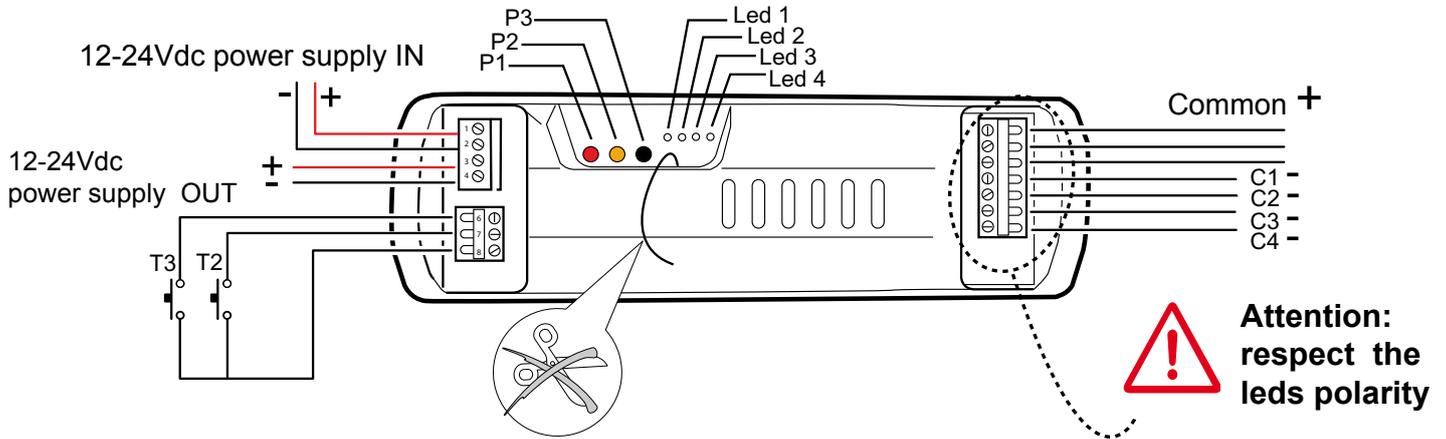


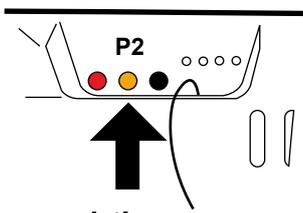
## RADIO RECEIVER RGB CONTROLLING LED STRIP COMMON ANODE

**Product code:**

**TVRGBWD868ST25** 4 output, 2.5A Master receiver

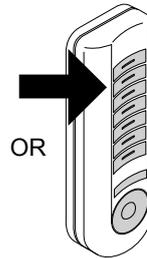
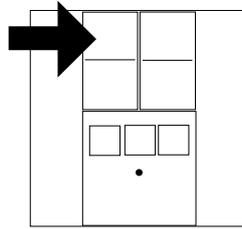


### 1 - Memorization of 7-channel transmitters with On/Off/Dimmer Colour function



**1 time and hold down**

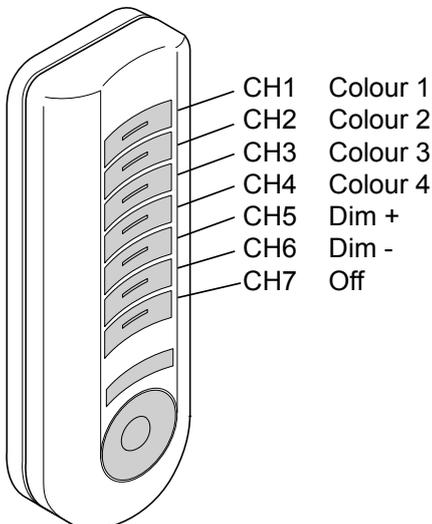
1- Press the push button **P2** **once and hold** it down, the buzzer will make a beep and then sound continuously.



