

# Wireless keypad K50XX User Manual

## I. Safety Instruction

1. It is only allowed to be installed by professional.
2. Ensure that the numerical value needed is the same as the specification before installing.
3. It is only used for automatic gate and other similar mechanical devices.

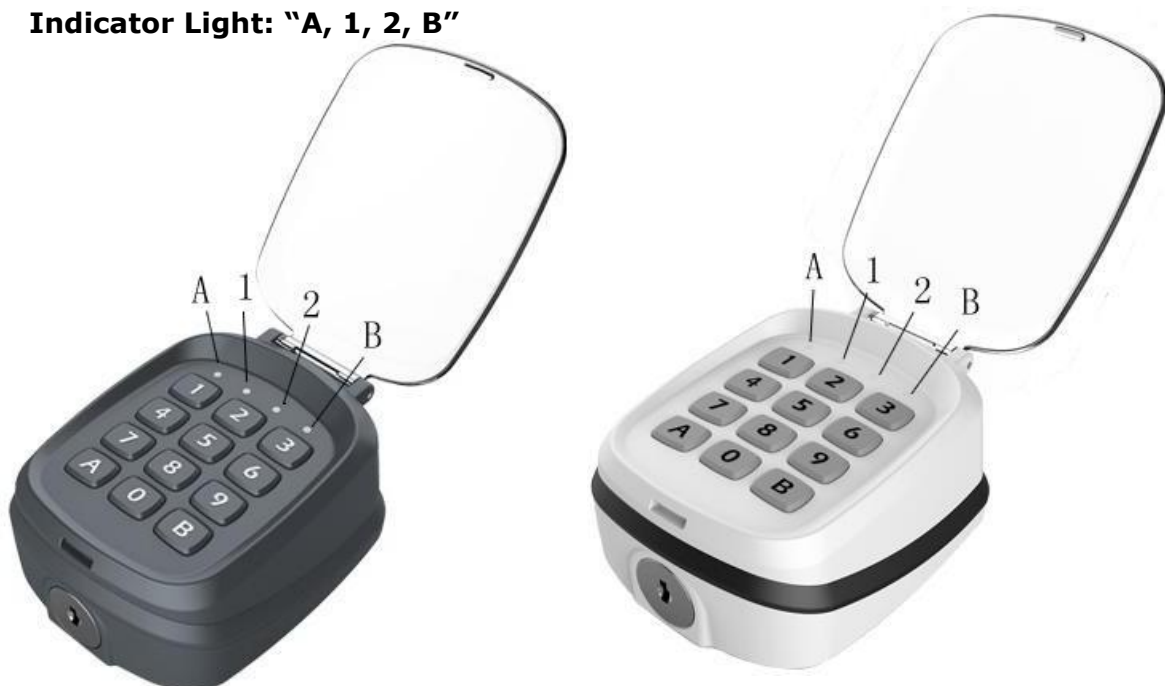
## II. Product Instruction

1. It is a 2-channel Transmitter (433.92MHz) and only can be activated by pressing correct password.
2. It can be installed both inside and outside room.
3. The product can ensure the maximum safety because of the changing code for each time.
4. Working range can reach 100 meters in the open area outdoor. Indoor range is 35m.
5. Use CR2450 battery; working voltage is 3V; loading capacity is 580mAH.Weight 239g.
6. The design extends the battery life. It can work for 2 years with 10 operations per day.
7. Instruction of Led light and key button:

	NO	NAME	MEANS
Led definitions (from left to right)	1	A	Button 1 one transmitter A
	2	1	Press response
	3	2	Battery voltage low, or enter your new password again when you modify the password
	4	B	Button 2 on transmitter B
Key definitions	0~9	Number keys	Password
	A、B	Letter keys	A: Button 1 on transmitter A. B: Button 2 on transmitter B.

**Size : 93\*73\*43mm**

**Indicator Light: "A, 1, 2, B"**



### III. Operation Instruction

Keypad needs a password, for example,

Enter 0~9 in any combination of numbers on the keypad, press button A or button B according to the actual situation. Press button A to select receiver channel 1, press the button B to select receiver channel 2.

It is only sending out signal when you press the correct password, if you enter the incorrect password then no response. It is only recorded the last entered 6 bit password, for example, if the correct password is "123456", then "\*123456" is the right password ( '\*' representative any number); but "123456#" is wrong password.

If press wrong password, there is no response for either button A or button B, you should to press the correct password again.

It should be less than 4 seconds when pressing each password number, otherwise you need to press again.

