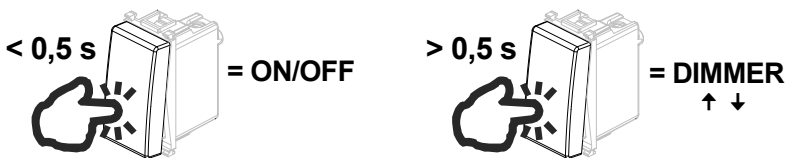
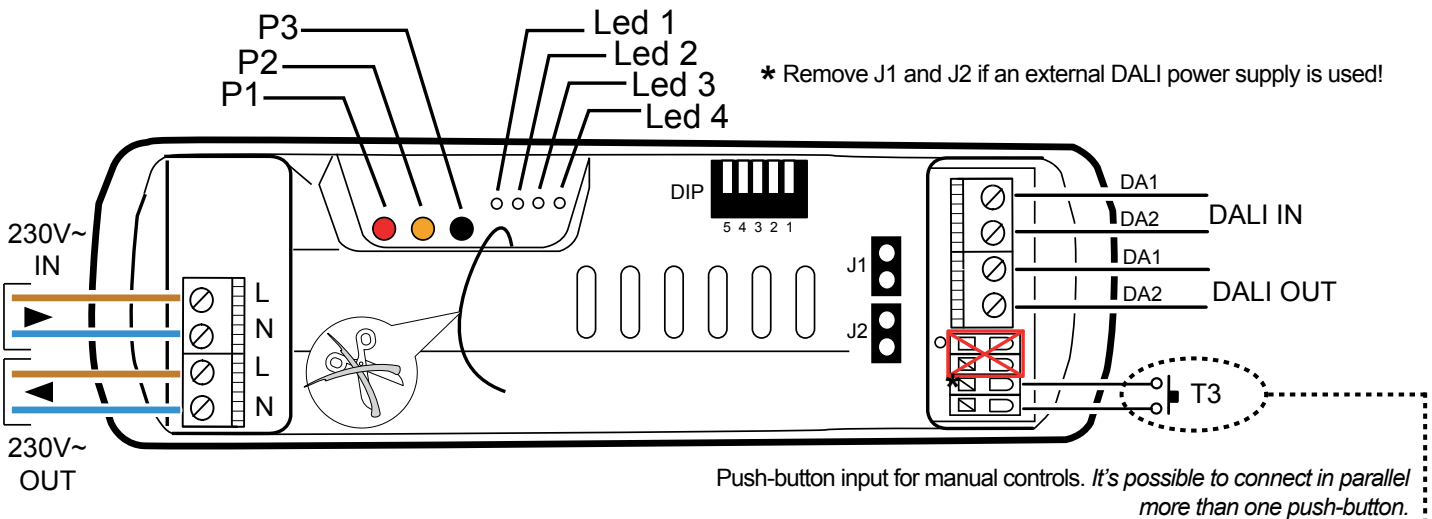


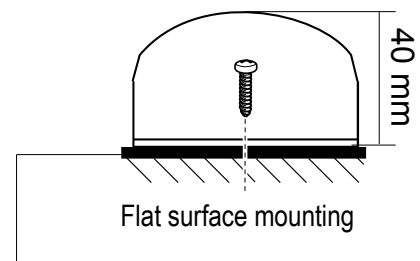
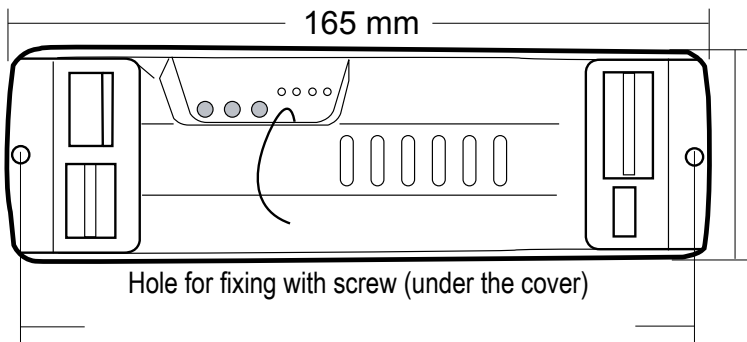
110-230V~ DIMMER WITH BUILT-IN RADIO RECEIVER AND DALI OUTPUT FOR CONTROL BALLASTS AND LAMPS. Push-button input for manual controls.

