

Remote control #030217, #030218



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

1 Introduction

USAutomatic Transmitter Part #030217, #030218 is a high security digital radio transmitter operating in UHF band (The operating frequency is 433.92 Mhz) in AM/ASK modulation.

It has been designed for the control of automatic closing systems and anti-burglar systems, thanks to its very high security coding system with 19683 code combinations.

The equipment is manufactured in accordance with the American Standard FCC Cfr 47 part. 15 It is available in 2 versions with 2 or 4 buttons and with a metal clip that allows to fix it on the visor of the car. The security code is identical to the one used by USAutomatic Part # 030210 or Part # 030212.

The combinations of the 3 state-9 positions dip-switch are 19683: for this reason the transmitter is equipped with a special circuit that, through a detecting coil, can get the security code by proximity from an old transmitter (030210/030212) and set it as security code of the brand-new one via "Clone / Copy"

User(s) has two options for programming / adding to existing installation. Use transmitter to copy the existing transmitter via copy method on following page, or simply learning/programming the preferred button (1-4) to the receiver P1 or P2 (see "programming to receiver"). It is highly recommended to personalize the security code of a brand-new transmitter, changing its factory code (see "setting the code manually" on following page. The transmitter security code has to be learned to the receiver. The installer or reseller will perform this operation during the installation or will give you the necessary instructions post installation.

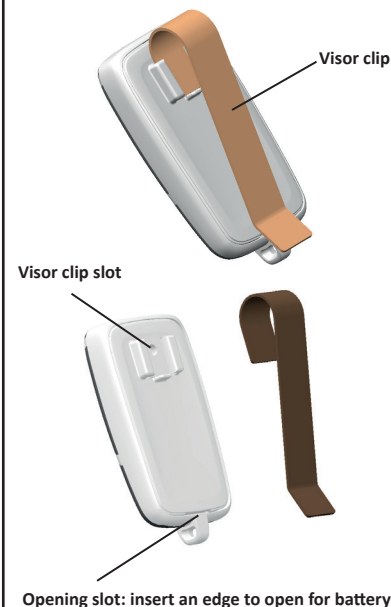
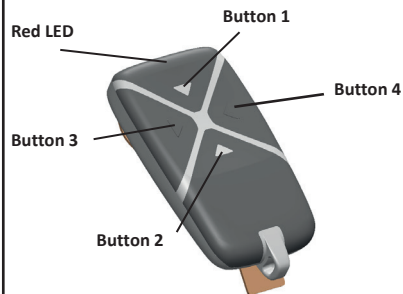
2 Technical specifications

Carrier frequency	433,92 MHz
Modulation.....	AM/ASK
N° channels.....	2-4
E.r.p.....	300 µW
Battery type.....	CR2032 Lithium
Operating voltage	3 Vdc
Battery life:	12 - 18 months
Security protocol	fixed code
Code combinations.....	3exp9
Range in open space.....	180 - 360 ft
Operating temperature	-4°F / +160°F
Dimensions (in).....	2,75 x 1,46 x 0,56
Weight (oz.)	1,05

3 Model types

2 button transmitter : Item 030217
4 button transmitter : Item 030218

4 Main features

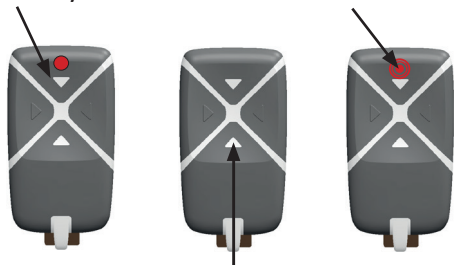


4 Encoding

The transmitter comes with set-in-factory fixed serial number (switch setting).
If you want to copy the security code of an existing transmitter follow the procedure below.

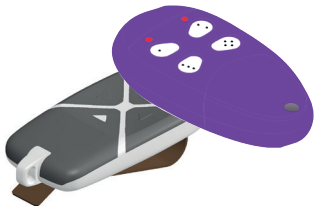
5 Copy existing transmitter

1: Press / Hold 1 : red led ON 3 : LED starts flashing



2: Press 2; keeping 1 down

4: hold the old transmitter above the new one < 10 mm and press any one of the buttons on old transmitter until the red led makes a long flash and then turns off.



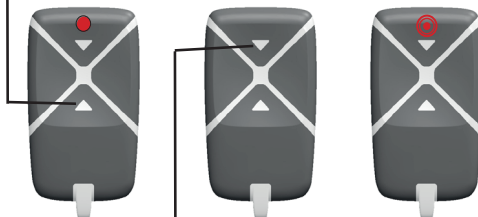
The Long Flash indicates code copied successfully. The led keeps on flashing for 10 sec. until the code is copied: if no long flash try changing the position of the 2 devices and try the Copy procedure again.

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6 Setting the code manually (+/0/-)

If for any reason (es: old transmitter lost) you want to set the security code manually, creating the combination of +, 0, - like for a real dip-switch, follow the procedure below.

1: Press/hold 2: red led ON



2: Press 1 for 2 sec. keeping 2 held 3: LED flashes 3 times
begin entering code

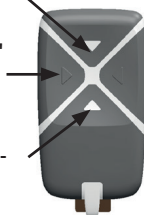
The code is entered by pressing the keys 1 for +, 2 for -, 3 for 0. After 3 flashes the LED remains lit and each press of a key is signaled by a flash of the LED (ON -OFF-ON) and when the last one is inserted the LED turns off.

The first key enters dip1.

1 = '+'

3 = '0'

2 = '-'



Example of sequence:

1-3-2-1-2-2-1-3-1

7 Programming

The transmitter code has to be stored into the receiver memory before use. Simply hold down the button on the transmitter you want to use. While holding the transmitter button down, press the appropriate programming button (P1 or P2) on the receiver. Once the receiver indicator lights up or gate operates, programming is complete. Any additional transmitters that are set to the same security code are also programmed at this time.

8 Battery replacement



Open the box inserting an edge in the back slot and extracting the bottom with the electronic card.

Slide the battery downwards and replace it with equivalent type CR 2032 Lithium 3V with the positive (+) upwards.



NOTE: Please dispose of the batteries correctly, they are hazardous waste.

9 FCC

FCC ID = PWJTM39

This device complies with Part 15 of the FCC Rules provided it is assembled in exact accordance with the instructions provided with this kit. Operation 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.

10 Warranty

USAutomatic, LTD warrants this product to be free of defects in materials and workmanship for 1 YEAR. For a period of 1 YEAR following purchase USAutomatic, LLC. will repair or replace the product free of charge, including parts, shop labor and return to customer shipping and handling. This 1 YEAR warranty does not cover the plastic case from normal wear, the battery or damage due to misuse of the transmitter. To have the product sent for warranty consideration, it must be returned with the proof of purchase and a return authorization number. To obtain a return authorization number please call 1-888-711-0001 for assistance. The return authorization number must be clearly marked on the outside of the return package or it may not be accepted.



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