

**EN TRANSMITTER, ARTICLE ART. TVTXW868x01-02-04-42 TVTXM868x01-02-04-42**

**DESCRIPTION OF THE PRODUCT**

UHF band transmitter with PPL controlled carrier frequency. This type of transmitter is used to remotely start electrical and electronic door opening mechanisms in compliance with current standards. This appliance transmits a rolling code type signal to prevent duplication and guarantee maximum secrecy. The transmitter code can be stored in the receiver directly via the latter or via radio from the transmitter. With the second possibility you can add new transmitters to an existing system without having to touch the receiver. This can be done directly by the end user (the installer's help is not required). The code is stored in the receiver's EEPROM memory that retains it even if power is cut temporarily.

**SAFETY RULES**

- Do not use the manual transmitter in places or where systems are sensitive to radio emissions (e.g. airports, hospitals).
- Do not keep or use the manual transmitter in places that are damp, where there is steam, high air humidity, dust or where it is exposed to the direct rays of the sun or similar environmental conditions.
- Do not let the manual transmitter drop: it could be damaged or its range of action reduced.

**USE**

- The operator is in no way protected against interference from other telecommunication equipment or systems (e.g. authorised radio systems working on the same frequency range).
- If you are having problems with its range of action, fix the manual transmitter up high. Change the battery if necessary.
- Do not use your nails to press the key as they could damage the keys.

**CHANGING THE BATTERY**

- Keep the batteries out of the reach of children. Call a doctor immediately if a battery is swallowed.
- Explosion hazard if the battery is substituted incorrectly.
- Replace the battery with a CR 2430 type battery only.
- Always wrap the battery up, both when it is being stored and when it is being disposed of. The battery should not come into contact with other metal objects as it could cause the battery to run down, catch fire or be damaged.
- Dispose of damaged or finished batteries immediately in compliance with the law. To this end, contact the authorities for safeguarding the environment or the centre for disposing of waste materials in your area.
- Do not throw the battery away with household rubbish.

1. Open the cover.
2. Take the old batteries out and put the new ones in in the same way.



Pay attention to correct polarity (+/-)!

Code Number:	Series	Model number	Date
TVTXW868x01-2-3-4-42-42S	TVLink RS868	T267.02	01/03/10
TVTXM868x01-2-3-4-42-42S			

**WALL FIXING**

If the transmitter is fixed on the wall with biadhesive, the maximum holding will be reached after 24 hours from the application. Application temperature min.+10°C.

**GUARANTEE**

The guarantee complies with the law. If the guarantee has to be used please refer to the specialized retailer. The right to the guarantee is applicable only for the country in which the manual transmitter was purchased. The batteries are not covered by the guarantee.

**HOW TO STORE A TRANSMITTER VIA RADIO WITHOUT ACCESSING THE RECEIVER BY MEANS OF A PREVIOUSLY STORED TRANSMITTER**

- Press the internal key P3 of a previously stored transmitter, the enabled receiver emits a continuous sound for 5 seconds.
- Transmit a channel present in the memory of the receiver, in which the new code is to be memorized, within 5 seconds and the buzzer will interrupt the sound for 1 sec, and then carry on for another 5 seconds.
- Transmit the new channel to store within 5 seconds, confirmed by intermittent buzzing.

**DECLARATION OF CONFORMITY TO THE EU DIRECTIVES**

The transmitter conforms to the essential requirements and provisions laid down by the R&TTE 1999/5/EC directive. A copy of the declaration of conformity (DoC) is available on the site: [www.telecoautomation.com/ce](http://www.telecoautomation.com/ce). The directives and norms that have been applied are:

- European directive on EMC, 89/336/EEC
- EN 300220-1, EN 300683, EN 60950

**TECHNICAL DATA**

The transmitters are coded directly by the manufacturer with a different code for each transmitter.

**Technical specifications**

Carrier frequency	868.3 MHz
Apparent radiated power	-3 ÷ 1dBm
Apparent power of harmonic products	<-54dBm(<4nW)
Modulation	FSK
Power supply	3V ± 10% (lithium battery CR2430)

Consumption when transmitting	10 mA
- Working temperature	-10° to +55°C

In the view of a constant development of their products, the manufacturer reserves the right for changing technical data and features without prior notice.

**Push-button SEL multi-transmitter function (only for 42 version)**

Each LED-position represents a transmitter, (total: 6 positions)  
- Press the push button SEL from 1 to 6 times in order to select the desired position.  
The selection remains memorised until the next variation, as well with turned-off transmitter; it is sufficient to press a channel push button to reactivate the last selection.

**Program a new sub-group (only for 42 version)**

- It is possible to memorise up to 6 sub-groups.
- Press and hold down the push button SEL for 5 sec.  
After 2 seconds all positions will be selected and after 5 seconds you will enter the programming phase.  
The led of the position 1 starts to flash.
- To activate or deactivate the transmission on the desired positions use the push button 6. If the transmission is activated in that position, the led will flash quickly.
- Scroll the positions with the push button 5.
- Press the push button SEL to memorise and to go to the programming of the next sub-group.
- Program a new sub-group or escape with push button 7.

**Utilisation of the group function (only for 42 version)**

- Press and hold down the push button SEL for 2 seconds. All positions will be selected.
  - Press the channel which has to be transmitted.
- The transmitter begins the transmission by sending the desired channel of each position. The current transmission is indicated by a quick flashing of the LEDs.

If no push button is pressed, after 5 sec. the transmitter will turn off automatically.

**Utilisation of the sub-groups function (only 42 version)**

- Press and hold down the push button SEL for 2 seconds. All positions will be selected.
  - Press another time until the appearance of the interested sub-group.
  - Press the channel which has to be transmitted.
- The transmitter begins the transmission

by sending the desired channel of each indicated position. The current transmission is indicated by a quick flashing of the LEDs.

**Channels limitation function (only for 42S version)**

The 42S version does not have the group and sub-group function.  
In order to activate the channels limitation function press the push button SEL until the maximum number of channels you want use and keep it pressed for 10 seconds.  
The channels limitation is signalled by the flashing of the selected LEDs:  
1 LED lighted: up to 7 channels  
2 LED lighted: up to 14 channels  
3 LED lighted: up to 21 channels  
4 LED lighted: up to 28 channels  
5 LED lighted: up to 35 channels  
In order to deactivated the channels limitation function press the push button SEL until the maximum number of channels used and keep it pressed for 10 seconds.  
The deactivation of the limitation channels is signalled by the flashing of all LEDs.

The memorisation of the "single" or "in pairs" channels depends on the functions of the receiver.

