

# **Gate1® Outdoor Wireless Gate Keypad User's Manual**

**Model: GA15**



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- Please read and follow all warnings, precautions and instructions before installation and use.
- For residential use only.
- Save this manual for future reference.

## 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 will beep after every signal transmission is made. n
- Anti-vandal alarm. When the keypad is taken apart, the buzzer will "beep" to alert.
- 4 digit installer's user code and 4 digit user's user code setting.
- Two channels RF 315MHZ transmitting. -- Scrambled user code. -- Keypad buzzer on/off. -- Keypad back light on/Off.
- Keypad security lock.
- Factory default setting
- Weatherproof

## Operating Instructions

- Once the keypad enters the programming mode, further command must be made within 6 seconds or the keypad will exit programming mode automatically. You can enter programming mode again after the keypad exits the 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 the user codes, please remember that they have to be 4-digits. If more than 4-digits are entered during programming, the keypad will recognize it as incorrect, and exit programming mode.
- When keypad is in working mode, if the interval time between inputting each digit is more than 6 seconds, the keypad will ignore the previous digit.

If the keypad is not learning any code, the red LED indicator would flash 5 times.

**Note: If there is no operation within 20 seconds, the keypad will enter standby mode. If user needs to operate keypad when it is in standby mode, then press any button on the keypad to make it go back to working mode.**

### 1. Entering programming mode

To enter programming mode, key in the 4 digit installer's user code followed by the "\*" key.

Note: The factory default installer's user code is: 0 0 0 0

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

Note: Blue LED light will turn on when entering programming, and it goes off when you exit programming.

## 2. How to change installer's user code (4-digit)

For security reasons, you can change the installer's user code to another 4-digit code of your choice.

To program a new user code, proceed as follows:

- a. Enter programming mode (see 1.) - *A long beep will confirm that you are ready to proceed.*
- b. Press (**69#**) to change the code – *A short beep will confirm that you are ready to proceed.*
- c. Key in the new 4-digit user code of your choice, followed by the **#** key - *A long beep followed by a short beep will confirm that programming was successful.*
- d. The Keypad will exit programming mode automatically.

## 3. How to program each channel's user-code (4-digit)

The keypad has 2 channels. Each channel can control different receivers independently you can choose and program each channel to a different user code as follows:

- a. Enter programming - *A long beep will confirm that you are ready to proceed.*
- b. Key in the 2-digit channel number you would like to program (for example: 01# for channel 1 and 02# for channel 2), followed by the **#** key. - *the amount of beeps you hear indicate which channel is programming now. (1 beep for channel 1; 2 beeps for channel 2)*
- c. Key in the new 4-digit user code you choose for this channel, followed by the **#** key. - *A long beep followed by a short beep will confirm that programming was successful.*
- d. Keypad exits programming mode. Example for programming V channel's user code to be 201', 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 user code: 2+0+1+5+# => one long beep and one short beep follow to confirm.

### Note:

(1) Channel 1 can be programmed with a max. Of **8** user codes and channel 2 can be programmed with a max. Of **3** user codes. As a reminder when programming user codes, they must have 4-digits.

(2) If the user-code you are trying to enter is already in use, the red LED indicator will flash 5 times and then exit the programming mode.

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

Factory default user code for 1" channel is: : **1 1 1 1**

Factory default user code for 2" channel is: : **2 2 2 2**

#### 4. Delete the users' user-code

If you forget the multiple user codes that you previously programmed, you can enter into programming mode and delete all users' user code for the security. Follow these steps:

- a. Enter programming - *A long beep will confirm that you are ready to proceed.*
- b. Press **(00 #)** - *A long beep followed by a short beep will confirm that it was successful.*
- c. Now the users' user code for each channel will return to the factory default setting, all programmed user codes are deleted.
- d. Keypad exits programming mode automatically.

#### 5. Learning signal from transmitter

User can directly enter learning mode to learn the signal from transmitters as follows:

- a. Enter programming - *A long beep will confirm that you are ready to proceed.*
- b. Press **(59#)**, enter learning mode - *A short beep will confirm that you are ready to proceed.*
- c. Enter the channel's number as 2-digits (Example: **0 1** for channel 1) followed by the **#** key - *after one long beep, a green LED indicator light will turn on.*
- d. Now the keypad is ready to learn the signal from the transmitter. You have to press the transmitter for programming the signal to keypad within 10 seconds, then the green LED indicator will go off with one long beep to finish the process.

#### 6. 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 - *A long beep will confirm that you are ready to proceed.*
- b. Press **(36#)** - *A long beep followed by a short beep will confirm that it was successful.*
- c. Keypad exits programming mode.

Note: The factory default setting for the buzzer is **on**. If you have it in silent mode, the buzzer will only sound during programming mode. In order to activate the keypad, press any button on the keypad and the backlight will turn on to indicate you can proceed with your 4-digit code. You could repeat the above a and b operation to turn off on the buzzer cyclically.

#### 7. How to turn off/on the keypad backlight

To prolong the lifetime of the battery in the keypad, it is recommended that you turn off the backlight of the keypad. Turn off/on the backlight as follows:

- a. Enter programming - *A long beep will confirm that you are ready to proceed.*
- b. Press **(39#)** - *A long beep followed by a short beep will confirm that it was successful.*

Note: The factory default setting for the backlight is **on**. You could repeat the above a and b operation to turn off/on the backlight cyclically.

## 8. How to check which channel a user code belongs to

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

- a. Enter programming - *A long beep will confirm that you are ready to proceed.*
- b. Press **(86#)** - *A long beep followed by a short beep will confirm that it was successful.*
- c. Enter the user code of the required channel you want to check followed by the **#** key. – The keypad will indicate the channel's number by the amount of long beep sounds you hear.

*(Ex. Channel 1 – 1 long beep. Channel 2 – 2 long beeps)*

- d. Keypad exits programming mode

**Note:** This programming does not provide you with a long/short beep sound confirmation. For this operation, the times of the long beep is used for indicating the channel's number only.)

## 9. Battery test

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

- a. Enter programming -
- b. Press **(89#)** - If the Battery is fine, then you will hear a long beep. – If the Battery is low, then you will hear a short beep and the red LED indicator also flashes to indicate a low battery.
- c. Keypad exits programming mode

**Note:** This programming does not provide you with a long/short beep 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.

## 10. 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 - *A long beep will confirm that you are ready to proceed.*
- b. Press **(55#)** - *A short beep will confirm that you are ready to proceed*
- c. Key in 2 digits of the channel number which you want it to transmit, followed by the **#** key. (Example "**01#**" is for transmitting the code of channel 1)
- d. Keypad exits programming mode.

### **11. Scrambled user code**

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

To key-in a scrambled user code, you can simply press any digits (0-9) in the keypad. (**except the "\*" and "8" keys**) as many times as you wish, after you finish the scrambled digits as you wish, then press the correct 4-digit user code, followed by the **#** key . Keypad would automatically disregard all invalid scrambled digits you have keyed-in and transmit the correct channel after the (#) key is pressed.

### **12. Security lock**

Keypad allows three attempts of wrong entry user codes. After the third attempt, the keypad will be locked for 2 minutes with 3 beeps and the red LED light goes on. After 2 minutes, the keypad would make one beeping sound and the red LED indicator goes off to indicate the user keypad is unlocked.

### **13. Keypad resetting (Required to disassemble the keypad)**

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

- a. Awake the keypad by .pressing any key
- b. Disassemble the keypad.
- c. Press the reset button on the board for 5 seconds.
- d. Keypad buzzer has 8 beeps to indicate that the process is finished.