ALEKO™

Wireless Keypad

Model: LM172

Programming and Operating Instruction Manual



NOTE: Please read this manual carefully before install and use.

www.WholesaleGateOpener.com

Introduction

Thank you for purchasing the Wireless Keypad (LM172). The keypad has been integrated a LED backlight key feature. It will bring you great pleasure and convenience while you use it to operate LM/MK series Swing Gate Opener and DSC/R or SFG/SCG series Sliding Gate Opener. Be sure to read the manual carefully and completely before you permanently mounting the keypad, please program the keypad and test its range.

Keypad Description



LED backlight key



Battery Holder
Use 3×AAA(1.5V) battery

NOTE: 3×AAA(1.5V) battery is required to power the keypad

Use For LM/MK Series Swing Gate Opener

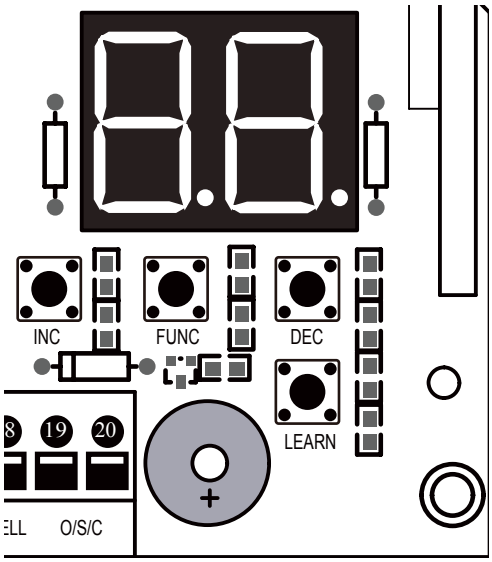
"Learn" Transmitter code

Make sure the control board of the opener is power on and in standby mode (LED flashes " -.- ."("- -")).

Step 1. Press and release "LEARN" button and then LED will display " L.n. "("Ln").

Step 2. Press "OK" button on the Keypad LM172 once to learn the keypad. Once the keypad has been learnt successfully, LED of the control board will flashes " L.n. "("Ln") for 2 seconds and then flashes " -.- " ("- -") again.

Now you can use the factory default password "888888" to operate the gate opener (Refer to the chapter "**HOW TO OPERATE LM/MK SERIES SWING GATE OPENER**" in manual).



Control Board of LM/MK Series Swing Gate Opener

NOTE: Once LED displays " L.n. "("Ln"), you must press the "OK" button on the wireless keypad within 1-2 seconds to learn the transmitter code, or you may have to start over.

How to Operate LM/MK Series Swing Gate Opener

Once the keypad LM172 has been learnt successfully, you can use default code to operate the gate.

1. When the gate stops in some positon and the opener is in standby mode, you can make it to move via the following steps:

Step 1. Press and release “PIN” button on the keypad LM172 and then enter the 6 digits entry code.(factory default entry code is “888888”)

Step 2. Press the ”OK” button within 1 second after step 1 to move the gate.

2. You can press the ”OK” button at anytime to stop the moving gate.(Entry code is not needed).

NOTE: The beeper of the keypad LM172 will beep at the press of any key. When you enter the entry code, each button should be pressed within 1 second. If an error has occurred, the beep will sound for 2 seconds before returning to normal operation. Please try again.

NOTE: If the Keypad LM172 is installed outside of the gate to open the gate, and no Keypad is installed inside of the gate, we strongly recommend you set the auto-close function in circuit board in control box. Refer to Installation and Operation Manual page 22.

Programming the new entry code

For safety reason, you may change the factory default entry code or old entry code to your new code but the keypad must be learnt successfully with control board of swing gate opener before you try to change the entry code.

Make sure the control board of the opener is power on and in standby mode (LED flashes “ ”“(- -)”).

Step 1. Press and release “PIN” button on the keypad LM172 and then enter the 6 digits default or old entry code. (factory default entry code is “888888”)

Step 2. Press and release “PIN” button on the keypad LM172, “ ”(“CH”) will display on the LED of the control board.

Step 3. Enter your 6 digits new entry code and press “PIN” button to store it. The entry code has been updat--ed successfully while “ ”(“CH”) flashes for 2 seconds on LED of the control board.

NOTE: Every step for pressing button during program must be finished within 1 second to ensure success--full program.

