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RECEIVER FOR ON/OFF COMMAND OF LIGHTS

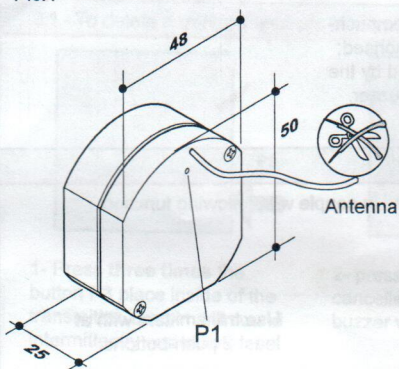
Product code: TVRRL868S02 ON / OFF receiver for lights. Radio commanded and integrated in a electrical system with switch function.

Receiver for the remote control of appliances up to a maximum resistive power of 1000 W compatible with the TVLINK system.

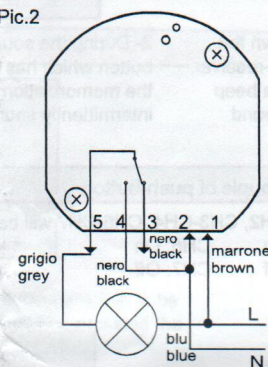
The receiver is supplied with a diverting device as shown in picture 2, the common wire must be connected to the lamp, as shown in the two examples in pictures 3 and 4.

1 - Connections

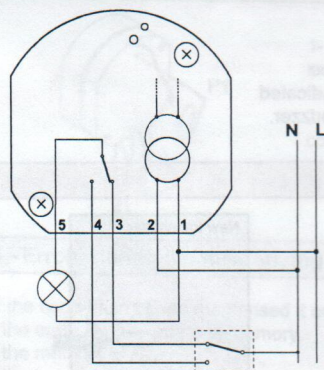
Pic.1



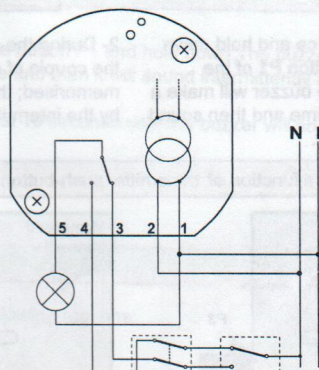
Pic.2



- 1-2 (Brown, Blue): input 230Vac
- 3 (Black): n.c. relay out
- 4 (Black): n.o. relay out
- 5 (Grey): common relay out



Pic.3: general diagram for a light plant controlled from a fixed and a radio point.



Pic.4: general diagram for a light plant controlled from two fixed points and a radio point.

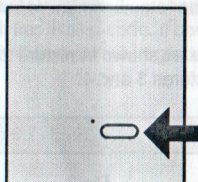
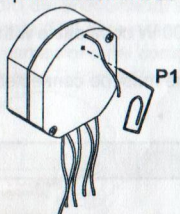
Code Number:	Series	Model number	
TVRRL868S02	TVLink RS868	T426.01	

2 - Transmitters memorization

The first transmitter can only be memorized using the receiver (you are advised to cancel the entire memory content at the beginning of each installation by pressing the P1 button).

2.1 - Memorization single push-button

The push-button will be memorised one by one with dynamic function On-Off-On-Off.



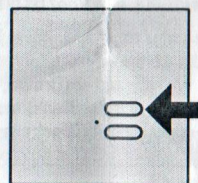
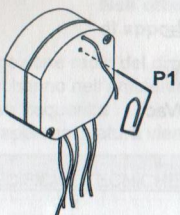
1- Press and hold down the push-button **P1** of the receiver, the buzzer will make a beep each time and then sound continuously.

2- During the sound press the push-button which has to be memorised; the memorization is indicated by the intermittently sound of the buzzer.

2.2 - Memorization couple of push-button

The channels CH1-CH2, CH3-CH4, CH6-CH7 will be memorised in couple with following function:

CH1: On CH3: On CH6: On
CH2: Off CH4: Off CH7: Off



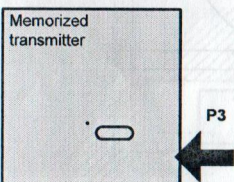
Use transmitters with at least 2 push-buttons.

