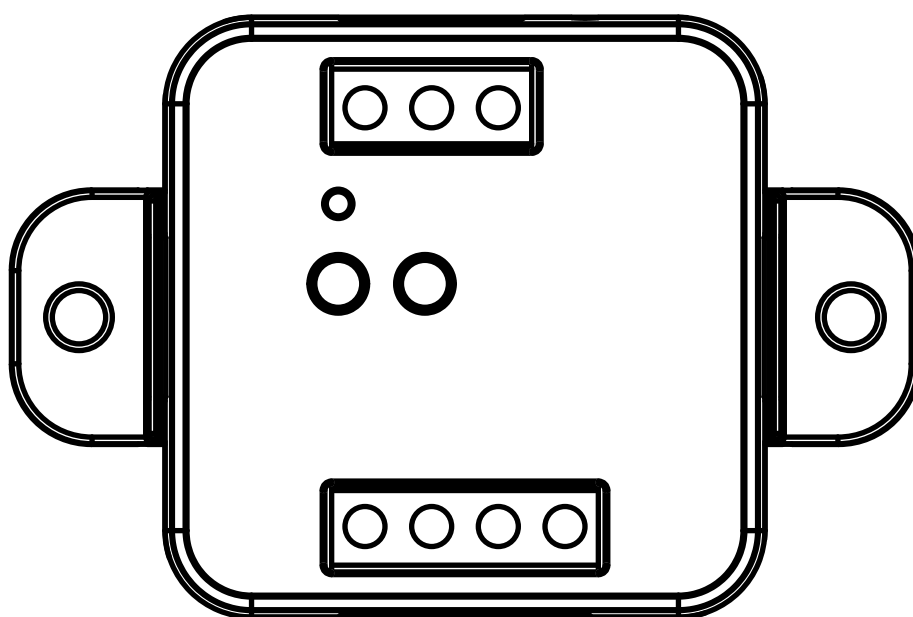


MCX-M/ONE

NEXTA
T E C H



Control unit for 230Vac motors with built-in dip switches.
Power supply 230Vac, Max 500W.
Integrated 433,92 MHz radio receiver.
WiFi connection for OneSmart App.

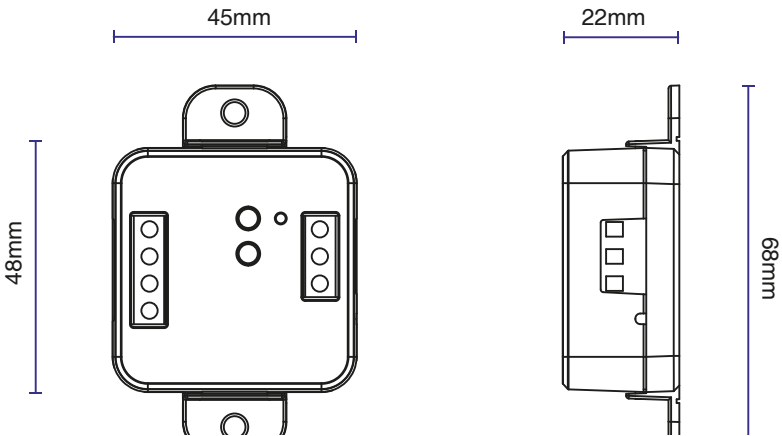
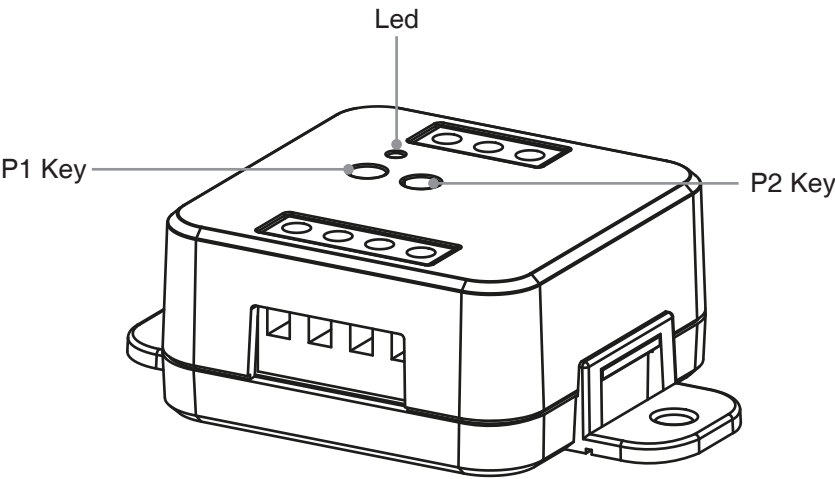
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1 - PRODUCT FEATURES

