

## US Wireless Keypad Transmitter

### WARNING

There is a possible risk of injury or death if safety instructions will not be observed.

Please read and follow all instructions in this manual as well as the information for each receiver you are planning to operate with this device.

Please share this important information with other users. No modifications to this device are permissible.

Modifications performed to this device other than described in this manual or granted by the manufacturer, will result in the loss of the operating license.

This device complies with FCC rules part 15. The operation of this device is subject to the following 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.

Use only original equipment manufacturer (OEM) parts and accessories as well as fixing supplies.

### Notice

This device may never be washed or cleaned with a hose-pipe or a pressure water-jet. Water can penetrate into the device and damage or corrupt it.

### Serial number label



On the outside of the Wireless - Keypad is a label which indicates the serial number. The factory preprogrammed access codes (see chapter "programming access codes") can only be restored by using this serial number. Otherwise the transmitter needs to be

## Deleting the access code

In this step the access codes will be deleted and reset back to factory settings.

- ▶ Attach this label in a secure location for example: your address book or the controller housing of your operator.



- ▶ Press \*
- ▶ Press #
- ▶ Enter reset code (9 digits) see serial number sticker
- ▶ Press \*
- ▶ Press #

The access code is now changed to default number (0 0 0 0). LED 1 + 2 will light up for two seconds.

## Operation

### WARNING

There is a possible risk of injury or death if safety instructions will not be observed. Please take notice of all information before using the device.

Please read and follow all instructions in this manual as well as the information for each receiver you are planning to operate with this device.

Only use this transmitter if you have a clear and direct view to the receiver i.e. Garage Door and only if no persons or objects are in the area of door movement.

### Turning on/off keypad illumination

- ▶ Press key #
- The light will turn off automatically after a preset time.

**Sending radio command**  
Requirement: The transmitter has been previously programmed (learned in). If access code has been previously programmed:

returned to the factory for reprogramming

### Notice

For security reasons this label must be removed from the device.

- ▶ Attach this label in a secure location for example: your address book or the controller housing of your operator.

## Operation

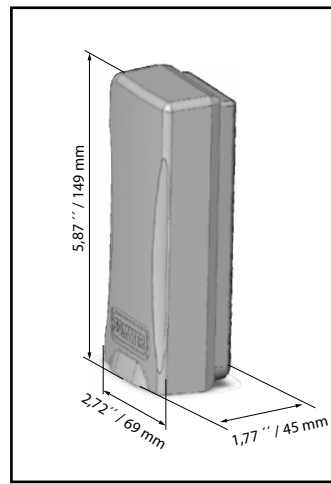
The transmitter sends a signal to a receiver i.e. the garage door opener which will result in an opening and closing of the garage door. To prevent unwanted operation of the keypad it is advisable to program an access code to the transmitter.

### Notice

Never fix the Wireless Keypad on your Door Panel. Otherwise it can be destroyed.

The Wireless - Keypad is developed for the external operation. Simply attach it to either a wall or to the garage door frame if available.

## Technical data



**Frequency**  
310 MHz

**Operational temperature**  
-5°F to +130°F  
(-20 °C to +55 °C)

**Range**  
Approx. 75 ft (23 m)  
(depending on surroundings)

**IP Rating**  
IP 54

**Battery (included)**

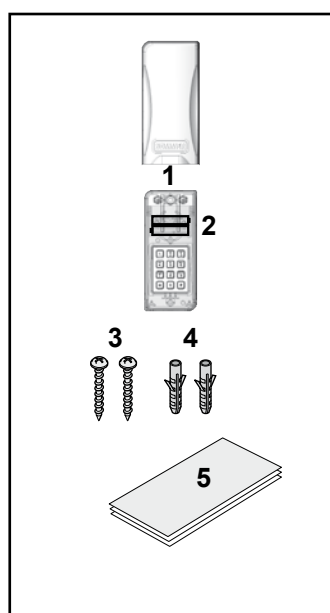
2 x LR03(AAA), 1.5V  
**Dimensions**  
Height: 5.87" (149 mm)  
Width: 2.72" (69 mm)  
Depth: 1.77" (45 mm)  
**Weight**  
Approx. 6.4 oz (180 g)