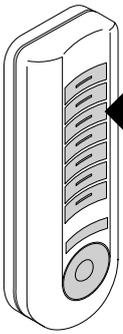
Function available only for 7 or 42 channels transmitter

2- During the sound press one push button, of the 7-channel transmitter which has to be memorised, the memorization is indicated by the intermittently sound of the buzzer.

All the push-buttons of the transmitter are automatically memorized.

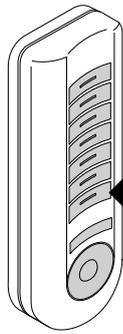


## 1.1 - How to change the pre-programmed colours in the 4 push buttons on the transmitter



**press the button to change**

1- Press and hold down the push button of the colour you desire to change. The light turns on the on set value.



**press push button OFF for 10s**

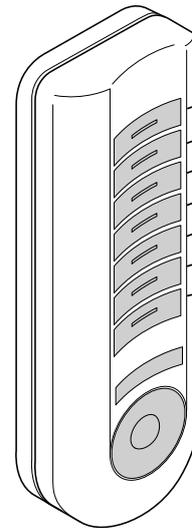
2- Press and hold down push button OFF for 10s. The light turns off and on again after 10 seconds to indicate that you've now entered the colour changing mode.

3- In colour changing mode the push buttons of the transmitter have the following functions:

- in the first 4 push buttons (CH 1-2-3-4) with short impulses ( 800ms) the single colour turns on and off; holding it down you increase or decrease the intensity of the single colour.
- CH5 increases the intensity of the displayed colour
- CH6 decreases the intensity of the displayed colour
- CH7 memorizes the modifications and exits the procedure

It is also possible to memorize an OFF value tuning off the colours with the first 4 push buttons of the transmitters.

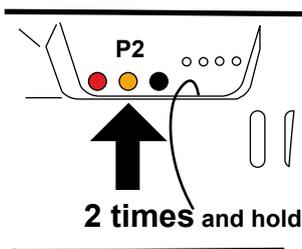
In colour changing mode, if the push buttons are not held down for more than a minute, the receiver will automatically exit the procedure without saving the modifications.



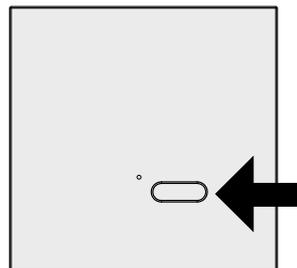
CH1	Colour 1
CH2	Colour 2
CH3	Colour 3
CH4	Colour 4
CH5	Dim +
CH6	Dim -
CH7	Off

## 2 - Memorization of one transmitter push-button with On/Off/Dim function

With short impulses (<800 ms.) turn the light on and off, by holding it pressed increase or decrease the intensity of the colour memorized in the "Colour 1" push-button.



1- Press the push button **P2 two times and hold** it down, the buzzer will make a beep each time and then sound continuously.

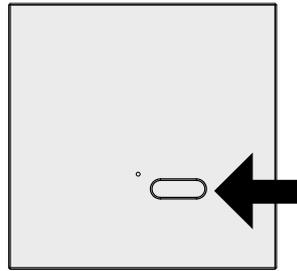
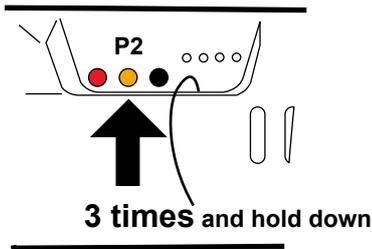


2- During the sound press the push-button which has to be memorised; the memorization is indicated by the intermittently sound of the buzzer.

Function available for all type of transmitters

### 3 - Memorization of one transmitter push-button with ON function

The push-button memorised with On function turns on the colour memorized in the “Colour 1” push-button.