Use For DSR/DSC Series Sliding Gate Opener

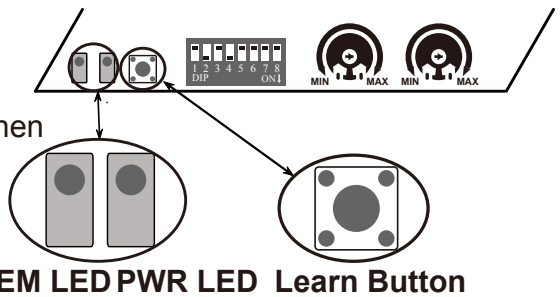
“Learn” Transmitter code

Make sure the control board of opener is power on and in standby mode (PWR LED is on and REM LED is off, gate is stop).

Step 1. Press and release “Learn” button of the control board, and then REM LED will be on.

Step 2. Press the ”OK” button once on the keypad LM172 to learn the transimitter code. If the keypad has been learnt successfully, the REM LED will flash for 2 seconds and then back to off. Now you can use the factory defaut code to operate the gate (Refer to the chapter “**HOW TO OPERATE DSR/DSC 1000/600 DSR400**” in manual) .

Control Board of DSR/DSC 1000/600



REM LED PWR LED Learn Button

NOTE: The “OK” button should be pressed within 1 second after step 1, or you may have to start over.

How to Operate DSR/DSC Series Sliding Gate Opener

Once the keypad LM172 has been learnt successfully, you can use default code to operate the gate.

1. When the gate stops in some positon and the operator is in standby mode, you can make it to move via the following steps:

Step 1. Press and release “PIN” button on the wirelesskeypad and then enter the 6 digits entry code.(factory defaut entry code is “888888”)

Step 2. Press the “OK” button within 1 second after step 1 to move the gate.

2. You can press the “OK” button at anytime to stop the moving gate(Entry code is not needed).

NOTE: The beeper of the keypad LM172 will beep at the press of any key. When you enter the entry code, each button should be pressed within 1 second. If an error has occurred, the beep will sound for 2 seconds before returning to normal operation. Please try again.

NOTE: If the Keypad LM172 is installed outside of the gate to open the gate, and no Keypad is installed inside of the gate, we strongly recommend you set the auto-close function in circuit board in control box. Refer to Installation and Operation Manual page 15.

Programming the new entry code

For safety reason, you may change the factory default entry code or old entry code to your new code but the keypad must be learnt successfully with control board of sliding gate operator before you try to change the entry code.

Make sure the control board of opener is power on and in standby mode (PWR LED is on and REM LED is off, gate is stop).

Step 1. Press and release “PIN” button on the keypad LM172 and then enter the 6 digits default or old entry code. (factory default entry code is “888888”)

Step 2. Press and release “PIN” button on the keypad LM172, REM LED of the control board is ON waiting for user to input the new entry code.

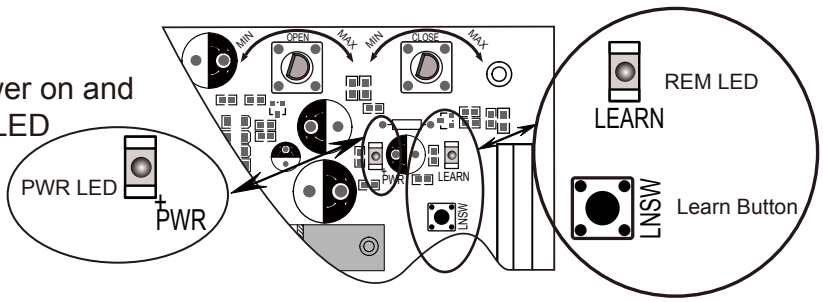
Step 3. Enter your 6 digits new entry code and press “PIN” button to store it. The entry code has been updat--ed successfullu while REM LED flashed for 2 seconds on control board.

NOTE: Every step for pressing button during program must be finished within 1 second to ensure success--full program.

Use For SCG/SFG Series Sliding Gate Opener

“Learn” Transmitter code

Make sure the control board of opener is power on and in standby mode (PWR LED is on and REM LED is off, gate is stop).



Step 1. Press and release “Learn” button of the control board, and then REM LED will be on.

Step 2. Press the ”OK” button once on the keypad LM172 to learn the transimitter code.
If the keypad has been learnt successfully, the REM LED will flash for 2 seconds and then back to off. Now you can use the factory defaut code to operate the gate (Refer to the chapter “**HOW TO OPERATE SCG/SFG SERIES SLIDING GATE OPENER**” in manual) .

NOTE: The “OK” button should be pressed within 1 second after step 1, or you may have to start over.

How to Operate SCG/SFG Sliding Gate Opener

Once the keypad LM172 has been learnt successfully, you can use default code to operate the gate.