1.1 TECHNICAL DATA

Power supply (Input)	230Vac
Load type (Output)	230Vac motor with built-in limit switches
Max power load (Output)	500W
N° of programmable transmitters	30
RF receiver frequency	433,920MHz
WI-FI module frequency	2,4GHz (no 5GHz)
Protection rating	IP20
Working temperature	-20° +55°
Box dimensions	52x43x21 mm

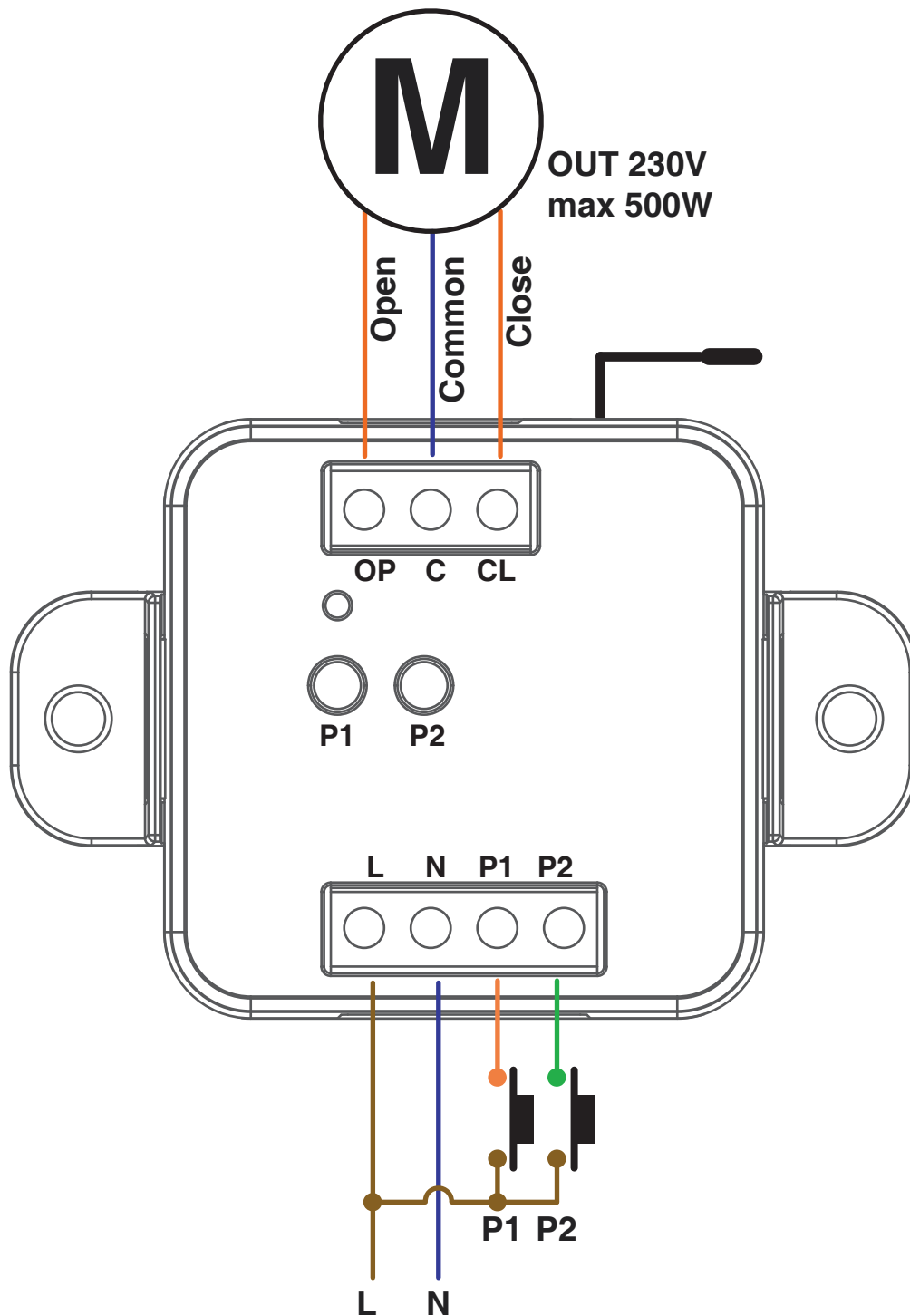


2 - CONNECTION DIAGRAMS

RECOMMENDATIONS