Product code

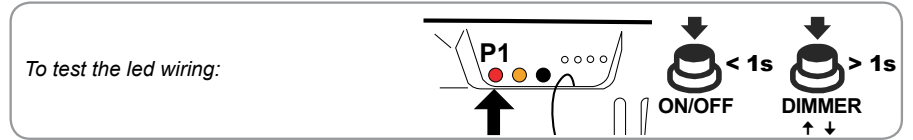
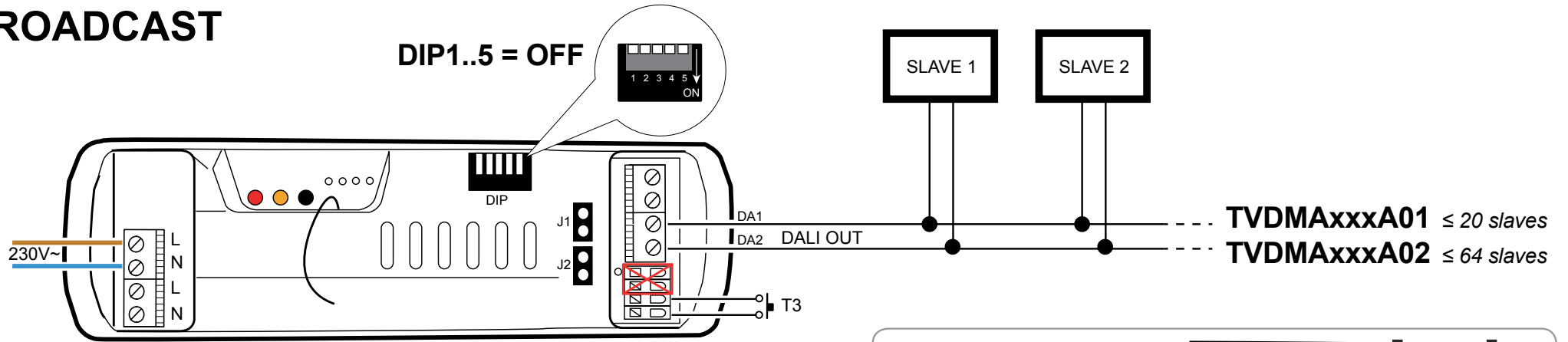
TVDMA868A01 ≤ 20 slaves, 868.3Mhz **TVDMA868A02** ≤ 64 slaves, 868.3Mhz
TVDMA916A01 ≤ 20 slaves, 916Mhz **TVDMA916A02** ≤ 64 slaves, 916Mhz



