JJ-TKM-01 Wireless Keypad User Manual

Product overview

--Power supply: DC 6V (4pcs AAA 1.5v dry battery).

--Touch keyboard: 1-9, *, 0, #.

--Standby current: 18uA (Sleep mode), 6mA (working mode).

--Working current: 28mA (working mode).

--Three LED indicator light: Red, Green, Blue.

--Low battery indication: If the battery is low, keypad would have beep indication after every signal transmission is made.

-- Anti-vandal alarm. When the keypad is disassembled illegally, the buzzer will "beep" to alert.

-- 4 digits installer's pin code and 4 digits user's pin code setting.

-- RF learning code function: can learn commonly used fixed code, HCS301 rolling code.

-- Two channels RF 433MHZ transmitting.

-- Scrambled pin code.

-- Keypad buzzer on/off.

-- Keypad back light on/0ff.

-- Keypad security lock.

-- Factory default setting

-- Weatherproof

Operation Instruction：

-- When keypad enters programming mode, if the keypad does not receive the further command within 6s, keypad would exit programming mode automatically.

-- When misoperating the keypad during programming, you can enter programming mode again after keypad exits programming mode automatically.

-- When received the command "*"or "#", keypad would receive the command then judge the command is correct or not. If it is incorrect command, keypad would exit programming mode; or it is correct command, keypad would operate further.

-- When programming, if user key in users' pin code more than 4 digits, the keypad would recognize it as incorrect operation, then exit programming mode.

-- When keypad in working mode, if the interval time between inputting each digit is more than 6s, keypad would ignore the previous digit.

--if keypad is not learning any code, the red LED indicator would flash 5 times

***If there is no any operation in 20s, keypad would enter standby mode. If user need to operate keypad when it is in standby mode, then must press any button on keypad to make it back to working mode.

1. **Entering programming mode**

To enter programming mode, key in the 4 digits installer's pin code and end up with "*" key.

Note! The factory default installer's pin code is 0 0 0 0

        0+0+0+0+* => one long beep will follow to confirm.

Note: Blue LED lights on when entering programming, and it goes off when exit programming

2. How to change installer's pin code（4 digits）

For security reasons, you can change the installer's pin code to be one of your own, so no one else but you can only change and program the keypad in the future..

To change new installer's pin code as follows:

a. Enter programming => one long beep follow to confirm

b. Press (69) + (#) for changing the new installer's code => one short beep follow to confirm

c. Key in new 4 digits installer's pin code and end up with (#) key => one long beep and one short beep follow to confirm.

d. Keypad exits programming mode

3. How to Program each channel's pin code（4 digits）

Keypad has 2 channels, each channel can control different receiver independently

You can choose and program each channel to a different pin code as follows:

a. Enter programming => one long beep follow to confirm

b. Key in 2 digits channels' number you would like to program（01 for 1st channel; 02 for 2nd channel），

end up with（#）key =>the times of beep to indicate user which channel is programming now.

(1 beep for 1st channel; 2 beeps for 2nd channel)

c. Key in the new 4 digits pin code you choose for this channel, end up with (#) key. => one long beep and one short beep follow to confirm.

d. Keypad exits programming mode.

Example for programming 1st channel's pin code to be 2015

Entering programming: 0+0+0+0+*   => one long beep follow to confirm

Choose the channels' number: 0+1+#   => one short beep follow to confirm

Key in new pin code: 2+0+1+5+# => one long beep and one short beep follow to confirm.

Note!

（1）　1st channel can be programmed with 8 groups of pin code，2nd channel can be programmed with 3 groups of pin code.

（2）　If the pin code you programming now is already existed, the red LED indicator would flash 5 times and then exit programming mode.

（3）　After entering pin code programming, if the pin code is full programmed，the red LED indicator would flash 5 times to indicate you that now the pin code is full programmed, if user still key in the new pin code now within 6s, the previous programmed pin code will be deleted, this new pin code will be 1st pin code of this channel.

