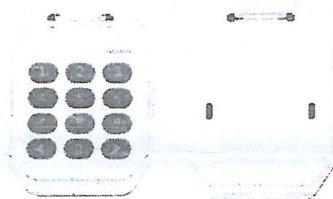


Wireless Keypad Manual

The keypad is according to initial settings, can transmit as Rolling code of company.

The estimated transmission range is 200 m in open spaces and 35 m indoor.

The units are designed to ensure battery life equivalent to an estimated of 2 years of operation considering 10 transmissions/day. However, it is recommended to replace it every 12 months to ensure optimal performance, especially in locations subject to high temperature ranges.



Quick setting:

CH1: 0-<-11-<-12345678-<-12345678-<

CH2: 0->-22->-87654321->-87654321->

● Technical Parameters

Working voltage	3V (2 AAA batteries, lasts 2 years if 10 transmissions/day.)
LOW voltage	2.2 ± 0.15V
Operating current	<40mA
Standby current	≈ 3mA
Sleep current	<10uA
Operating temperature	-20°C - +55°C.
Operating frequency	433.92 MHz +/-75KHz
Code	HCS301 standard format
Number of Password bits	0 to 8 bits
Default factory password	1 Channel# 1('11'), 2 Channels#2 ('22').
External dimensions	95 × 74 × 35mm
Protection level	IP54
Transmission Range	200m (open area), 35m (indoor)

● Product description

This Keypad adopts rolling code coding format. Pressing any key in hibernation state can wake up the microcontroller, at this time, the upper right corner of the LED lights up.

*Auto lighting: the LED will light up automatically when any key is pressed;.

*Auto standby: when no key is pressed for 10 seconds in a row, the system automatically enters the power-saving standby state;

Buzzer alert description:

Audible signal	Status
1 short beep	keypad tone
2 low beep	Battery low warning signal New batteries required
3 short beep	Restore Factory Settings
5 short beep	Error during combination input or combination edit operation
1 long beep	Modification of combination confirmed (or send the signal after enter the correct password)

(Low Voltage Alarm: When the battery voltage is lower than the rated value, the buzzer alerts each time the key is released.)

1. Method of use:

* Methods for 1-channel transmit codes: Enter the password for 1 channel and then press the '<' key

* Methods for 2-channel transmit codes: Enter the password for 2 channel and then press the '>' key

- ① If the password is correct, the buzzer sounds long and sends the code for about 2 seconds.
- ② If the password is incorrect, the buzzer will beep 5 times in a row, and then you can operate again.
- ③ If the password is set to null: the code can be sent directly by pressing the '<' or '>' key.

2. Changing the Password:

2.1 Changing Channel 1 Password:

- a) Press and hold the '0' key and then briefly press the '<' key. Release both keys after hearing a long beep from the buzzer, indicating that you are in password change mode.
- b) Enter the current password and press the '<' key.
- c) Enter the new password and press the '<' key to confirm.
- d) Re-enter the new password and press the '<' key again to confirm.

Example: 0 < 11 < 12345678 < 12345678 <

- If successful, the buzzer will emit a long beep.
- If unsuccessful, the buzzer will emit five short beeps indicating that the two passwords do not match.

2.2 Changing Channel 2 Password:

- a) Press and hold the '0' key and then briefly press the '>' key. Release both keys after hearing a long beep from the buzzer, indicating that you are in password change mode.
- b) Enter the current password and press the '>' key.
- c) Enter the new password and press the '>' key to confirm.
- d) Re-enter the new password and press the '>' key again to confirm.

Example: 0 > 22 > 87654321 > 87654321 >

- If successful, the buzzer will emit a long beep.
- If unsuccessful, the buzzer will emit five short beeps indicating that the two passwords do not match.

No Password Set:

If no password is set, simply press the '<' or '>' key twice to transmit the code directly.

3. Restoring Factory Default Password:

If the password is forgotten, press and hold the "Reset" button for about 5 seconds while in sleep mode. Release the button, when the buzzer beeps, and the passwords for both channels will be restored to the factory default.

Default factory password: Channel#1:11; Channel#2:22