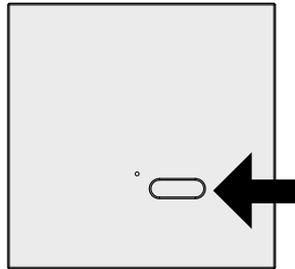
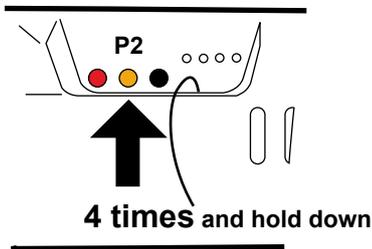
Function available for all type of transmitters

1- Press the push button **P2 three times and hold** it down, 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 with ON function; the memorization is indicated by the intermittently sound of the buzzer.

### 4 - Memorization of one transmitter push-button with OFF function

The push-button memorised with Off function turns off the light.



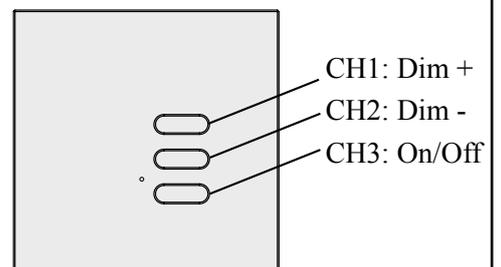
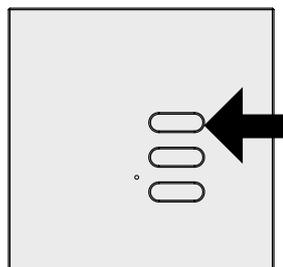
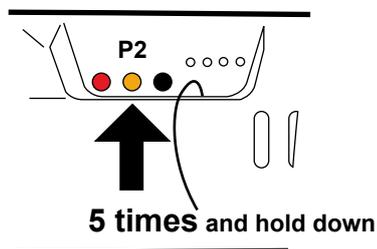
Function available for all type of transmitters

1- Press the push button **P2 four times and hold** it down, 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.

### 5 - Memorization of 3 push-button transmitter

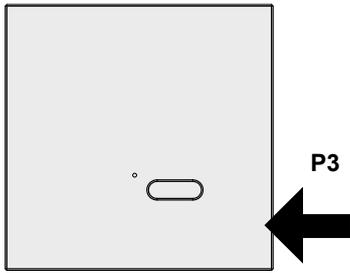
The memorized push buttons have increase, decrease and On/Off function of the light memorized in “Colour 1” push button.



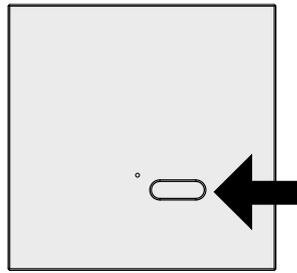
1- Press the push button **P2 five times and hold** it down, the buzzer will make a beep each time and then sound continuously.

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

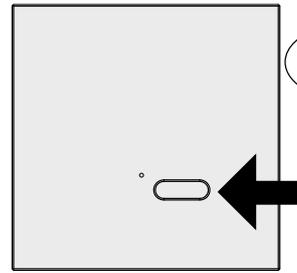
## 6 - To copy a function of transmitter push-button to a new transmitter



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



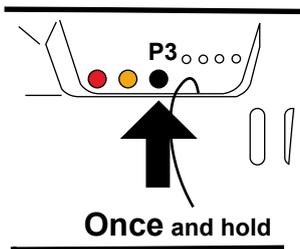
2- Within 5 seconds press a push-button of the **already memorized transmitter** from which the function has to be copied. The buzzer will interrupt the sound for 1 sec., and then carry on for 5 seconds.



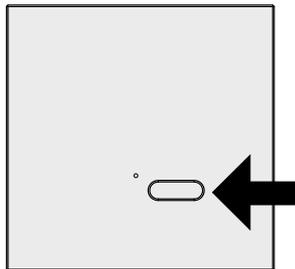
3- During the sound press the push-button of the **new transmitter** which has to be memorised; the memorization is indicated by the intermittently sound of the buzzer.