Mounting



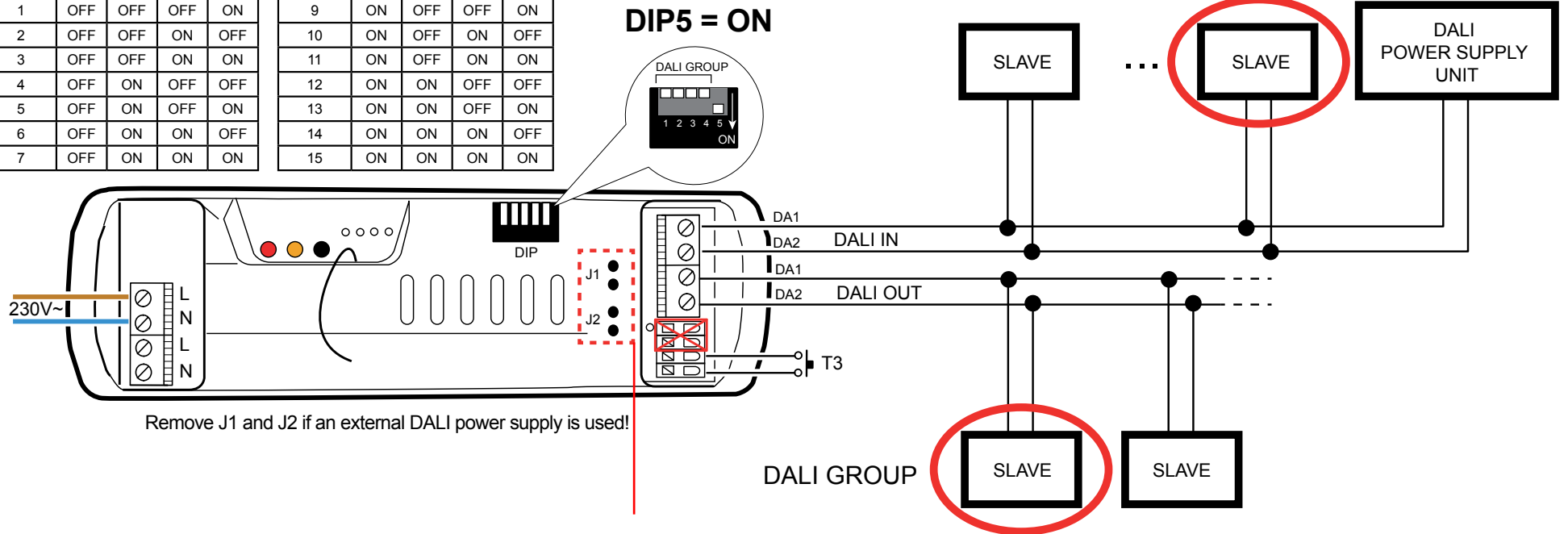
BROADCAST



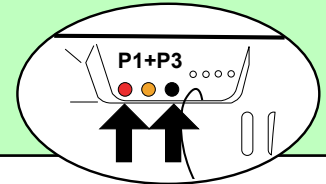
DALI GROUP (0..15)

GROUP	DIP1	DIP2	DIP3	DIP4
0	OFF	OFF	OFF	OFF
1	OFF	OFF	OFF	ON
2	OFF	OFF	ON	OFF
3	OFF	OFF	ON	ON
4	OFF	ON	OFF	OFF
5	OFF	ON	OFF	ON
6	OFF	ON	ON	OFF
7	OFF	ON	ON	ON

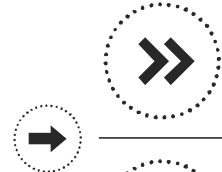
GROUP	DIP1	DIP2	DIP3	DIP4
8	ON	OFF	OFF	OFF
9	ON	OFF	OFF	ON
10	ON	OFF	ON	OFF
11	ON	OFF	ON	ON
12	ON	ON	OFF	OFF
13	ON	ON	OFF	ON
14	ON	ON	ON	OFF
15	ON	ON	ON	ON



1.1 Activation/deactivation of the memory of the last light intensity value



Press the buttons **P1** and **P3** at the same time.

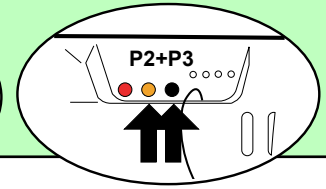
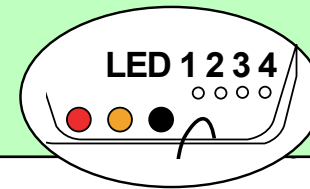


Activation **LED4 ON** = / **ON** → last value

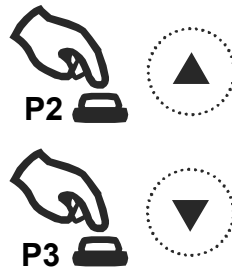


Deactivation **LED4 OFF** = / **ON** → 100%

1.2 Assigning a GROUP to the connected SLAVE devices



Press the buttons **P2** and **P3** at the same time.



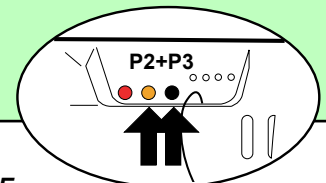
GROUP	LED1	LED2	LED3	LED4	GROUP	LED1	LED2	LED3	LED4
0	OFF	OFF	OFF	OFF	8	ON	OFF	OFF	OFF
1	OFF	OFF	OFF	ON	9	ON	OFF	OFF	ON
2	OFF	OFF	ON	OFF	10	ON	OFF	ON	OFF
3	OFF	OFF	ON	ON	11	ON	OFF	ON	ON
4	OFF	ON	OFF	OFF	12	ON	ON	OFF	OFF
5	OFF	ON	OFF	ON	13	ON	ON	OFF	ON
6	OFF	ON	ON	OFF	14	ON	ON	ON	OFF
7	OFF	ON	ON	ON	15	ON	ON	ON	ON

3 s CONFIGURED



= default

1.3 Restoring DALI default values of the SLAVES



Press **P2** and **P3** simultaneously **twice** and hold them the second time for **3 s**.