- Installation must be carried out only by professional technicians in accordance with the applicable electrical and safety regulations.
- All connections shall be operated without electrical voltage.
- Use proper cables.
- Don't cut the antenna
- Provide in the power line with an appropriate disconnection device
- Dispose of waste materials in full compliance with local law.
- Do not exceed the specified load limits

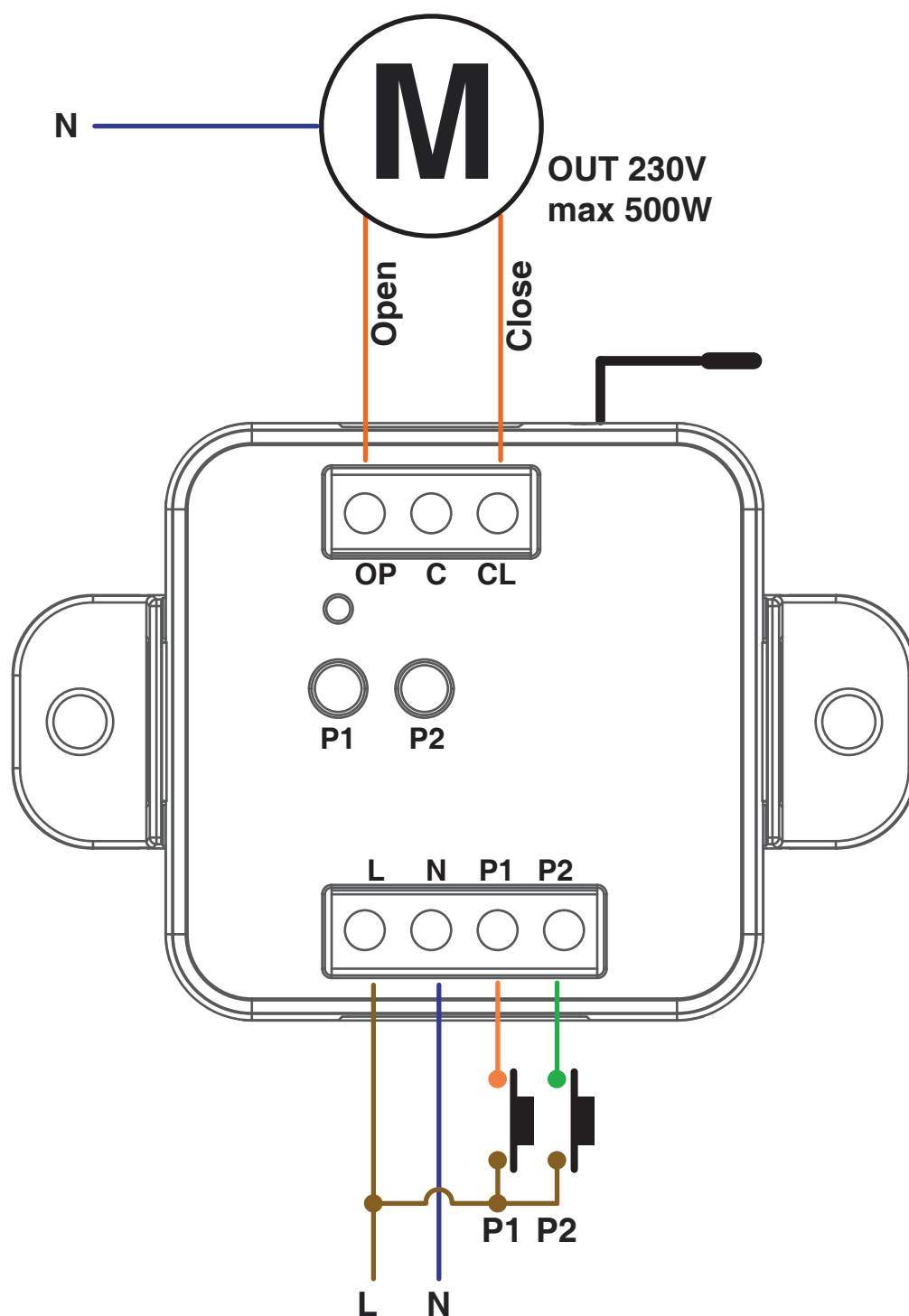
2.1 CONNECTION DIAGRAM WITH NEUTRAL FROM CONTROL UNIT