Function available for all type of transmitters

## 7 - To delete a transmitter

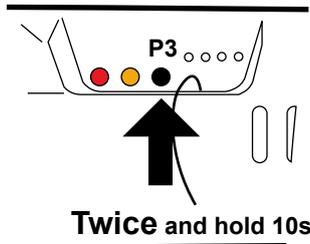


1- Press the push button **P3 once and hold** it down, the buzzer will make a beep each time and then sound slowly and intermittently.



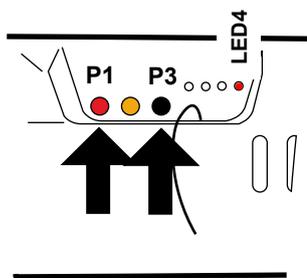
2- During the sound press the push-button which has to be deleted; the deletion is indicated by the continuously sound of the buzzer.

## 7.1 - To delete all transmitter



1- Press the push button **P3 twice and hold** it down, the buzzer will make a beep each time and then sound quickly and intermittently.  
2- Hold down the push button for 10 sec., after this 10 sec. the buzzer will sound continuously by indicating that the whole memory has been cancelled.

## 8 - Memory activation/ deactivation of the last value of light intensity

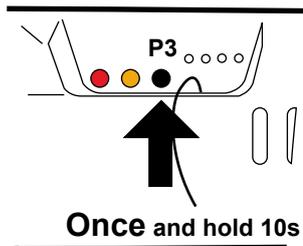


1- Push the push button **P1+P3 at the same time.**

- the light will flash 2 times and led 4 turn on if the function will be activated;
- the light will flash 3 times and led 4 turn off if the function will be deactivated.

## 9 - Colour settings reset

This procedure will restore the default colour settings

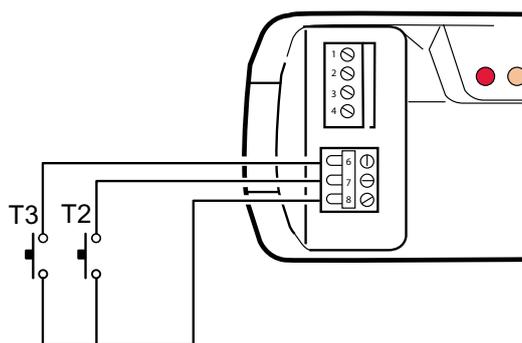


Push the push-button **P3 once and hold** it down for 10 seconds. The light turns on with a warm white colour and after 10 sec. it will flash once. The light will turn off at the release of the push button.



With this procedure the transmitter does not be deleted

## 10 - Functioning with manual push buttons in the Master receiver



The Master receiver has two manual push buttons for wired command with the following functions:

**a) push button T3**

With short impulses (<800ms) the light memorized in “Colour 1” push button turns on and off; holding down it is possible to increase and decrease light intensity.

**b) push button T2**

lights up in sequence the colours set in the first 4 push buttons of the transmitter.

## Warning



Connect the power supplier and the LED RGB in a correct way to the receiver before connecting the power supplier to the electricity network.

A faulty connection of the LED diodes (polarity inversion) could damages them, therefore pay attention during their connection by respecting the polarity. The general power supply of the device has to be by a power supplier which can supply the power and tension needed.

At the power-on-reset the condition previous the turning-off will be resumed.

The product must not be enclosed or placed with insulating material such as glass wool, polystyrene or similar materials. Let the housing to be well-ventilated.

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

## TECHNICAL SPECIFICATIONS

-Power supply 12 Vdc to 24 Vdc  
-Max. power for each output 4 x 2.5A  
-Cable sections in input 2,5 mm<sup>2</sup> with maximum load  
The connection cables must have a section suitable to the maximum load applied to the output, and to the additional devices connected to the input.

-Reception frequency 868.3 MHz  
-Intermediate frequency IF 10.7 MHz  
-Sensibility (finely tuned signal) 1  $\mu$ V  
-Operating temperature range -20° - +50°C

- Possibility to memorise up to 42 standard transmitters.