1. When the gate stops in some positon and the operator is in standby mode, you can make it to move via the following steps:

Step 1. Press and release “PIN” button on the wirelesskeypad and then enter the 6 digits entry code.(factory defaut entry code is “888888”)

Step 2. Press the “ OK ” button within 1 second after step 1 to move the gate.

2. You can press the “ OK ” button at anytime to stop the moving gate(Entry code is not needed).

NOTE: The beeper of the keypad LM172 will beep at the press of any key. When you enter the entry code, each button should be pressed within 1 second. If an error has occurred, the beep will sound for 2 seconds before returning to normal operation. Please try again.

NOTE: If the Keypad LM172 is installed outside of the gate to open the gate, and no Keypad is installed inside of the gate, we strongly recommend you set the auto-close function in circuit board in control box. Refer to Installation and Operation Manual page 14.

Programming the new entry code

For safety reason, you may change the factory default entry code or old entry code to your new code but the keypad must be learnt successfully with control board of sliding gate operator before you try to change the entry code.

Make sure the control board of the opener is power on and in standby mode (PWR LED is on and REM LED is off, gate is stop).

Step 1. Press and release “PIN” button on the keypad LM172 and then enter the 6 digits default or old entry code.(factory default entry code is “888888”)

Step 2. Press and release “PIN” button on the keypad LM172, REM LED of the control board is ON waiting for user to input the new entry code.

Step 3. Enter your 6 digits new entry code and press “PIN” button to store it. The entry code has been updat--ed successfully while REM LED flashes for 2 seconds on control board.

NOTE: Every step for pressing button during program must be finished within 1 second to ensure success--full program.

How to change the battery of Keypad (LM172)

Step 1: Remove the black cover with slotted screwdriver then you will find 2 screws.
Step 2: Remove the front panel with screwdriver, uncover the battery holder and replace the battery.
Step 3: Restore the back cover and front cover with cross screwdriver.
Ref to the Figure 1~6.



Fig.1



Fig.2

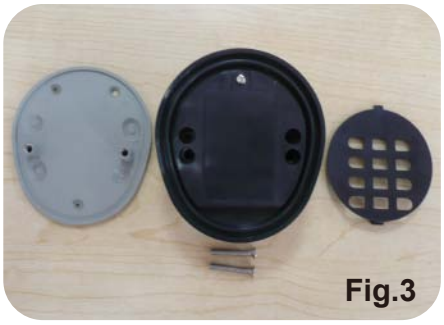

Fig.3



Fig.4


Fig.5



Fig.6

Mounting position suggested

The wireless keypad LM172 should be installed outside of the property (Pull to Open) and on the same side of the driveway where the control box is installed. The distance between the keypad and control box should not exceed 5 meters.

If the keypad is installed on the opposite side of the driveway, the keypad operation maybe interfered by the electromagnetic waves from a passing vehicle.

Refer to the Fig.7.

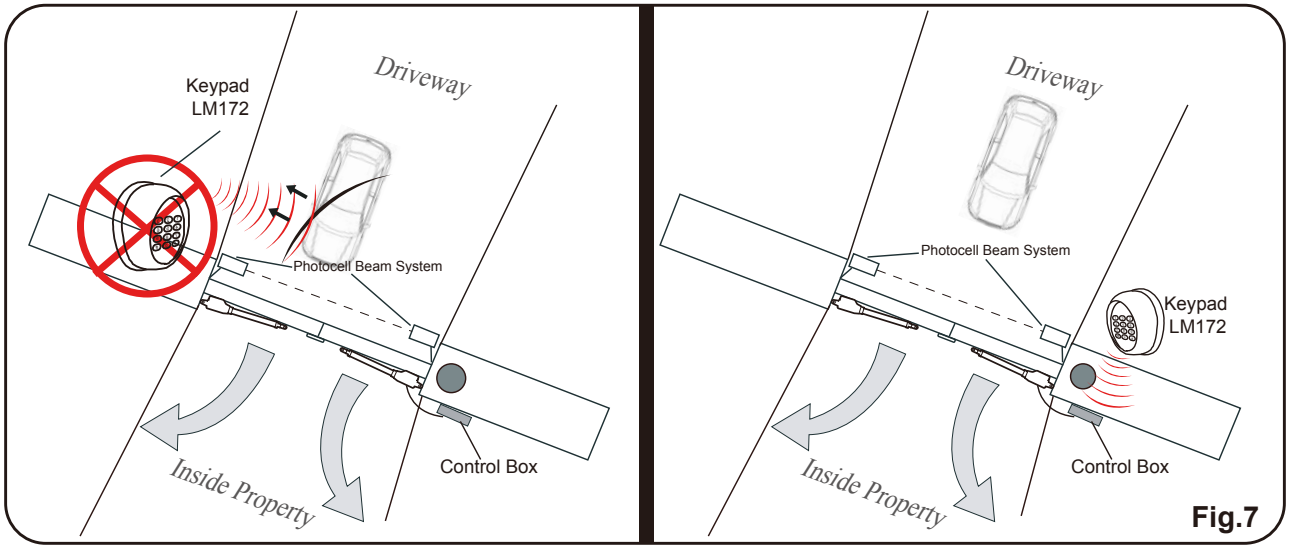
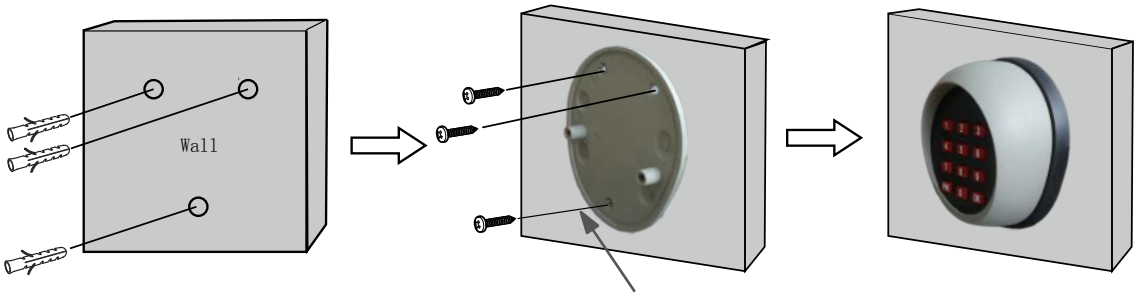