Filar inputs can be set to:

- Mono/BI Button, see paragraph 7.3
- Automatic/man-present operation, see paragraph 7.4

2.2 CONNECTION DIAGRAM WITH NEUTRAL FROM THE ELECTRICAL SYSTEM



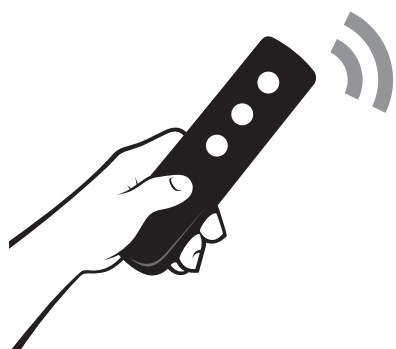
Filar inputs can be set to:

- Mono/Double Button, see paragraph 7.3
- Automatic/man-present operation, see paragraph 7.4

3 - USE OF THE CONTROL UNIT

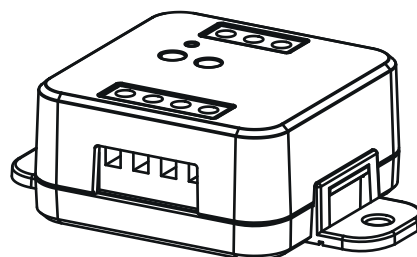
3.1 TYPICAL INSTALLATION

The system can be controlled by a wired push button, radio commands, smartphone App OneSmart or voice commands. The installation can operate with only radio controls or application only. Instead, to use voice commands, at least the App configuration must be completed.

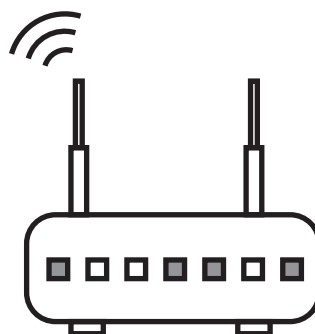


**RADIOTRANSMITTER
CONFIGURATION**

See paragraph 4



NEXTA CONTROL UNIT



**ROUTER WITH INTERNET
CONNECTION**



**APP CONTROL
CONFIGURATION**

See paragraph 5



**VOICE CONTROL
CONFIGURATION**

See paragraph 6

3.2 USE VIA WIRE

Once connected, the button is already active with Open/Stop/Close function.

3.3 USE VIA RADIO

To control the load via radio you must have compatible transmitters and therefore must carry out the association procedure, see paragraph 4.

3.4 USE VIA SMARTPHONE APP ONESMART

The configuration procedures described in paragraph 5 above must be followed to control the load by smartphone App.

3.5 USE WITH VOICE CONTROL

The configuration procedures described in paragraph 6 above must be followed to control the load by voice commands.

4 - MANAGEMENT WITH REMOTE CONTROL

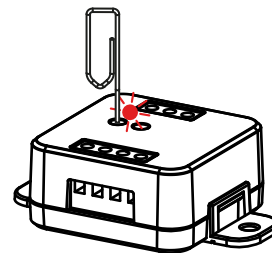
This procedure lets you programme/delete compatible transmitters.

4.1 - RADIO PROGRAMMING

This procedure lets you programme compatible multifunctional or generic transmitters.

