

RECEIVER FOR RESISTIVE LOADS UP TO 16A

1- GENERAL DESCRIPTION

Attention!

The subject appliance must be installed only by qualified technical personnel in compliance with the standards. All connections must be rated for a single-phase power supply of 230V. For the disconnection from the power line, use an all-pole switch with contact with an opening of at least 3,5mm. Only suitable materials for the connections must be used to guarantee insulation that complies with current standards on the subject of electrical safety. The programmer carries out movement commands by radio; all the necessary safety devices are to be seen to separately.

2- Radio receiver with 16 A 250 V \sim relay contacts, transmitter channel memorization by means of an internal button or remote (via radio) using channel code addressing.

Centralised commands are possible allowing you to simultaneously switch on more than one appliance.

It can be commanded either by standard radio controls or directly through commands sent from the TVLINK. The specific TVLINK codes are encoded directly by the manufacturer inside an EEPROM memory module that maintains the information even in case of blackouts. They are also printed on the product label so they can be inserted into the TVLINK device. These codes cannot be cancelled or modified as they are an integral part of the receiver.

The transmitter code can be inserted (memorised) either directly into the receiver or via radio from the transmitter. The second possibility allows you to insert new transmitters into an existing system without having to have the receiver on hand. This may be carried out easily by the user without the help of the installer whilst still guaranteeing the total secrecy of the code.

The user code is memorised under EEPROM in the receiver which maintains the code information even when faced with blackouts.

3- Transmitters

The transmitters are encoded in the factory and each transmitter has its own unique code.

Caution! If you keep a channel button pressed down for more than 30 seconds the transmitter will automatically switch off.

The receiver is compatible with all transmitters of the TVLink range: TVTXV, TVTXP, TVTXC, TVTXK, TVTXQ, TVTXL, TVTXS.

4- Memorization

To memorise the transmitter on the channel 1 of the receiver use the MEM1 push button.

To memorise the transmitter on the channel 2 of the receiver use the MEM2 push button.

Attention! The first transmitter must be memorized using the receiver (each time you start a new installation you should cancel the entire memory content by pressing DEL in the receiver)

4.1- Memorisation single channel

The channels ch1, ch2, ch3, ch4 will be memorised one by one.

1- Press and hold down the pushbutton MEM1 or MEM2 of the receiver, the buzzer will sound continuously.

2- Transmit the channel which is to be memorised, once the channel is memorised, the buzzer will sound intermittently, release the pushbutton.

Repeat points 1 and 2 to memorise ulterior channels from receiver.

See paragraph 5 to memorise ulterior channels from transmitter.

4.2- Memorisation couple of channels

The channels ch1, ch2 and ch3, ch4 will be memorised in couple.

1- Press for two times and hold down the pushbutton MEM1 or MEM2 of the receiver, the buzzer will sound continuously.

2- Transmit one of the couple of channel which is to be memorised, once the channel is memorised, the buzzer will sound intermittently, release the pushbutton.

Repeat points 1 and 2 to memorise ulterior channels from receiver.

See paragraph 5 to memorise ulterior channels from transmitter.

5- How to insert a transmitter via radio without having to access the receiver by means of an already memorized transmitter (memory indexing procedure)

The type of memorisation of the channels (single, couple) depends on how the channel, which is used in point 2, has been memorized.

1) Press the button P3 located inside the already memorized transmitter. The enabled receiver sound continuously for 5 seconds.

2) 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.

3) Transmit the new channel to be memorized within 5 seconds and once memorized the buzzer will sound intermittently.

To insert other transmitters another code repeat operations 1, 2 and 3

If the receiver's memory is full it cannot be enabled and this will be indicated by the buzzer B1 sounding intermittently.

6- To cancel a code with the push button DEL in the receiver

1) Press and hold down "DEL", after 0.8 seconds buzzer will sound intermittently slowly.

2) Transmit the code which is to be cancelled, once it has been cancelled, buzzer will sound continuously.

To cancel ulterior code repeat points 1 and 2.

6.1- To cancel all memorised codes with the push button DEL in the receiver

1) Press and hold down "DEL" at least for 0.8 seconds, then buzzer will sound slowly and intermittently. At this point release "DEL" and press it again within 0.5 seconds, hold it down for at least 10 seconds (during this period buzzer will sound intermittently and quickly) as buzzer will sound continuously. Release the button after completing the operation.

6.2- To cancel via radio a code through a transmitter already set in the memory

1) Press "P3" for three times at regular intervals within 5 seconds, buzzer will sound intermittently slowly.

2) Transmit the code which is to be cancelled within 5 seconds, once the code has been cancelled buzzer will stop sounding.

To cancel ulterior codes repeat points 1 and 2

7- Errors during the memorising

If the code is not memorised it could be due to the following conditions:

-The code already exists in memory

-The memory is full (max. 42 codes). In this case the Buzzer will make 3 bip each time the power is switched on and during the memorisation.

