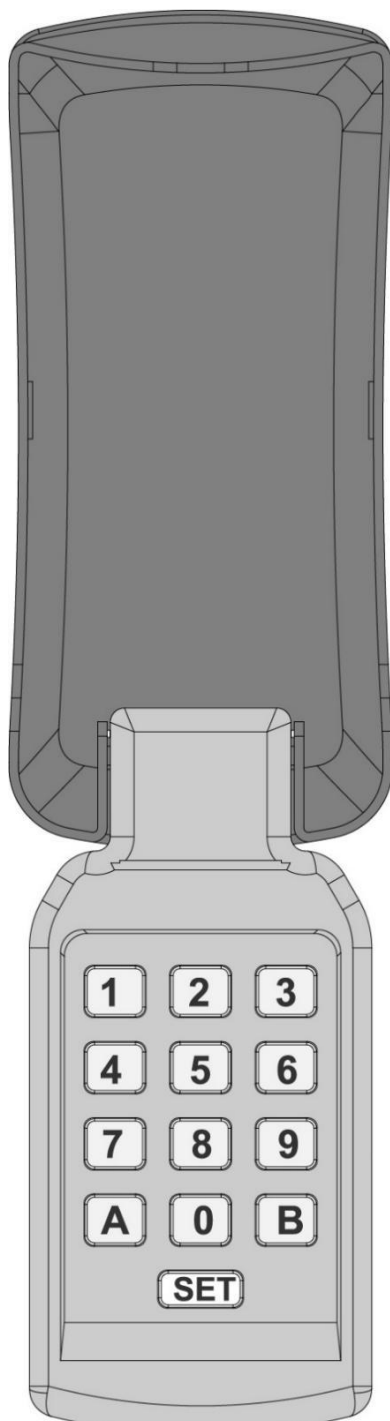TOPENS®

User Manual of the Universal Keypad
Model: TC188（LM188）

⚠️ **NOTE: Please read this manual thoroughly before installation and programming.**

NOTE: The keypad is universal for both wireless and wired application. You can try the wired application if the interference affect the remote control range or the wireless code is not matching your gate opener. You must use external wired power source to power up the keypad if you choose the wired application.
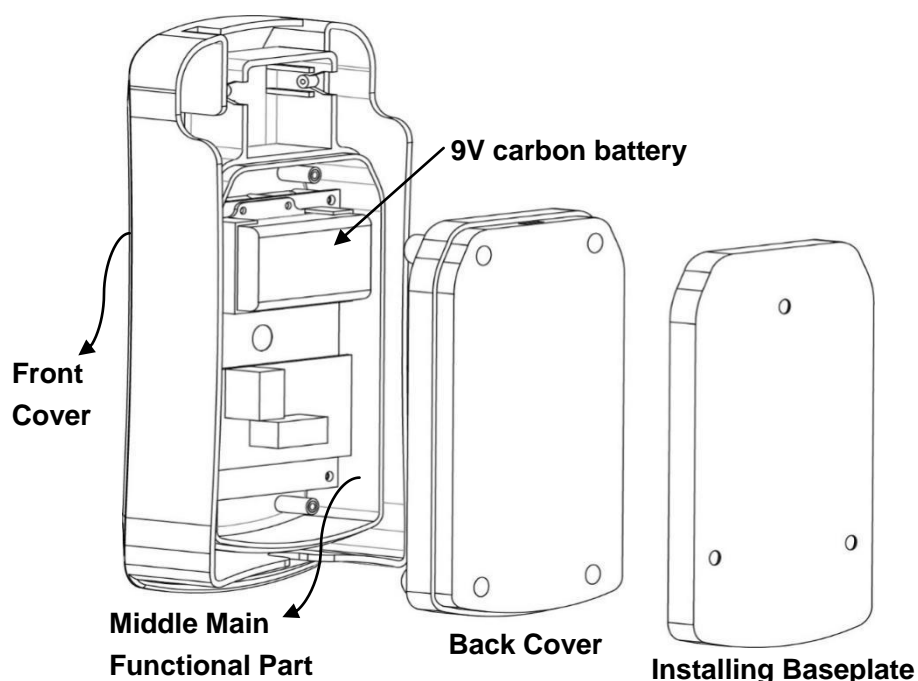
Specifications

Power input: 9VDC carbon battery for wireless application or 9-24VAC/DC for wired application

Frequency: 433.92MHz

Rated output contact for wired application: 1A/120VAC, 1A/24VDC

Keypad Illustration

9V carbon battery

Front Cover

Middle Main Functional Part

Back Cover

Installing Baseplate

Installation of the Battery

NOTE: A 9VDC carbon battery is required to power the keypad unless an external power supply such as the gate openers' power source is used. A battery has been installed in the keypad in factory. You need to change the battery if the wireless signal becomes weak. Low voltage wire from the external power source must be connected to the 9-30VAC/DC power in terminals on the keypad control board if the battery is not installed.