Factory set up password for channel 1 and 2 are 000000

### IV. Password Modification

Channel 1 password modification: Keep press button A. Eg:

Step	Press button	LED
1、Keep pressing button A longer than 2 seconds	Button A (keep pressing)	"A" light up
2、Write the old password and press button A	000000 button A	"A+1" light up
3、Write the new password and press button A	654321 button A	"A+1+2" light up
4、Write the new password again and press button A	654321 button A	"A+1+2"Flash together twice and then off

Channel 2 password modification: Keep press button B. Eg:

Step	Press button	LED
1、Keep pressing button B longer than 2 seconds	Button B (keep pressing)	"B"light up
2、Write the old password and press button B	000000 button B	"B+1" light up
3、Write the new password and press button B	123456 button B	"B+1+2" light up
4、Write the new password again and press button B	123456 button B	"B+1+2"Flash together twice and then off

Attention 1: If the two passwords are same, you can press button A or button B after pressing the password.

Attention 2: It is not valid if you don't enter the number when set up the password.

Attention 3: It is not valid if you press two different passwords when set up new passwords or the wrong old password.

Attention 4: As for 4-digit models, their initial password is 0000.

### V. Regular Operation

Channel 1---regular operation in the practical application, Eg:

Press the password of channel 1	654321
Press button A	Button A
Less than 4s, then re-press button A	Can transmit signal
More than 4s, then re-press button A	Can't transmit signal

Channel 2---regular operation in the practical application, Eg:

Press the password of channel 2	123456
Press button B	Button B
Less than 4s, then re-press button B	Can transmit signal
More than 4s, then re-press button B	Can't transmit signal

## VI. Reset Password

If password is lost, then need to open the lock with the key, take apart the battery. Keep pressing any button for 2s, meanwhile, remount the battery then release button. Led "B, 2, 1, A" light on at the same time and goes off one by one, then password will back to the initial setup as "000000". Initial password can be changed into others according to the above operation (ATTN: Keypad and receiver or controller need to rematch again after reset the password).

## VII. Low Voltage Alarm

If the battery voltage is lower than 2.4V, the indicator light "1,2" will turn on together when pressing number "0-9" (Remind user to replace with new battery).

## VIII. Model list

Model	Frequency	Color	Password	After button A and B learning into multichannel
K5000	433.92MHz	White	6-digit	A controls multichannel 1, B controls multichannel 2
K5010	433.92MHz	White	6-digit	A controls multichannel 1, B controls multichannel 2
K5001	433.92MHz	Black	6-digit	A controls multichannel 1, B controls multichannel 2
K5011	433.92MHz	Black	6-digit	A controls multichannel 1, B controls multichannel 2
K5003	433.92MHz	White	4-digit	A controls multichannel 1, B controls multichannel 2
K5004	433.92MHz	Black	4-digit	A controls multichannel 1, B controls multichannel 2

## IX. To learn a receiver

How to learn keypad channel 1 to a receiver ?

Press the learning button on receiver and the LED light turns red, and press the button A on keypad twice after enter the password for keypad channel 1. LED light on receiver will be flashing and turns Green.

Learning process is finished.

It is the same for channel 2.

## X. Installation

- It's better to test the functionality of product and effective working range before installation
- The range of remote control may reduce 25%-30% if the battery is low power.
- The product is with dust cover, keep it closed after use the keypad and open it before pressing password to operate.

### 10.1 Position

Besides Keeping away from other receiver, do not install the product near nor connect metal object, otherwise the signal will be shielded. It can be installed outside according to user's needs because of the IP54 protection.

### 10.2 Installation

1. Open the package, take out accessories, and open the lock by turning the key clockwise.



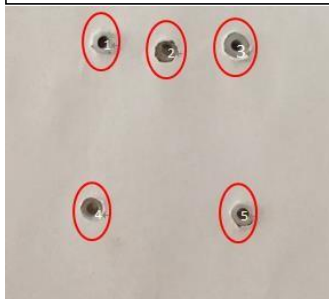
2. Take apart it, and open the location holes marked on the base.



3. Locate the base where needs to install, mark the 5 opened holes in order to fix them.



4. Punch 5 holes of  $\varnothing 6\text{mm}$  in the marked place and then install expansion screw



5. Use self-tapping screw TA4\*30 to fix the base.



6. Install the cover and turn the key anticlockwise, then remove the key.



**Attention: Screw NO ②,④,⑤ or ①,③,④,⑤ are needed only when installation.**

The interpretation and ownership of this manual belong to Hiland company. Any change of the product can be without prior notice.

**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.