Fig.7

NOTE: We suggest you use the wired keypad (LM106/LM106M) take place of the wireless keypad for installation in the locations where the frequency interference is restricted, nearby airport for ex--ample or the control box is installed far way from the gate operator (father than 30' or 10 meter).

Installation of the keypad

Note: The mounting holes of the keypad has not been penetrated, you should use one tool with sharp head to penetrate them. Install the keypad by the following figure.



penetrate the mounting holes before you install the keypad

How to increase the control distance of keypad

The designed remote range of the Keypad is 5~10 meters. If you find that the Keypad is not sensitive enough in on-site installation, we suggest you enhance the remote range by the following method.
Step 1: Open the control box, the black color antenna can be found in the side of PCB.
Step 2: Draw the antenna straight and pull it through the cable hole in the bottom of the control box.
Ref to the figure 8, 9 and 10.

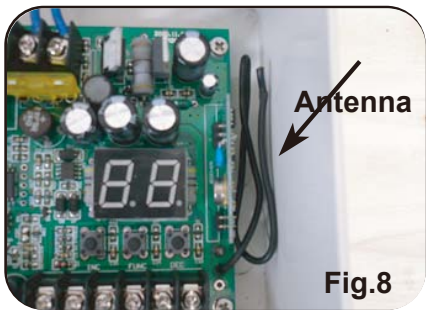
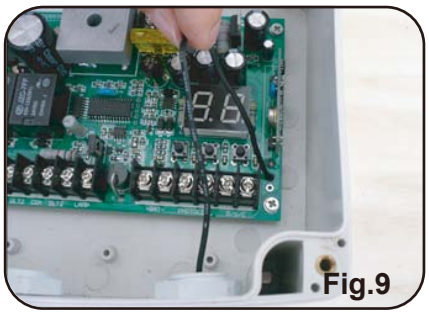
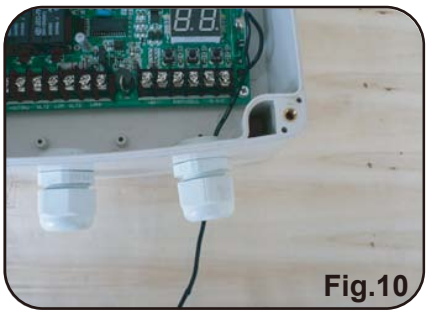


Fig.8


Fig.9


Fig.10

Trouble Shooting

1. Fail to learn the transimitter code.
a. Check if the battery is exhausted.
b. Re-learn the keypad anear the control board.
c. Once the control board is ready to learn the keypad, press the “OK” button within 1 second.
2. Fail to operate the gate with keypad.
a. Check if the battery is exhausted.
b. The distance is too far to use the keypad (Refer to the chapter ”How to increase the control distance of keypad”).
3. Forget your own entry code.
Re-learn the keypad according to the manual. The entry code would be “888888” if the keypad has been learnt successfully.

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