0", enter password change state, buzzer will send 1 long beep;
Step4: Input original password, and press <;
Step5: Enter a new password, such as 28111976 (no more than 8 digits), press <;
Step6: Enter the new password 28111976 again, then press <.
The password is changed successfully, the buzzer emits 1 long beep.

Channel 2: The factory password is preset to: 22.
Step1: Press button"0" and hold it;
Step2: Press button >, then release button >;
Step3: Release button"0", enter password change state, buzzer will send 1 long beep;
Step4: Input original password, and press >;
Step5: Enter a new password, such as 28111976 (no more than 8 digits), press >;
Step6: Enter the new password 28111976 again, then press >.
The password is changed successfully, the buzzer emits 1 long beep.

Note:
1. If the new password exceeds 8 digits or the new password is inconsistent, the password change error will be displayed, the buzzer will make 5 short beeps and exit the password change status.
2. In the password change status, if you do not enter the password, and you press the button > (or <) twice, the password is 0 digit, that means no password, just press the button > (or <) to send the encoded signal.

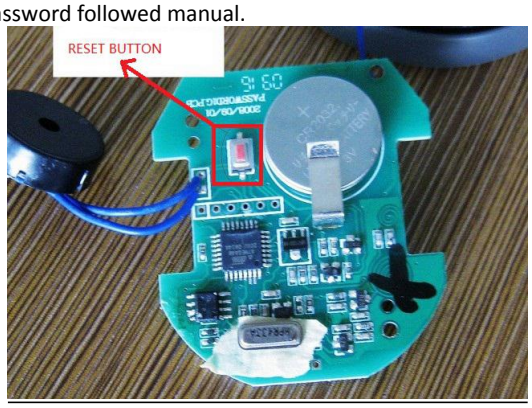
Code matching

Channel 1:
Step1: Press the "learning button" on the gate opener control panel.
Step2: Input the password of 1-8 digits, press <;
Step3: Input the password of 1-8 digits again, press <;
Step4: The indicator on the control panel flashes, indicating successfully;
Step5: Re-enter the password of 1-8 digits, press < to confirm whether you can control the gate opener.

Channel 2:
Step1: Press the code button on the gate opener control panel.
Step2: Input the password of 1-8 digits, press >;
Step3: Input the password of 1-8 digits again, press >;
Step4: The indicator on the control panel flashes, indicating successfully;
Step5: Re-enter the password of 1-8 digits, press > to confirm whether you can control the gate opener.

Reset the password

If you forget the correct password, please open the wireless keypad, and press the "RESET BUTTON". Then the old correct password will be cleared (Revert to factory password), you can set a new password followed manual.



Note:
1. Encoding definition, output encoding in standard HCS101 format, 28-digit serial number (with 57 limit);
2. The serial number will be randomly generated when the first use or when the password is reset to the factory value, you need to do the code matching again;
3. The channel 1 and the channel 2 respectively have corresponding serial numbers and synchronization counters, that is to say, even if the passwords of the two channels are the same, the corresponding serial numbers may be different. In this case, if two channels are used to control one control panel, please matching code separately.

FCC Caution：

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-Reorient or relocate the receiving antenna.

-Increase the separation between the equipment and receiver.

-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.