　　　Factory default pin code for 1st channel: 1111

　　　Factory default pin code for 2nd channel: 2222

4. How to turn off/on the keypad buzzer

Each press on keypad would follow with beep sound. But you can set the keypad to be silent mode as follows：

a. Enter programming mode => one long beep follow to confirm

b. Press (36) end up with (#). => one long beep and one short beep follow to confirm

c. Keypad exits programming mode.

Note!　Factory default setting the buzzer is on. In silent mode, buzzer will only sound in programming mode, but when press any button on the keypad, the backlight would flash to indicate. Keypad buzzer only has on/off condition. You could repeat the above a and b operation to turn off/on the buzzer cyclically.

5. How to turn off/on the keypad backlight

To prolong the lifetime of battery in the keypad, it is advised to turn off the backlight of keypad.

Turn off/on the backlight as follows:

a. Enter programming => one long beep follow to confirm

b. Press (39) end up with (#). => one long beep and one short beep follow to confirm

Note! Factory default setting the backlight is on. Keypad backlight only has on/off condition. You could repeat the above a and b operation to turn off/on the backlight cyclically.

6. How to check which channel a pin code belongs to

You can find which channel the pin code belongs to as follows:

a. Enter programming => one long beep follow to confirm

b. Press (86) end up with (#) => one long beep and one short beep follow to confirm

c. Enter the pin code of required channel you want check end up with (#).=>Keypad would indicate you the channel's number by the times of long beep sounds.

d. Keypad exits programming mode

Note! This programming is without long/short beep sound confirmation. For this operation, The times of the long beep is used for indicating the channel's number.

7. Battery test

The voltage level of the battery can be tested as follows：

a. Enter programming => one long beep follow to confirm

b. Press(89) end up with (#). => Battery is OK, then would have a long beep to indicate.

=> Battery is low, then would have short beep and the red LED indicator flashes to indicate

c. Keypad exits programming mode

Note! This programming is without long/short sound confirmation. For this operation, The long beep is used for indicating the battery is ok and the short beep is used for indicating the battery is low.

8. Delete the users' pin code

If you forget the multiple pin codes that programmed previously. You can enter into programming mode and delete all users' pin code for the security as follows：

a. Enter programming => one long beep follow to confirm

b. Press(00) end up with (#) => one long beep and one short beep follow to confirm

c. Now the users' pin code for each channel is factory default setting, other programmed pin codes are deleted.

d. Keypad exits programming mode.

9. Continuously transmitting 10s

For easy programming the wireless keypad to the receiver or control board, you can make it to transmit the code continuously for 10s of any of both 2 channels as follows:

a. Enter programming => one long beep follow to confirm

b. Press(55) end up with (#) => one short beep follow to confirm

c. Key in 2 digits of the channel number which you want it to transmit and end up with (#). (Example "01#" is for transmitting the code of 1st channel)

d. Keypad exits programming mode.

10. Scrambled pin code

In case you are accompanied by the person who might see the pin code while you key it in, you can scramble your pin code while you key it in. To prevent the visitors from seeing your pin code.

To key-in a scrambled pin code, you can simply press any digits (0-9) in the keypad.(except the "*" and "# " keys) as many times as you wish, after you finish the scrambled digits as you wish, then press the correct 4 digits pin code and end up with (#) . Keypad would automatically disregard all invalid scrambled digits you have keyed-in and transmit the correct channel after the (#) key is pressed.

11. Security lock

Keypad allows three attempts of wrong entire pin codes. After the third wrong entire pin codes key-in, the keypad will be locked for 2 minutes with 3 beeps and red LED light goes on. 2 minutes later, keypad would have one beep sounds and red LED indicator goes off to indicate the user keypad is unlock.

12. Keypad resetting（Required to disassemble the keypad）

When users forget the installer's pin code, you can reset the keypad to factory default setting as follows:

a. Awake the keypad

b. Disassemble the keypad

c. Press the reset button on the board for 5 seconds

d. Keypad buzzer has 8 beeps to indicate process finished