**Radio codes**  
one programmable access code

## Scope of delivery

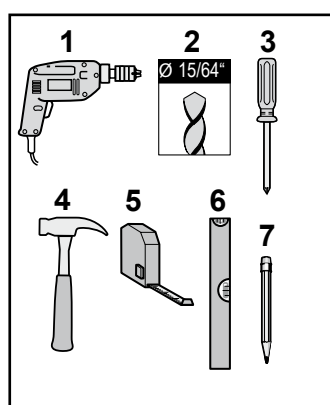
Please check package contents. In case something is missing, please contact your dealer who will be happy to assist.

Please do dispose packaging according to your local waste regulations.



- 1) Transmitter assembled
- 2) Battery (already inserted)
- 3) Two screws for mounting
- 4) Two anchors 15/64" (Ø 6 mm)
- 5) Installation and operating manual

## Required tools



- 1) Hammer Drill
- 2) Drill bit for masonry
- 3) Pozidrive PZ1 screwdriver (medium)

- 4) Hammer
- 5) Measuring/Tape
- 6) Level
- 7) Pencil

## Installation and installation requirements

### WARNING

There is a possible risk of injury or death if safety instructions will not be observed. The transmitter shall only be installed if the following installation requirements are given.

For the installation, choose an easy accessible location within the transmitter range.

The distance from the ground needs to be at least 5' (1.50 meter) to prevent that children could play with the transmitter.

Mount the Keypad on a flat surface.

To control a door opener or gate operator with the transmitter, please select the installation location as follows:

- away from the door and the operator mechanics
- whoever is using the device, needs to have a clear view to the garage door
- that the user will be able to be outside of the door and the operator mechanics while using the transmitter.

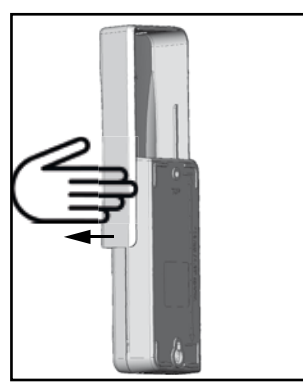
## Installation

The transmitter can be mounted by using the included fixing supplies to either wood or brick.

For Installation on wood, no anchors will be needed.

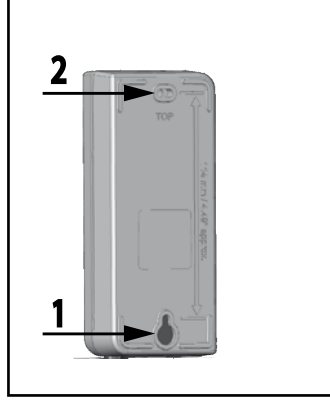


Slide the cover up.



- ▶ Remove the sliding cover by using your fingernails and pull it carefully sideways.

## Installation on masonry



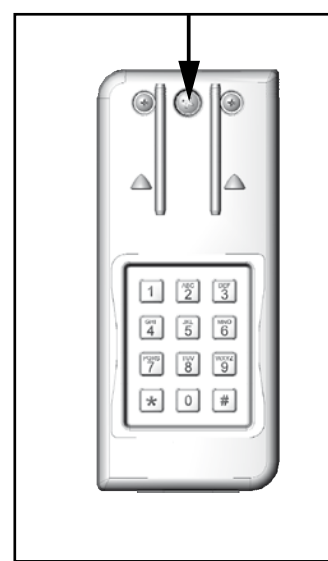
- ▶ Mark the two Marking points in a distance of 4,49" (114mm) apart in a vertical line.
- ▶ Drill Diameter 15/64" (6 mm).