Step 1: Remove the screw from the bottom of the keypad and separate the installing baseplate from the back cover.

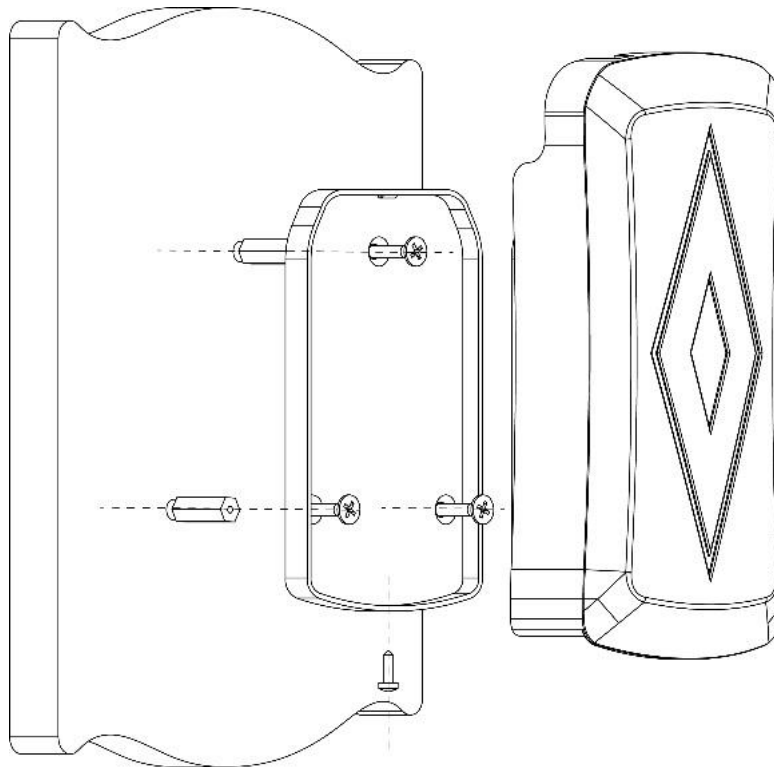Step 2: Remove the screws to separate the back cover from the middle main functional part.

Step 3: Install 9VDC carbon battery.

Installation of the Keypad

Step 1: Remove the screw from the bottom of the keypad and separate the installing baseplate from the back cover.
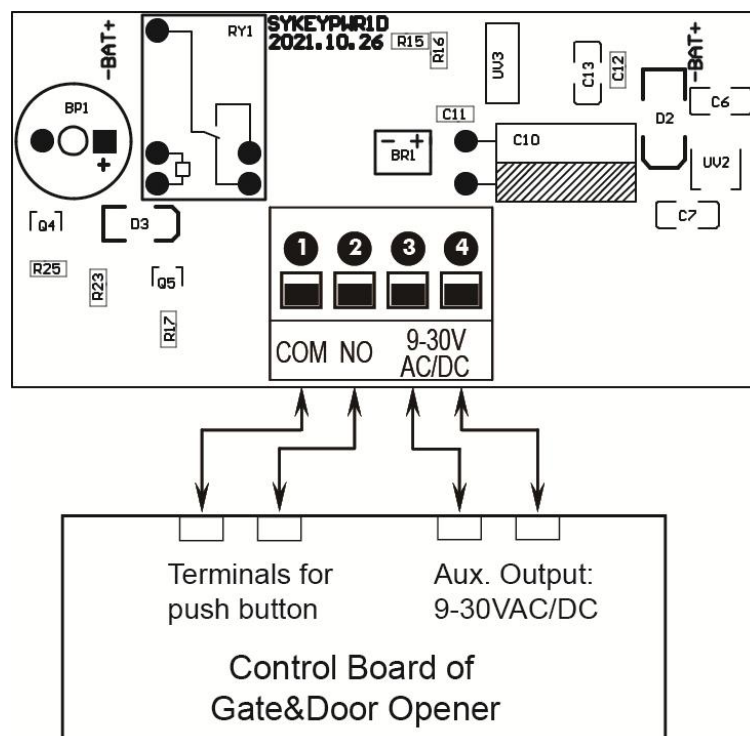
Step 2: Install the baseplate to the wall or the post with the screws included in the kit.