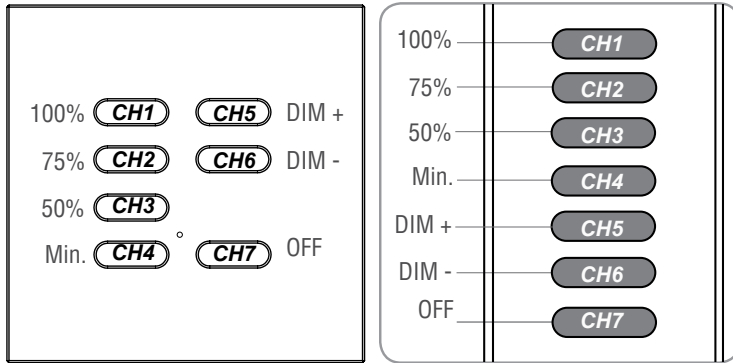
DALI OUT ON 1 s



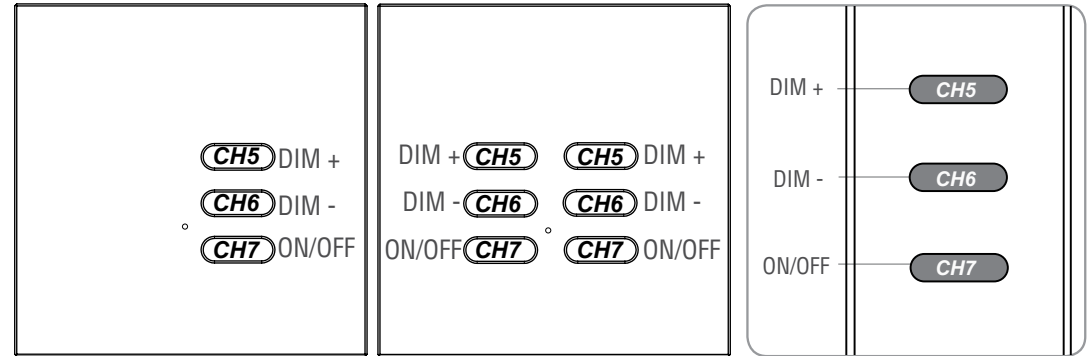
DEFAULT VALUE

POWER ON LEVEL: 0
MINIMUM LEVEL: 85 (1%)
MAXIMUM LEVEL: 254 (100%)
FADE TIME: 1
FADE RATE: 1
SYSTEM FAILURE LEVEL: 254 (100%)