In transmitters with 3, 6 and 7 push-buttons, push-button CH5 does not memorize.

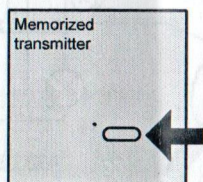
1- Press **twice** and hold down the push-button **P1** of the receiver, the buzzer will make a beep each time and then sound continuously.

2- During the sound press one of the couple of channel which is to be memorised; the memorization is indicated by the intermittently sound of the buzzer.

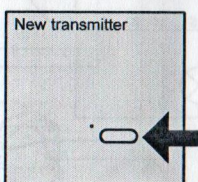
2.3 - To copy a function of P1 transmitter push-button to a new transmitter



1- Press the button **P3** located inside the **already memorized transmitter**. The enabled receiver sound continuously.

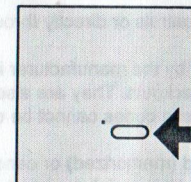
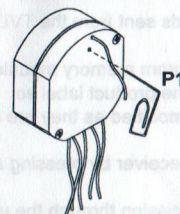


2- Within 5 seconds press a push-button of the **already memorized transmitter** from which the function has to be copied. The buzzer will interrupt the sound for 1 sec., and then carry on for 5 seconds.



3- During the sound press the push-button of the **new transmitter** which has to be memorised; the memorization is indicated by the intermittently sound of the buzzer.

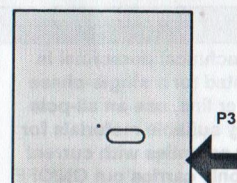
3 - To delete a transmitter from receiver



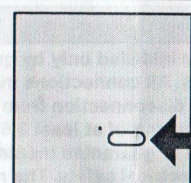
1- Press **three times** and hold down the push-button **P1** of the receiver, the buzzer will make a beep each time and then sound continuously.

2- During the sound press the push button which is to be deleted; the deletion is indicated by the intermittently sound of the buzzer.

3.1 - To delete a transmitter from transmitter

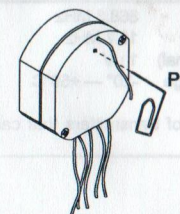


1- Press **three times** the button **P3** place inside of the transmitter. Buzzer will sound intermittently and slowly.



2- press the push-button which is to be cancelled, once it had been deleted the buzzer will stop the sound.

3.2 - To delete all transmitter



1- Press **four times** the button **P1** and hold down. The buzzer will make a beep each time and then it will sound intermittently and rapidly.
2- Hold down for at least 10 seconds until the buzzer will sound continuously.

4 - Errors during the memorising or deleting

If the code hasn't been memorised it could be due to the following reasons:

- the code already exists in memory.
- the memory is full.
- the indexing procedure has not been correctly started up.

If the code hasn't been cancelled it could be due to the following reasons:

- the code doesn't exist in memory.

Memory full or empty

If the memory is full or empty the buzzer will sound intermittently and slowly for 3 seconds each time it is switched on or during the memorization fase.

5 - Compatibility with TVLink system

It can be commanded either by standard radio controls or directly through commands sent from the TVLINK (open-close from the remote control TVTXIR).

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 standard radio control codes can be inserted (memorized) or cancelled in the receiver by pressing a button through a small hole located to one side of the aerial (see picture 1)

The code transmission type is "Rolling-code". The code is changed for every transmission through the use of an algorithm that only the receiver is able to recognize.



Codes to be inserted in the TVLink device.

Warning



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 receiver only carries out ON/OFF commands and all safety devices required by the system must be prepared a part. In the view of a constant development of their products, the manufacturer reserves the right for changing technical data and features without prior notice.

The device's signal reception could be disturbed by several factors such as:

- the presence of electrical frequency noise being transmitted by other appliances working in the same environment and on the same frequency.
- appliances installed in metal containers or shielded from metal parts; only use containers made of plastic.

TECHNICAL SPECIFICATIONS

-Power supply	230 V ~	-Reception frequency	868.3 MHz
-Relay out	8A 230 V ~	-Intermediate frequency	10.7 MHz
		-Sensitivity (finely tuned signal)	1 µV
		-Operating temperature range	-20° — +50°C
		- The maximum number of transmitters that can be memorized is 42.	

