

## Key Features

The transmitter must be used with a compatible receiver. The transmitter code changes on every activation to prevent scanning or copying of the signal.

A special algorithm keeps the transmitter and receiver synchronised. (Keeloq ® Hopping code)

A factory set serial number identifies each transmitter. The serial number is stored in the receiver memory during commissioning.

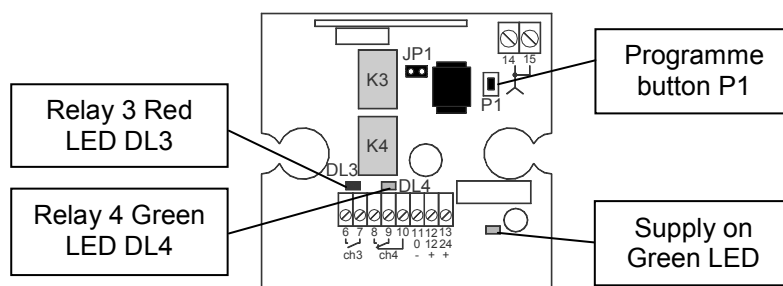
Only transmitters whose codes are held in the receiver memory will activate the receiver.

**These instructions are for Doors with TS961, TS970 or TS981 Controls and Radio Receiver VR/R2E. For Doors with TS971 Controls refer to the TS971 Instruction book**

**433.92 MHz Rolling  
Code Transmitter  
VR/TF2E 2 Channel  
40019030 00001  
VR/TF4E 4 Channel  
40019031 00001**

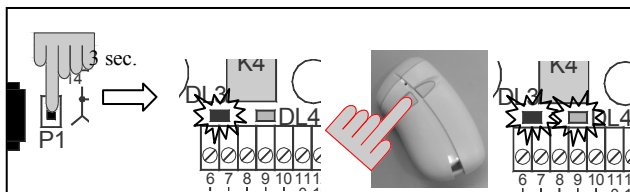


## Storing the Transmitter Code in the 2-Channel Mini

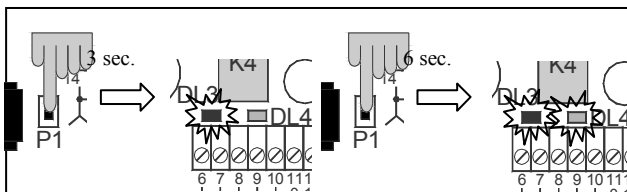


<p>3 sec.</p>			
<p>Press and hold Radio Receiver button P1 for 3 seconds until red LED DL3 turns on.</p>		<p>Press button P1 again to select Relay K3 or K4 indicated by LED DL3 or DL4</p>	
<p><b>Relay K3</b></p> <p>Sequential operation determined by the setting of TS9xx parameter P2.6</p>	<p><b>Relay K4</b></p> <p>Open command only. Shutter closes by TS9xx time delay or close push button.</p>	<p>OR</p>	
<p>Control Relay K3 – Sequential operation when used with TS9xx Control Relay K4 – Open command only when used with TS9xx Shutter</p>		<p>Decide which transmitter button will operate the Shutter and press it. The selected relay will energise and the corresponding LED will flash. Another transmitter can be added while LED DL3 or DL4 is on.</p>	

## Cancelling Transmitter Codes from the 2-Channel Mini Receiver Memory.



**Cancelling a Single Transmitter Code.**  
Press and hold Radio Receiver button P1 for 3 seconds until red LED DL3 turns on. Press the Transmitter button that is to be cancelled. If it is a stored code it will be cancelled and LED DL3 and DL4 will flash twice.

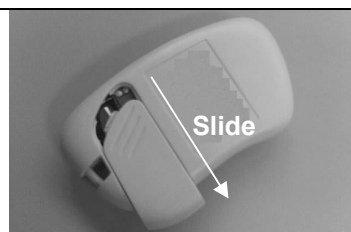


**Cancelling all Transmitter Codes.**  
Press and hold Radio Receiver button P1 for 3 seconds until red LED DL3 turns on. Release and Press P1 again, hold for 6 seconds until LED DL3 and DL4 flash three times.

## Replacing the battery

Replace the battery with type 23A – L1028 only.

Remove the battery cover.



Remove the old battery and replace making sure that the new battery is the right way round +, -.



## Technical Specification

Supply:	12 Vdc
Battery life:	from 12 to 18 months
Battery type:	23A – L1028
Current consumption:	25 mA
Operating frequency:	433.92 MHz
Security code combinations:	$2^{64}$
Modulation:	AM/ASK
E.r.p.:	100 – 200 $\mu$ W
Range in open space:	150 – 250 m
Operating temperature:	-10 °C + 50°C
Dimensions:	81 x 46 x 16
Weight:	40 g

## Declaration of Conformity

Hereby, CDVI Wireless Spa, declares that the radio equipment type VR/TFxE is in compliance with directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: [www.gfa-elektromaten.co.uk](http://www.gfa-elektromaten.co.uk)