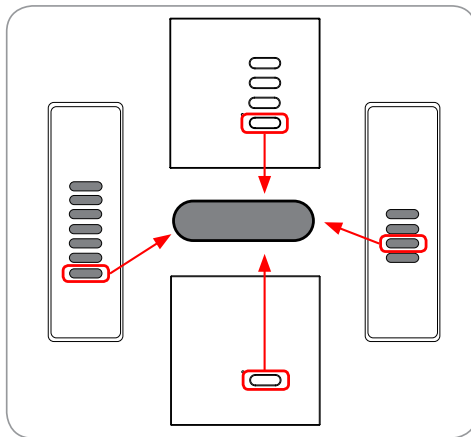
2 Wireless command devices



7/42 channels transmitter

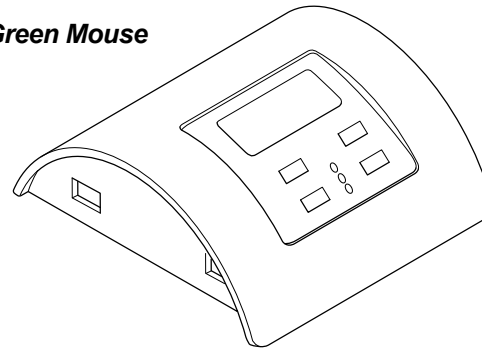


3/6/18 channels transmitter



Single command channel with function ON, OFF or ON/OFF/DIM

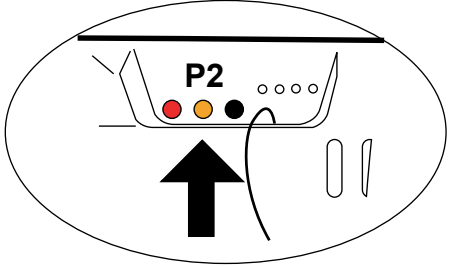











Green Mouse



Transmitter with **integrated light sensor**



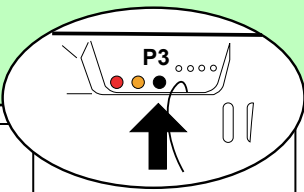



i See the product's instructions for details.

2.1 Radio codes memorization

TYPE OF MEMORIZATION <i>(see description p.4)</i>			 <i>continuous sound</i>	
7 channels	* x1			
1 button:  < 1 s ON/OFF  > 1 s DIMMER ↑ ↓	* x2			
1 button with function ON	* x3		Press the button of the transmitter relative to the code to memorize.	 <i>intermittent sound</i>
1 button with function OFF	* x4			
3 channels	* x5			
Green Mouse	* x6			

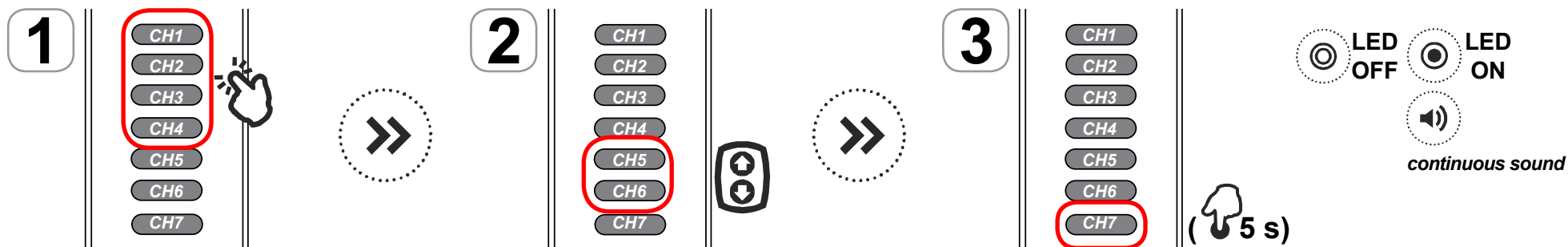
*The buzzer will make a beep each press.

2.2 Radio codes deletion

TYPE OF DELETION	P3	 <i>keep it pressed</i>	 <i>intermittent sound</i>	  <i>continuous sound</i>
Single radio code	* x1		Press the button of the transmitter relative to the code to delete.	
All the radio codes	* x2	 (10 s)		

2.3 Modification of the preset light values of a 7/42 channel transmitter

If any transmitter with modified light values is used in the remote memorization (3.1), the added transmitter will have the same modified values.