STEP 1

Press the button P1 on the receiver for a short time.
The LED comes red on and stays on.



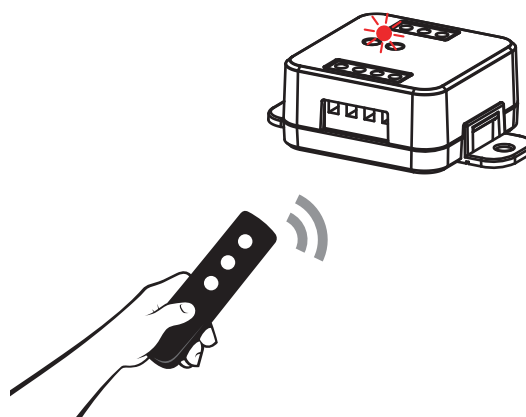
ACTION: Short pressure P1 button **LED:** Turns on red



STEP 2

Within 60 seconds make a transmission with the transmitter to be saved.

The LED on the receiver Flashes 3 times and turns off.



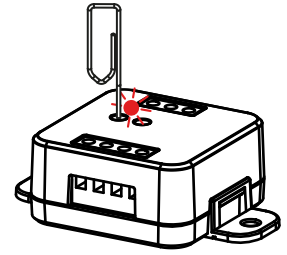
ACTION: Send a command with remote control **LED:** Flashes 3 times

4.2 - DELETION OF REMOTE CONTROL

These procedures let you delete from the memory transmitters that have already been programmed.

STEP 1

Hold the receiver button P1 down (about 8 seconds.) until the LED begins to Flash.



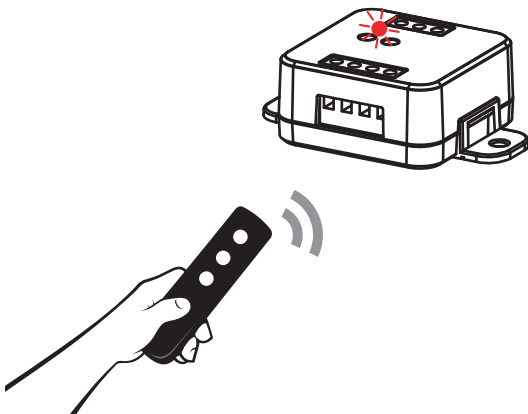
ACTION: Hold button P1 down **LED:** Flashes red

**DELETION OF SINGLE
TRANSMITTER**

**DELETION OF ALL
TRANSMITTER SAVED**

STEP 2a

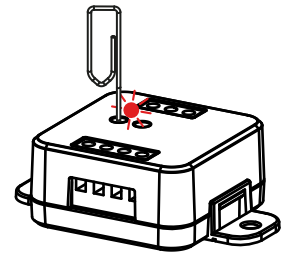
Within 10 seconds make a transmission with the transmitter that you want to delete.
The LED flashes quickly and turns off.



ACTION: Make a transmission with the transmitter
LED: Flashing quickly and turns off

STEP 2B

Within 10 seconds press the button P1 on the receiver for a short time to confirm the deletion of all transmitters.
The LED starts Flashing quickly and turns off.