TECHNICAL SPECIFICATIONS

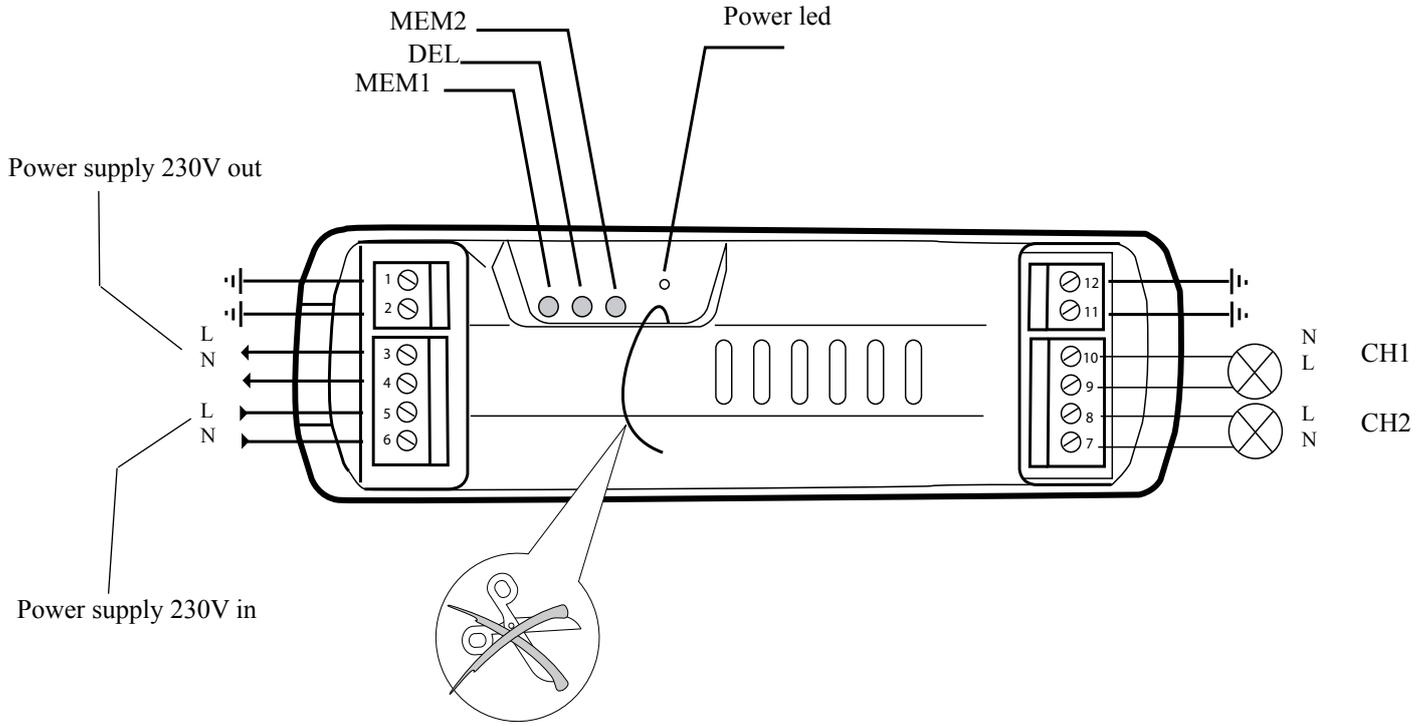
-reception frequency	868.3 MHz
-intermediate frequency IF	10.7 MHz
-sensitivity (finely tuned signal)	1 μ V
-power supply	230 V \sim \pm 10%
-operating temperature range	-20° - +60°C
-maximum commutable power at the relay with resistive load:	10A / 24 V \sim 16A / 250 V \sim

Connection

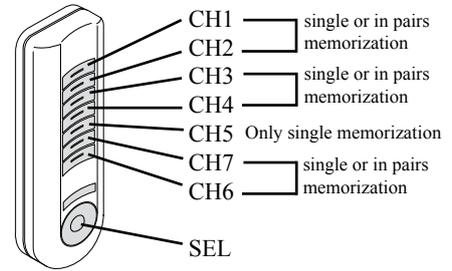
1	Unit earth connection
2	Unit earth connection
3	Live power supply 230V \sim out
4	Neutral power supply 230V \sim out
5	Live power supply 230V \sim in
6	Neutral power supply 230V \sim in
7	Neutral power supply 230V \sim light CH2
8	230V \sim output light CH2
9	230V \sim output light CH1
10	Neutral power supply 230V \sim light CH1
11	Earth connection light
12	Earth connection light

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

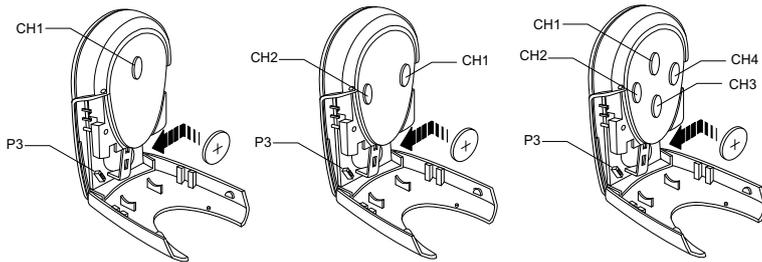
Code Number:		Model number	Draft	Date
WISEPACK SWI REC			T313.01	13-04-07



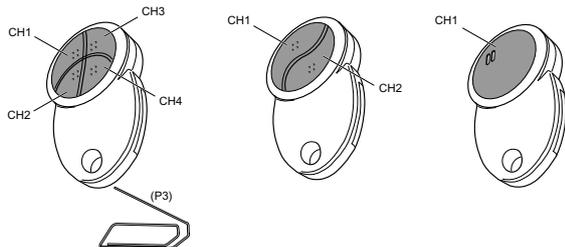
TVTXQ868A07-42



TVTXV868A01-02-04



TVTXP868A01-02-04



TVTXC868A04