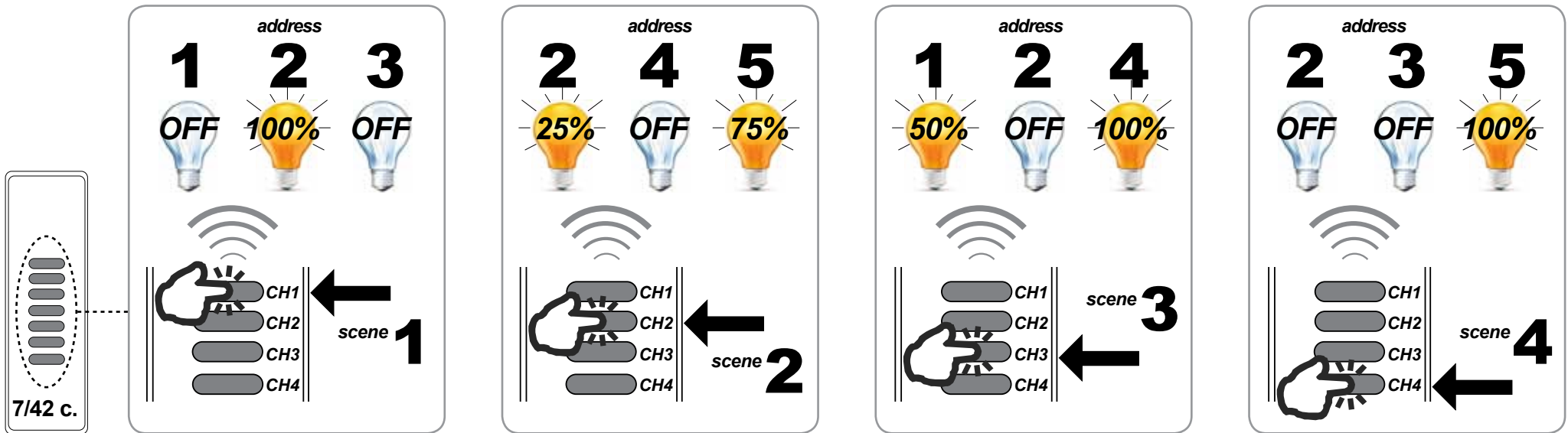


1. Press the button relative to the value to modify (CH1..CH4). 2. Adjust the value with buttons CH5 and CH6. 3. Press CH7 and keep it pressed for 5s.

The buzzer will make a beep each press.

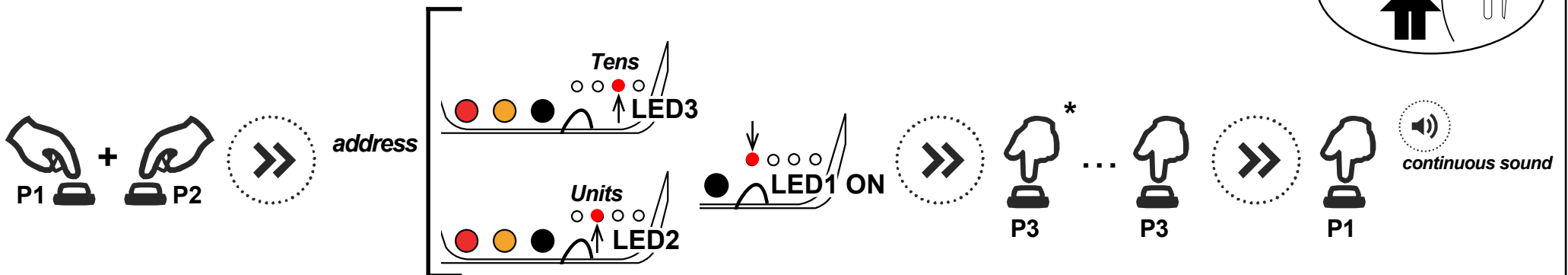
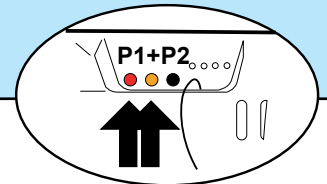
4 SCENES programming

Example -



ID: 1..20

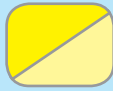
Setting the address of the receiver (1..20)



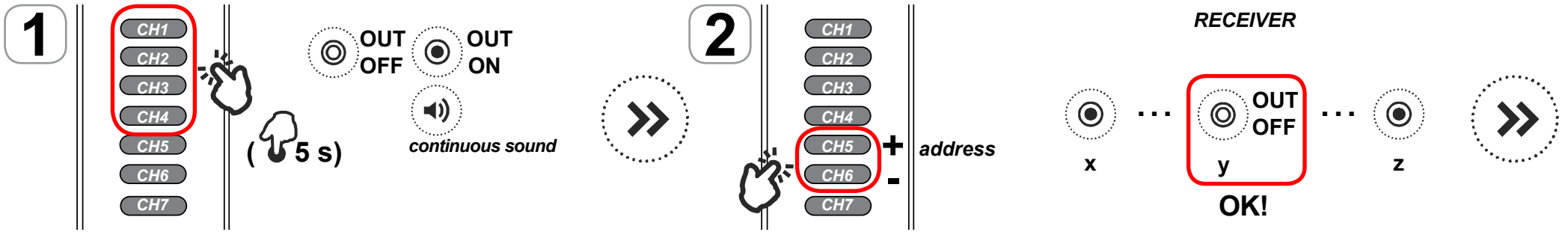
Press the buttons P1 and P2 at the same time.

