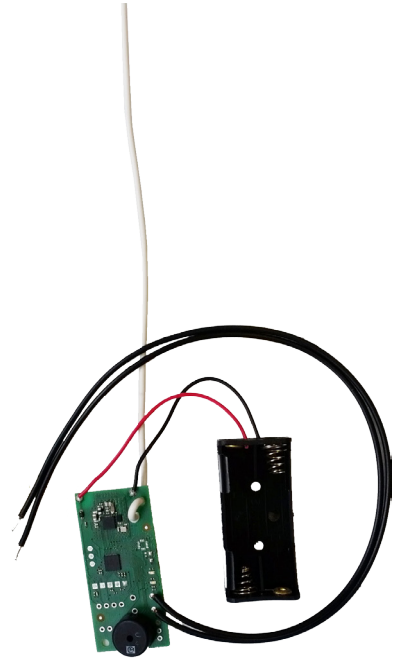




Transmitter
SOLUTIONS®

TRAHANBUT915-AL



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

CONTENTS

1. TRANSMITTER OVERVIEW
 - 1A - General information
 - 1B - Technical specification
 - 1C - Main components
 - 1D - Status of the transmitter
2. NUMBERING
3. PROGRAMMING
4. OPERATION
5. BATTERY ACCESS
6. TROUBLESHOOTING

1A - General information

The Transmitter Solutions transmitter is a transmitter operating at 915MHz. It has been designed for the control of automatic closing systems and anti-burglar systems, thanks to its very high security coding system (Rolling 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.

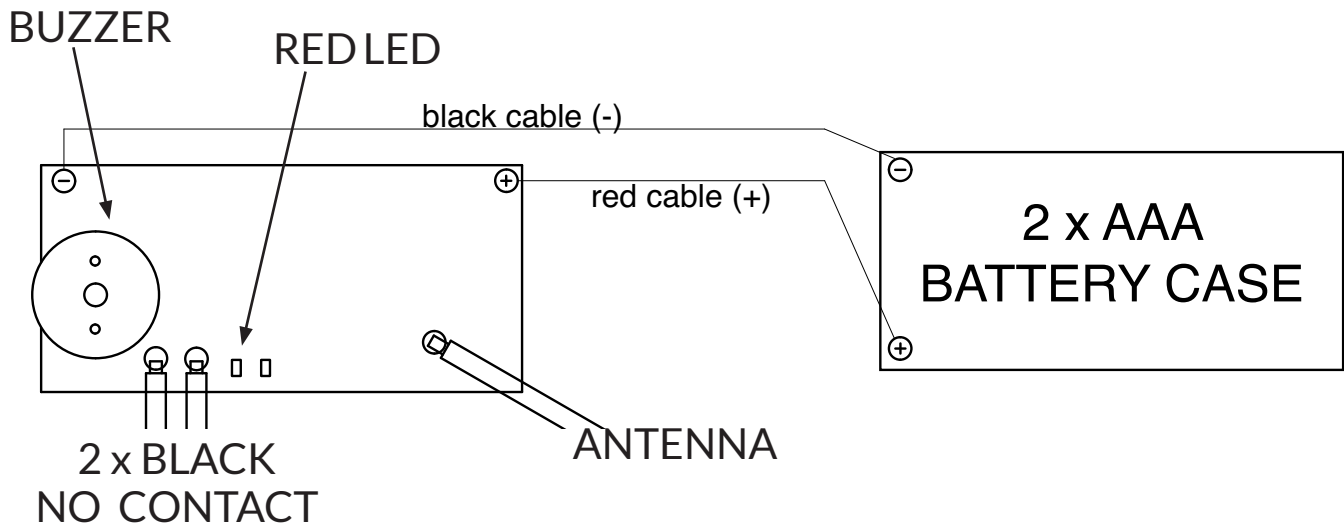
The two AAA alkaline batteries of the transmitter have a shelf life of about 24 months.

The product fully complies with Part 15 of FCC Regulations.

1B - Technical specifications

Operating frequency:	915 MHz
Number of inputs:	1
Battery:	2 x 1,5V Alkaline battery (AAA)
Battery life:	18 - 24 months
Security Code:	Rolling code
Number combinations:	2exp256
Operating temperature:	23°F - +131°F (-5°C - +55°C)
Overall dimensions (transmitter):	2,13" x 0,98" x 0,39" (54 x 25 x 10 mm)
Overall dimensions (battery case):	2,00" x 0,94" x 0,47" (51 x 24 x 12 mm)
Weight:	0.64 oz. (18,2 gr.)
Weight with batteries:	1.45 oz. (41,2 gr.)

1C - Main components



1D - Status of the transmitter

By pressing the button connect to the TRAHANBUT915-AL transmitter it is possible to check the status of the battery:

1. Press and hold the button.
2. After 5 seconds, the transmitter emits:
 - 2 fast beeps, the status of the battery is ok.
 - From 3 to 6 slow beeps, the level of the battery is low. The lower level is signaled with 6 beeps.

When the level of the battery is low, at each use of the transmitter, it indicates the low battery with an acoustic signal.

NOTE: in case the button is blocked, after 10 s the transmitter will emit an audio error signal and it will be repeated every 60 s.

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- Connect the NO button to the inputs cables (2 black cables).

B- Firmly depress the button until the red LED illuminates.

C- After the LED has illuminated, release the button.

If the device you are attempting to activate does not respond, repeat steps B and C or consult section 6 (Troubleshooting) of this manual.

5 - BATTERY ACCESS

To access the battery, please refer to the push plate manual.

Slide out the old batteries and replace them with the new ones (AAA alkaline battery) respecting the polarity.

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 the button is pushed.

6 - TROUBLESHOOTING

PROBLEM	SOLUTION
The system does not receiver the transmitter signal. The transmitter LED will not light	Replace the transmitter batteries
The system does not receiver the transmitter signal. The transmitter LED is ON	Check to verify the transmitter is programmed into your sistem
The operating range is reduced	Replace the transmitter batteries

Transmitter Solutions - Type: TRAHANBUT915-AL FCC ID: SU7HANBUT915-AL

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 any 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 and the user's authority to operate this product.

WARRANTY

The warranty period of Transmitter Solutions 915 transmitters is 60 months, beginning from the manufacturing date of the transmitter. During this period, if the product does not 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.



7380 S. Eastern Ave, Ste 124-320 - Las Vegas, NV 89123

(866) 975-0101 - (866) 975-0404 Fax

www.transmittersolutions.com

Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 & 74 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- . Reorient or relocate the receiving antenna.
- . Increase the separation between the equipment and receiver.
- . Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- . Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. (Example - use only shielded interface cables when connecting to computer or peripheral devices).