



CONTENTS

1 - TRANSMITTER OVERVIEW

- 1A - General information
- 1B - Technical specifications
- 1C - Main components

2 - NUMBERING

3 - PROGRAMMING

4 - OPERATION

5 - BATTERY ACCESS

6 - TROUBLESHOOTING

1A - General information

The Transmitter Solutions Monarch - 433TSPW2K is a key chain style mini transmitter operating at 433.92 MHz. It has been designed for use with programmable telephone entry, security, and access control systems operating with a 433.92 MHz frequency receiver.

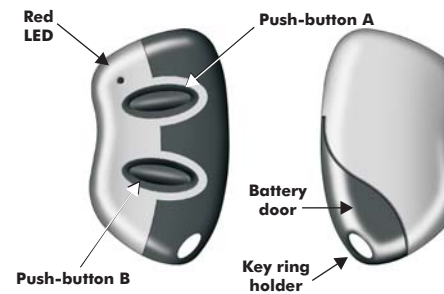
The code sent by the transmitter includes a 16 bit security code which allows up to 65,536 number combinations and 8 bits of facility code which allows up to 256 facility codes.

The Transmitter Solutions - 433R receiver which operates with this transmitter has a Wiegand 30 bit format output, which will operate any type of access control system equipped to accept a 30 bit Wiegand input. The CR 2016 lithium batteries 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
Battery :	2 x 3V lithium batteries CR2016
Battery life:	18 ÷ 24 months
Number combinations :	65,536
Facility Codes :	256
Operating temperature:	-20°F ÷ +131°F (-20°C ÷ +55°C)
Overall dimensions:	2.4"x1.4"x0.63" (61x36x16 mm)
Weight:	1 oz. (20 gr.)

1C - Main components



Dark Red & White Case

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.

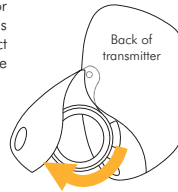
4 - OPERATION

- a. Firmly depress either 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 6 (Troubleshooting) of this manual.

5 - BATTERY ACCESS

To access the battery turn the battery door clockwise. Place the 2 lithium CR2016 batteries into their holder making sure they make contact with the internal ring and with the positive (+) side of the battery facing the back of the transmitter.

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



6 - TROUBLESHOOTING

PROBLEM	SOLUTION
The system does not receive the transmitter signal. The transmitter LED will not light	Replace the transmitter batteries
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 batteries

Transmitter Solutions - Type : SETR2641AM2

FCC ID : PWJT433

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 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.



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