The flashing of LED2 and LED3 shows the address. Press P3 as many times as the address to assign. Confirm with P1.

* LED1 turns off each press.

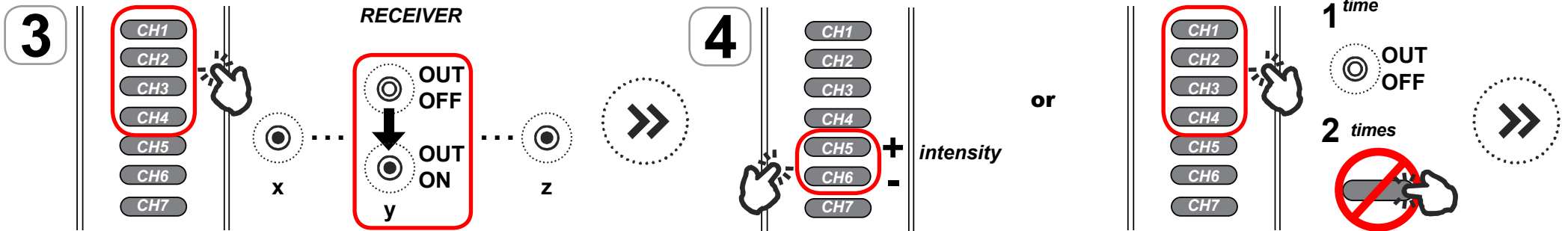


Modification of the preset light values of a 7/42 channel transmitter memorized in more than one receiver



Press the button **CH1**, **CH2**, **CH3** or **CH4** and keep it pressed **5 s**.

Select the receiver with **CH5** or **CH6**. The selected dimmer will have the load OFF.



Press the button relative to the value to modify (**CH1..CH4**).

Adjust the value with **CH5** and **CH6**, or press the same button (**CH1..CH4**) for **OFF** or **UNAFFECTED**.





WARNING: READ CAREFULLY THIS INSTRUCTIONS BEFORE INSTALLING AND COMMISSIONING THE PRODUCT. SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE.

PRODUCT INSTALLATION

The product at issue must be installed, commissioned and maintained only by licensed and authorised people, respecting the laws concerning the electrical installations. Not conforming installations, wrong adjustments or product alterations may cause fire, electric shock, or personal injuries. The manufacturer is not responsible for any damage due to wrong installation or improper use.

ELECTRICAL CONNECTIONS

All the connections must be rated for a single-phase 110-230Vac power supply, with the relative Earth connection. For the disconnection from the power line, use an all-pole switch with contacts having a dimension of at least 3,5mm. Arrange **all the necessary safety devices** and use only materials complying with the standard of electrical installations. The cable must have a section properly rated according to the load connected. **Attention:** If any cable is damaged, it must be immediately replaced by a qualified person in order to avoid any hazard. **manufacturer reserves the right for changing technical data and features without prior notice.**

SAFETY INFORMATION

Do not operate in the high voltage area of the electronic board, when it is supplied. Use the product only in combination with devices which can guarantee a safe extended time functioning. The radio signal reception of the device could be disturbed by the presence of electrical disturbances being transmitted by other appliances working on the same frequency or if the product is somehow shielded by metal parts.

PRODUCT DISPOSAL

At the end of this product's useful life, it must not be disposed of as domestic waste, but must be taken to a collection centre for waste electrical and electronic equipment. It is the user's responsibility to dispose of this appliance through the appropriate channels at the end of its useful life. Failure to do so may incur the penalties established by laws governing waste disposal.

Hereby automation s.r.l. declares that the product complies with the essential requirements and other relevant provisions, established by the Directive 1999/5/EC. **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	110-230V~
Max. DALI BUS output power	22V - 80mA = 20 SLAVES (TVDMAxxxA01) 22V - 250mA = 64 SLAVES (TVDMAxxxA02)
<i>The connection cables must have a section suitable to the maximum load applied to the output ($\geq 1\text{mm}^2$, $\leq 300\text{m}$), and to the additional devices connected to the input ($\leq 100\text{m}$).</i>	
Protection rating	IP20
Operating temperature range	-20°C / +50°C
Reception frequency	868.3 MHz (TVDMA868A0x) 916 MHz (TVDMA916A0x)
Radio memory capability (transmitters)	42