### WARNING

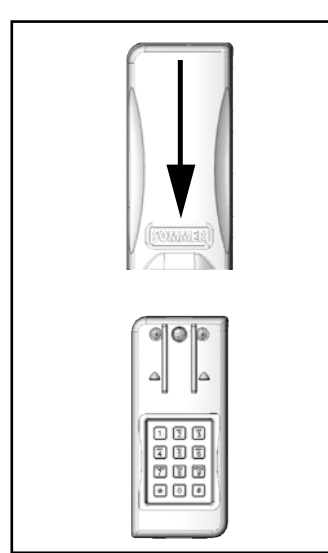
There is a risk of injury from flying chips when drilling. Drill chips could get into the eyes and cause injury to the eyes.

Make sure to always wear safety glasses when drilling.

- ▶ Drill two holes by using a masonry drill bit 15/64" (Ø 6 mm) and insert two anchors 15/64" Ø 6 mm) into the holes.
- ▶ put the anchors in to the drilled holes.
- ▶ turn in the lower screw (1) Screw head must project 0.138" (3.5mm)
- ▶ hook the screw head into the tap hole

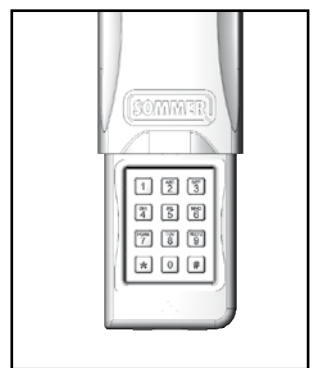


- ▶ Fix the Keypad and turn the upper screw through the top hole (2)



- ▶ set the slide cover on the top of the wireless keypad and snap it in carefully without using too much force

## Function of buttons



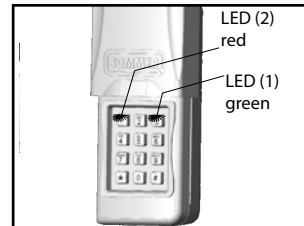
- 0-9 (a-z) - digits- (letters) keys
- Sending command<sup>1)</sup>
- Enter access code<sup>2)</sup>
- \* and # programming buttons

- 1) The transmitter sends a radio signal to a receiver i.e. the garage door operator which

will result in opening and closing of the garage door. The transmitter has 1 radio command

- 2) The access code is an encrypted code. The transmitter will only send the command if the correct code is entered.
- 3) The active time is a time gap for transmitting the previous entered code again by using any of the digit-keys.

## LED Indicators



### LED - green (1)

- Lights up = Signal gets transmitted
- Lights blinking = Error-/Reset-Message
- Lights blinking while transmitting = Battery needs to be replaced

### LED - red (2)

- Lights briefly = Confirms button entry
  - Lights blinking = Reset-Message, active time, transmitting delay
  - Lights blinking briefly = Transmitter is locked
- LED 1 + 2**
- Lights up for two seconds = Program access code / Deletion of all access codes, Turn on/off the active time
  - Light is alternate blinking for 20 seconds = Buttons are locked

## Programming (learning in) the transmitter with the receiver

### Removing the key lock

At the time of delivery, the buttons of the transmitter have been locked to prevent unwanted activation during the transport. Prior to the first operation (one time only) the buttons need to be unlocked:

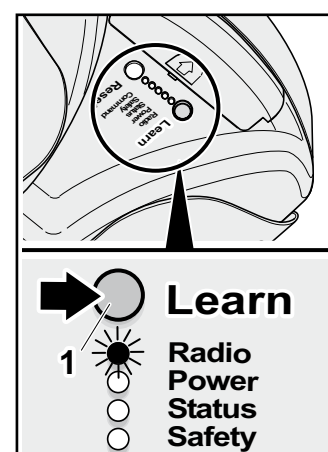
- ▶ Press \* button for five seconds.

LED 2 blinks four times after that LED 1 + 2 will light up for two seconds. The buttons are now unlocked.

