

# Transmitter S8318LIPWxKC



Manual

with Patented  
ChargeGuard™  
Circuit



ChargeGuard™

**Transmitter  
Solutions**

Thank you for choosing a Transmitter Solutions product .  
Please read this manual carefully before using the product.

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#### 1A - General information

The Transmitter Solutions S8318LIPW1KC, S8318LIPW2KC, S8318LIPW4KC are key chain style transmitters operating at 318 MHz. They have been designed for use with programmable telephone entry, security, and access control systems operating with a 318 MHz frequency receiver.

The protocol is Linear compatible and the code sent by the transmitter

includes a 14 bit security code which allows up to 16,384 code combinations and 6 bits of facility code, which allows up to 64 facility codes. The Transmitter Solutions - R318 receiver which operates with this transmitter has a Wiegand 26 bit format output, which will operate any type of access control system equipped to accept a 26 bit Wiegand input. The A23 - 12V battery has a shelf life of about 6 months. The product fully complies with Part 15 of FCC Regulations.

#### 1B - Technical specifications

Operating frequency	318 MHz
Number of keys: Battery :	1 - 2 - 4
Battery life:	12V - A23
Protocol :	18 - 24 months
Number combinations :	Linear
Different Facilities codes	65,535
Operating temperature:	-20°F ÷ +131°F (-20°C ÷ +55°C)
Overall dimensions:	2.51" x 1.52" x 0.58"
Weight:	1 oz. (20 gr.)

#### 1C - Types

S8318LIPW1KC: 1 button transmitter

S8318LIPW2KC: 2 buttons transmitter

S8318LIPW4KC: 4 buttons transmitter

#### 1D - Main components

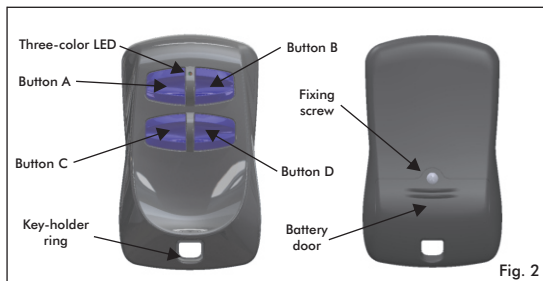


Fig. 2

## 2 - NUMBERING

Each transmitter is manufactured and sold with a different factory-set serial number .

## 3 - PROGRAMMING

The transmitter must be programmed into your access control system memory. Your own installer or reseller will provide you the necessary instructions for your system.

## 4 - OPERATION

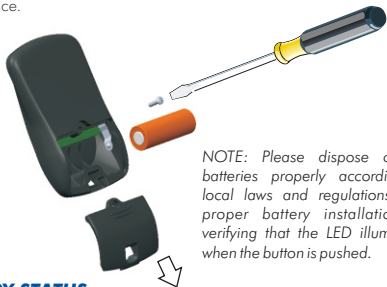
**A** - Depress the button until the small red LED illuminates.

**B** - After the LED has illuminated, release the button.

If the device you are attempting to activate does not respond, repeat steps A and B or consult section 7 ( Troubleshooting ) of this manual.




## 5 - BATTERY ACCESS

To access the battery unscrew the back screw using a Phillips-head screwdriver. Slide down the battery door and remove the dead battery. Replace it with a 12V-A23 battery type, respecting the polarity as indicated on the bottom of the battery space.



*NOTE: Please dispose of the batteries properly according to local laws and regulations. Test proper battery installation by verifying that the LED illuminates when the button is pushed.*

## 6 - BATTERY STATUS

Led color	Battery level	TX Status
 Led GREEN	Normal level	~6000 pulses [*] - Normal range
 Led ORANGE	Attention level	Max 300 pulses [*] - Low range
 Led RED	Low level	Replace battery - No range

[\*] : Depends on battery type and operating conditions . Battery life calculated with 1 -sec pulses.

## 7- TROUBLESHOOTING

PROBLEM	SOLUTION
The system does not receive the transmitter signal. The transmitter LED is ON	Check to verify the transmitter is programmed into your system
The operating range is reduced	Replace the transmitter battery

### Transmitter Solutions - Type : S8318LIPWxKC

#### FCC ID : SU7318TRS8

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 interference received, including interference that may cause undesired operation.

### Notice

Any changes or modification to Transmitter Solutions equipment not approved by Transmitter Solutions could void the manufacturer's warranty.

### WARRANTY

The warranty period of Transmitter Solutions 318 transmitters is 5 years, beginning from the manufacturing date of the transmitter. During this period, if the product does operate correctly, due to a defective component, the product will be repaired or replaced at the sole discretion of Transmitter Solutions. The warranty does not extend to the transmitter case which can be damaged by conditions outside the control of Transmitter Solutions or to battery life.



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