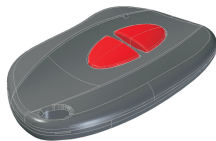


MONARCH 433TSPW2KC



Manual

Community
Controls

Monarch

*Thank you for choosing a Community Controls product .
Please read this manual carefully before using the product.*

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1A - General information

The Community Controls - Monarch 433TSPW2KC transmitter is a 2 buttons key chain style mini transmitter operating at 433,92 MHz. It has been designed for the control of automatic closing systems and anti-burglar systems, thanks to its very high security coding system (KeeLoq® Hopping code).

The code sent by the transmitter changes at each activation, avoiding any scanning and copying risk. A special algorithm allows to keep

synchronized transmitter and receiver.

The transmitter can operate with many receivers of the range Community Controls - 433R. Ask your installer or reseller the product which best fits your application. The output of the receivers can be either weigand 26 bit (to communicate with access control systems) or 1-2-4 relay with NO - NO/NC output. The CR 2016 lithium batteries of the transmitter have a shelf life of about 6 months. The product fully complies with Part 15 of FCC Regulations and the European Directives

1B - Technical specifications

| | |
|------------------------|---------------------------------|
| Operating frequency | 433,92 MHz |
| Number of keys: | 2 |
| Battery : | 2 x 3V lithium batteries CR2016 |
| Battery life: | 18 ÷ 24 months |
| Security code: | KeeLoq® Hopping code |
| Number combinations : | 2exp64 |
| Operating temperature: | -20°F ÷ +131°F (-20°C ÷ +55°C) |
| Overall dimensions: | 2.4"x1.4"x0.51" (61x36x13 mm) |
| Weight: | 0.49 oz. (14 gr.) |

1C - Main components

Red
LED

Dark red
push-button

Dark grey
case

Key ring
holder

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 system memory. Your own installer or reseller will provide you the necessary instructions for your system.

4 - OPERATION

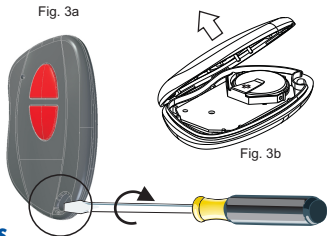
- A - Firmly depress the button until the small red LED illuminates.
- B - After the LED has illuminated, release the button.

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 open the case with a screwdriver acting on the slot between the cover and the bottom and remove the bottom, as shown in fig. 3a and 3b. Slide out the old batteries and replace them with the new ones [CR2016] respecting the polarity, with the positive (+) side upward.

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 batteries type and operating conditions . Batteries 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 batteries |

Community Controls - Type : 433TSPW2KC FCC ID : SU7433TSPW2KC

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 Community Controls equipment not expressly approved by Community Controls could void the manufacturer's warranty.

WARRANTY

The warranty period of Community Controls 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 Community Controls. The warranty does not extend to the transmitter case which can be damaged by conditions outside the control of Community Controls or to battery life.



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