Step 3: Install the baseplate back to the back cover of the keypad.

Universal Control Board Connection for Wired Application

You can connect the 1# and 2# terminals of the keypad to the terminals for push button of the gate opener. No matter the polarity. And then you can connect the 3# and 4# terminals of the keypad to the 9-30VAC/DC auxiliary output terminals of the gate opener. No matter the polarity.

Programming the Keypad

NOTE: There are two kinds of codes while programming: Master code and Entry code. The master code is used to program the keypad.The entry code is used to activate the keypad to control the gate opener. You can program the temporary codes and the permanent entry codes according to your needs. The use number of times of the temporary entry codes can be programmed at the same time.

NOTE: Max. 32 permanent entry codes and 32 temporary codes can be programmed to the keypad.

NOTE: All codes should be 4 digits in length. Factory default master code is 9999.

Program New Master Code

SET | 4 digits Old Master Code | SET | 01 | SET | 4 digits New Master Code | SET | 4 digits New Master Code | SET

Add New Permanent Entry Code

SET | Master Code | SET | 02 | SET | Entry Code | SET | Entry Code | SET

Change Permanent Entry Code

SET | Master Code | SET | 03 | SET | Old Entry Code | SET | New Entry Code | SET | New Entry Code | SET

Add New Temporary Entry Code

SET | Master Code | SET | 04 | SET | Entry Code | SET | 2 Digits Use Number of Times | SET

Delete Single Entry Code (Permanent Entry Code or Temporary Entry Code)

SET | Master Code | SET | 05 | SET | Entry Code | SET

Delete All Temporary Entry Codes

SET | Master Code | SET | 66 | SET

Delete All Entry Codes (Include Permanent Entry Codes and Temporary Entry Codes)

SET | Master Code | SET | 77 | SET

Program the Keypad to the Gate Opener (Wireless Application)

Step 1: Input the entry code of the keypad when it's in standby mode.

Step 2: Press and release the **remote control programming button (CODE SW button, LNSW button, Learn button, etc.)** on the gate opener control board, the **CODE** LED (**REM** LED, **LEARN** LED, **LCD, etc.**) will be ON or indicate the programming display**.**

Step 3: Press the A or B key of the keypad **two times** in 2 seconds, the **CODE** LED (**REM** LED, **LEARN** LED, **LCD, etc.**) will flash for 3 seconds and then to OFF or standby display. Now the keypad has been programmed to the gate opener successfully.
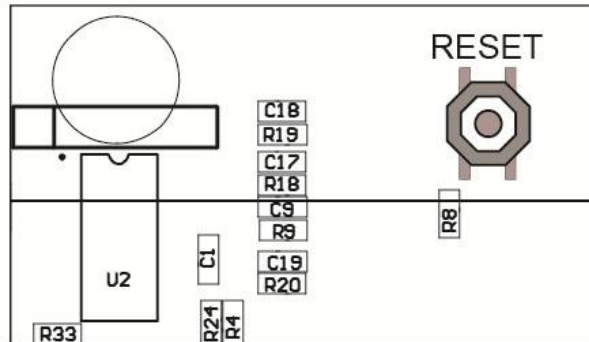
Use the Keypad to Operate the Gate Opener

You can input the valid entry code and then press key A or key B which has been programmed to the control

board to operate the gate opener. You don't have to input the entry code again within 3 seconds after the key A or key B is activated.

Reset the Master Code of the Keypad

There is a reset button on the back of the control panel of the keypad. You can hold and press the button for 4 seconds until the blue backlights flash quickly and the buzzer beeps 2 long sound. The master code has been restored to factory default value: 9999.

Feedback & Review

Your comments and suggestions are important to us

as they help us provide the best possible service.

Should you have any need to contact us, the info below will help you get in touch:

TOPENS Website

www.topens.com

Contact Us:

E-mail: support@topens.com

Kindly include your Product Model, Purchasing Date & Site, Order #,

and your contact information. All your concerns will be replied within 24 hours.

Tel: +1 (888) 750 9899 (Toll Free USA & Canada)

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.