## Troubleshooting

In case troubleshooting guide will not resolve the issue, please contact your dealer.

Problem	Solution
Receiver (i.e. garage door operator) does not work	Receiver has not been "learned in" Battery is empty Check if radio signal arrives at receiver → LED lights up?
Not possible to enter access code. LED 1 + 2 blinks alternate for two seconds.	Access code has been entered three times incorrectly or aborted with the # key. Keypad is now locked for 20 seconds.
LED 2 is blinking	Wrong access code
LED 2 is blinking: twice - break - twice	Active time in process
LED 1 is blinking when sending the access code	Battery empty
No response at all	Key lock is active, please see chapter Programming (learning in) the transmitter with the receiver. Removing the key lock." Battery empty
LED 2 is blinking with two short breaks	Transmitting lag-time in process
Not possible to enter an access code	Electrostatic discharge (ESD) caused by user → Press # button



- ▶ Press learn button (1) on the receiver. Please refer to the installation manual of the receiver, i.e. "synoris 550/800", how to program a garage door opener.
- ▶ Enter PIN code (default 0000) on the transmitter. The code has been programmed on this button.

The code will from now on be transmitted on the selected key.

## Programming / Changing the access code

- ▶ Press \*
- ▶ Enter default code: 0 0 0 0 or current access code
- ▶ Press \*
- ▶ Enter the new selected access code, for example 5 5 5 (max. eight digits)
- ▶ Press \*
- ▶ LED 1 + 2 will light up for two seconds, indicating that the programming process is completed.
- ▶ To verify correct code, enter the correct code: Enter: 5 5 5  
LED 1 will light up for 1 second.



- ▶ remove the frontcover of the housing.



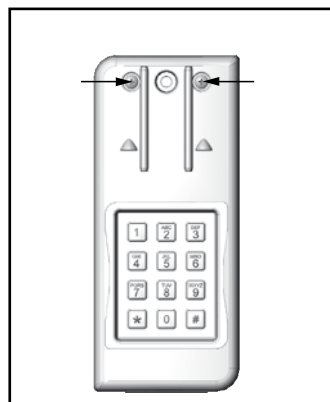
- ▶ Find the batteries on the rear side of the frontcover.
- ▶ Remove empty batteries and replace it with new batteries (Alkaline LR03(AAA), 1.5V) insert the batteries in the same direction and observe correct polarity (picture)



- ▶ Apply the frontcover.
- ▶ Turn in the screws.

## Placing transmitter out of operation and disposal

Remove the battery before placing out of operation. Dispose and recycle the transmitter according to your local waste regulations.



- ▶ Remove the screws by using a suitable Phillips screwdriver.

Pack batteries individually to store or dispose them. Batteries should never get in contact with other metal items as this could discharge or damage the battery or lead to ignition.

Avoid short-circuits which could be caused when the positive pole (+) and the negative pole (-) are connected (for example wrapping them in aluminum foil).

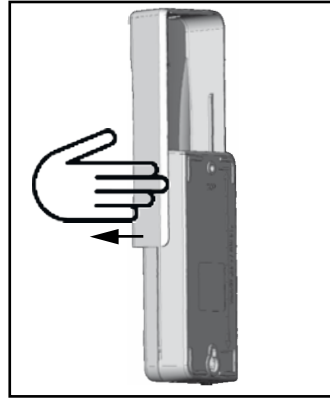
The included battery is not rechargeable.

Do not attempt to open or to recharge the battery.

Do only replace the battery with the same kind of battery as indicated in this manual.

Do not dispose battery in household waste. Dispose batteries according to your local waste regulations.

## Replacing the battery



### WARNING

### Risk of injury when loosening and tightening screws.

When loosen or tighten screws you could lose grip and could get injured. It is best to place the transmitter on a firm surface and hold it tight instead of just holding it in your hand while loosen or tighten the screws.

