

Transmitter Flat 433TSPWxK



Manual

**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 - 433TSPW2K or 433TSPW4K Flat Transmitter is a key chain style transmitter operating at 433 MHz. It has been designed for use with programmable telephone entry, security, and access control systems operating with a 433.92 MHz frequency receiver. The code sent by the transmitter includes a 16 bit security code which allows up to 65,536 number combinations and 8 bits of facility code which allows up to 255 facility codes .

The Transmitter Solutions - 433R 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 CR 2032 lithium battery have a shelf life of about 6 months. The product fully complies with Part 15 of FCC Regulations and the European Directives 99/5/CE, 89/336/CEE, 73/23/CEE.

1B - Technical specifications

Operating frequency	433.92 MHz
Number of keys:	2 or 4
Battery :	3V lithium battery CR2032
Battery life:	18 ÷ 24 month
Number combinations :	65,536
Different Facilities codes	255
Operating temperature:	-20°F ÷ +131°F (-20°C ÷ +55°C)
Overall dimensions:	2.9" x 1.4" x 0.35" (74x36x9 mm)
Weight:	1 oz. (20 gr.)

1C - Main components

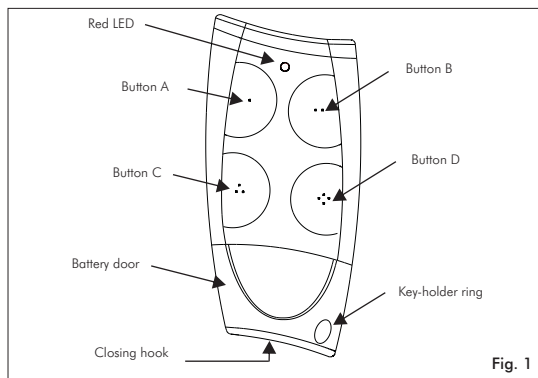


Fig. 1

2 - NUMBERING

Each transmitter is manufactured and sold with a different factory set sequence number and facility code.

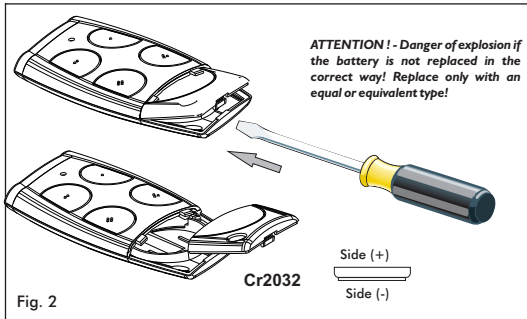
3 - PROGRAMMING

The transmitter facility code and sequence number must be programmed into your system memory. Your own installer or reseller will provide you the necessary instructions for your system.

4 - OPERATION

- Firmly depress either button until the small red LED illuminates.
- 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 6 (Troubleshooting) of this manual.

5 - BATTERY ACCESS



To access the battery push on the bottom with an edge and open the battery door (fig.2). Place the battery CR2032 with the positive pole upward.

Test proper battery installation by verifying that the red LED illuminates when either button is pushed.

6 - TROUBLESHOOTING

Fault	Solution
The system does not receive the transmitter signal The transmitter led is OFF The transmitter led is blinking The operating range is reduced	Replace the transmitter battery
The system does not receive the transmitter signal The transmitter led is ON.	Check the power supply of the receiver

Notice

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

WARRANTY

The warranty period of Transmitter Solutions 433 transmitters is 24 months, 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.

FCC ID: PWJFL433 IC-6863A-054A

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.

CE 0681

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