

RADIO RECEIVER FOR 230V COMMANDS

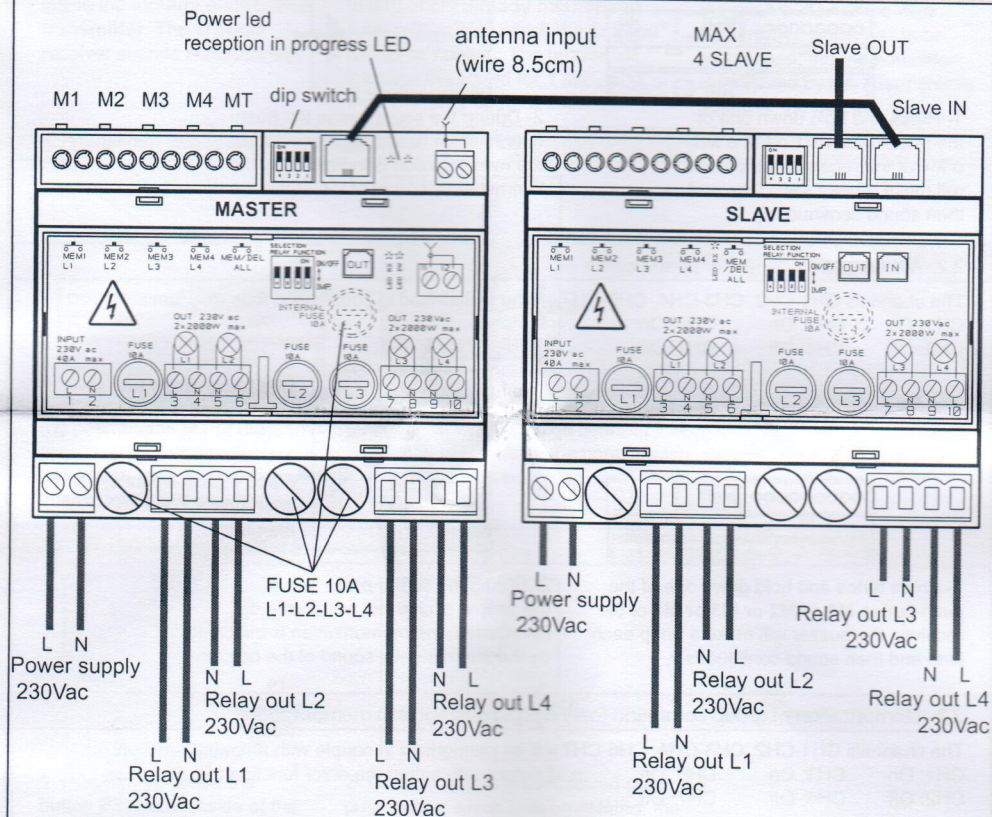
Product code: TVRCD868A04F Radio receiver for ON/OFF commands of 230Vac loads 10A max.

TVRCD000M04F Radio receiver SLAVE for ON/OFF commands of 230Vac loads 10A max.

Receiver for the remote control of 230V appliances up to a maximum resistive power of 2000W compatible with the TVLINK system.

Programmable relay functions: impulsive or ON/OFF.

1 - Connections



- DIP1 - ON L1 Relay with ON/OFF function
- OFF L1 Relay with impulsive function timeout 180ms
- DIP2 - ON L2 Relay with ON/OFF function
- OFF L2 Relay with impulsive function timeout 180ms
- DIP3 - ON L3 Relay with ON/OFF function
- OFF L3 Relay with impulsive function timeout 180ms
- DIP4 - ON L4 Relay with ON/OFF function
- OFF L4 Relay with impulsive function timeout 180ms

Code Number:	Series	Model number	Data
TVRCD868A04F/M04F	TVLink RS868	T429.01	16/03/11

2 - Transmitters memorization

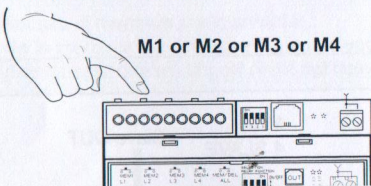
The first transmitter can only be memorized using the receiver (you are advised to cancel the entire memory content at the beginning of each installation by pressing the MT button).

Each channel is associated with a button for the memorization:

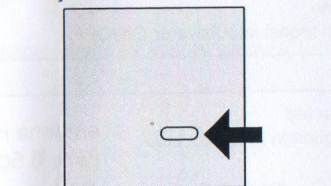
M1 with relay L1, M2 with relay L2, M3 with relay L3, M4 with relay L4.

2.1 - Memorization single push-button

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



1- Press and hold down one of the push-button **M1** or **M2** or **M3** or **M4** of the receiver, the buzzer will make a beep each time and then sound continuously.

