



WIRELESS KEYPAD RT48

USER MANUAL



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.

Product Instruction

1. This is a Transmitter (433.92MHz) that can only be activated by entering the correct password.
2. As the product has IP54 protection, it is suitable for both indoor and outdoor installation, has a working range of up to 100 meters in open outdoor areas, and 35 meters indoors.
3. The product ensures maximum safety by utilizing a changing code for each activation.
4. The transmitter uses a CR2450 battery with a working voltage of 3V and a loading capacity of 580mAH. It weighs 239g.
5. The design of this transmitter extends battery life significantly, allowing it to function for up to 2 years with 10 daily operations.

	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



Installation

1. It is recommended to test the functionality and effective working range of the product before installation.
2. Please note that if the battery power is low, the effective range of the remote control may be reduced by 25-30%.
3. To ensure effective signal transmission, it is important to keep the receiver away from other devices.

STEP 1	STEP 2	STEP 3
Open the package, take out accessories, and unlock the case by key.	Disassemble the product and open the location holes marked on the base.	Locate the base where needs to be installed, and mark the position of holes that need to be drilled for fixing.
STEP 4	STEP 5	STEP 6
Using a punch tool, create 5 holes of $\Phi 6\text{mm}$ in the marked positions. Afterward, proceed to install the expansion screws into the holes.	Uses self-tapping screw TA4*30 to fix the base.	Install the cover and turn the key anticlockwise, then remove the key.



Password Modification

! The password is a 6-digit number, and the initial password for Mode 1 and Mode 2 are both 000000.

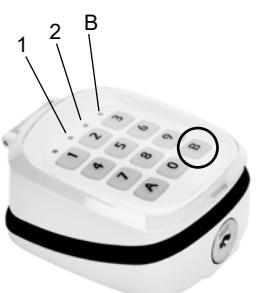
Modify the password of Mode 1

1. Keep pressing button A longer than 2 seconds until LED 'A' lights up.
2. Write the old password and press button A, and check LEDs 'A', '1' light up.
3. Write a new 6-digit password and press button A, and check LEDs 'A', '1', '2' both light up.
4. Write the new password again and press button A.
5. Observe if LEDs 'A', '1', '2' flash together twice and turn off, this indicates that setting is complete.



Modify the password of Mode 2

1. Keep pressing button B longer than 2 seconds until LED 'B' lights up.
2. Write the old password and press button B, and check LEDs 'B', '1' light up.
3. Write a new 6-digit password and press button B, and check LEDs 'B', '1', '2' both light up.
4. Write the new password again and press button B.
5. Observe if LEDs 'B', '1', '2' flash together twice and turn off, this indicates that setting is complete.



Regular Operation

! Each key press should not exceed 4 seconds, otherwise the signal to open the gate cannot be transmitted. Please wait a few seconds and re-enter the password.

- Press the password of Mode 1, and press button A to open the gate.
- Press the password of Mode 2, and press button B to open the gate.
- It is advised to keep the dust cover closed after using the keypad and open it before entering the password for operation.

Password Reset

1. Open the lock with the key and remove the battery.
2. Keep pressing any button for 2 seconds while reinserting the battery, then release the button.
3. Observe if the LEDs 'B', '2', '1', 'A' will light up simultaneously and then turn off one by one.
4. This indicates that the password has been reset to the initial setup as '000000'.

! Remember that after resetting the password, you will need to re-pair the keypad with the receiver or controller.



Battery Replacement

- If the battery voltage is lower than 2.4V, when you are pressing number '0-9', the LEDs '1', '2' will light up together. (To remind user replace a new battery).
- After unlocking the case by key, twist the knob and replace a new battery.



Receiver Learning

1. Press the learning button on the receiver to initiate the learning mode. The LED light will turn red.
2. Press button A twice and enter the password for keypad Model 1.
3. The LED light on the receiver will start flashing and then turn green, indicating that the learning process is complete for Mode 1.

Repeat the same process for Mode 2 setting.

FCC Caution:

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

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.

IMPORTANT NOTE:

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.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

FCC ID:2BCCM-RT48

Model: RT48