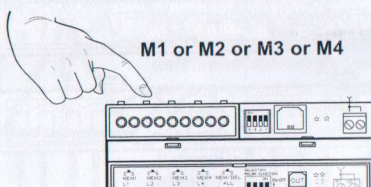


2- During the sound press the push-button which has to be memorised; the memorization is indicated by the intermittently sound of the buzzer.

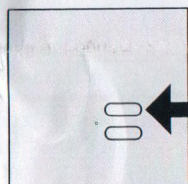
2.2 - Memorization couple of push-button

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



1- Press **twice** and hold down one of the push-button **M1** or **M2** or **M3** or **M4** of the receiver, the buzzer will make a beep each time and then sound continuously.

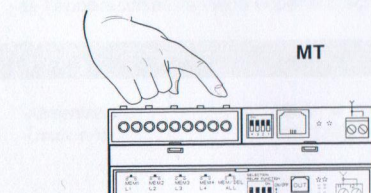


2- During the sound press one of the couple of channel which is to be memorised; the memorization is indicated by the intermittently sound of the buzzer.

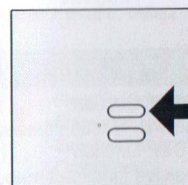
2.3 - Memorization of group command (only couple push-button memorization)

The channels CH1-CH2, CH3-CH4, CH6-CH7 will be memorised in couple with following function: in all output with setted the on/of function (dip ON)

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



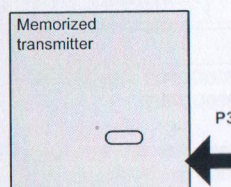
1- Press and hold down the push-button **MT** of the receiver, the buzzer will make a beep each time and then sound continuously.



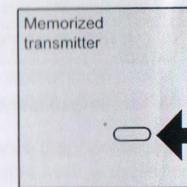
2- During the sound press one of the couple of channel which is to be memorised; the memorization is indicated by the intermittently sound of the buzzer.

2.4 - To copy a function of transmitter push-button to a new transmitter

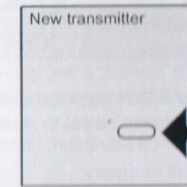
The new transmitter will have the same functions as the transmitter used for the memorization.



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

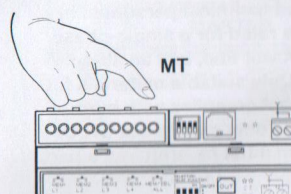


2- Within 5 seconds press a push-button of the **already memorized transmitter** from which the function has to be copied. The buzzer will interrupt the sound for 1 sec., and then will carry on for 5 seconds.

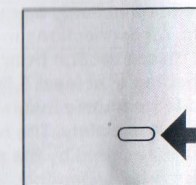


3- During the sound press the push-button of the **new transmitter** which has to be memorised; the memorization is indicated by the intermittently sound of the buzzer.

3 - To delete a transmitter from receiver

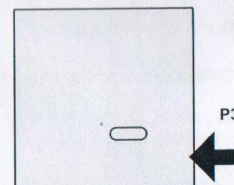


1- Press **twice** and hold down the push-button **MT** of the receiver, the buzzer will make a beep each time and then sound intermittently and slowly.

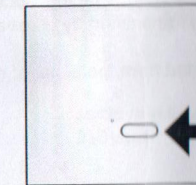


2- During the intermittent sound press the push button which is to be deleted; the deletion is indicated by the continuously sound of the buzzer.

3.1 - To delete a transmitter from transmitter

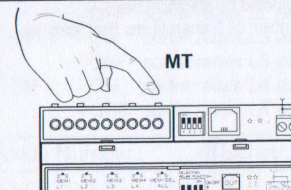


1- Press **three times** the button **P3** placed inside of the transmitter. Buzzer will sound intermittently and slowly.



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

3.2 - To delete all transmitter



1- Press **three times** the button **MT** and hold down. The buzzer will make a beep each time and then will sound intermittently and rapidly.
2- Hold down the push-button for 10 seconds; after that the buzzer will sound continuously indicating that the memory has been cancelled.

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 of the receiver is full or empty the buzzer will sound three times either during the memorization phase or after the reset of the receiver.

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. Ground connection must be provided separately.

In the connection to power line and to outputs follow the indications of line and neutral. Connections wire must have a section suitable to the applied load.

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 ~
-Relay out 8A 230 V ~ cos φ 1

-Reception frequency 868.3 MHz
-Intermediate frequency 10.7 MHz
-Sensitivity (finely tuned signal) 1 μV
-Dimensions 6M
-Operating temperature range -20° — +50°C
-Din rail mounting protected by electrical box
-The maximum number of transmitters that can be memorized is 42.