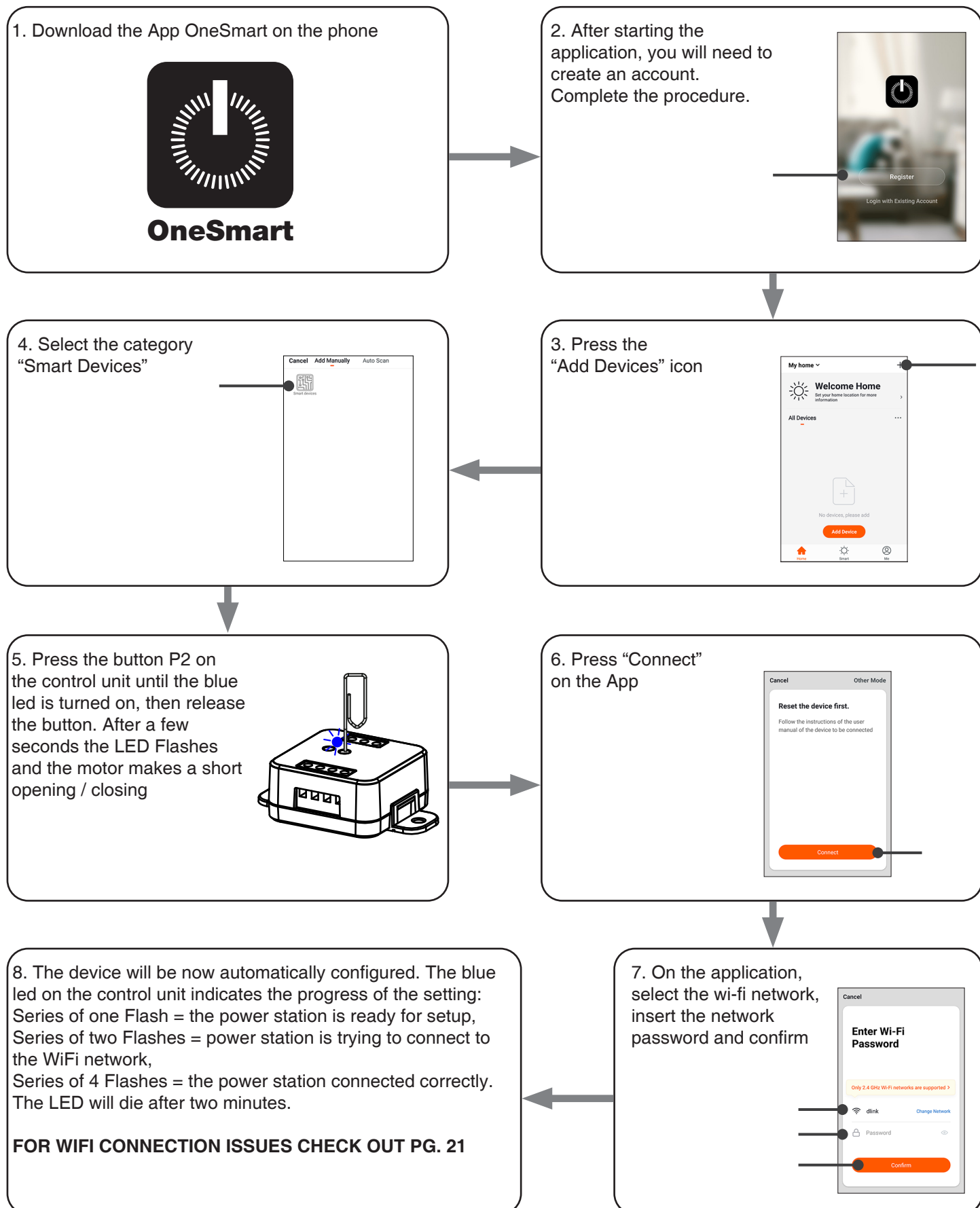
ACTION: Short press of button P1
LED: Flashing quickly and turns off

5 - CONTROL WITH APP ONE SMART

These procedures allow you to manage the light from your device (example: mobile phone) through the application and to control the system remotely.

5.1 - APP CONNECTION

This procedure connects the control unit to the application. It shall be repeated for each control unit on the installation.
ATTENTION: an internet-based 2,4GHz Wi-Fi (no 5GHz) network is required for this operation.



5.2 - USE OF THE APP ONE SMART

After all the control units have been set up, the installation can be managed by the application.

USE

The “Home” menu (1) shows all the associated devices.
To send a command to a device, select it.

Pressing “Smart” (2) allows you to add actions on your devices according to certain conditions and in certain time intervals, there are two types of actions:

- Automation (3): One or more actions happen if one or more conditions are satisfied
- Tap-to-Run (Scenario) (4): performs one or more actions by pressing an app button

EXAMPLES OF SCENARIOS (TAP-TO-RUN):

- Total open of the rolling shutters
- Scenario Film (Close the rolling shutter and dimming the desired lights at low intensity level)

EXAMPLES OF AUTOMATIONS:

- Hourly and weekly programs
- Close the rolling shutters at the sunshine
-

Pressing “Me” (5) for entering to home and account settings.

From this menu, you can add members to the home for sharing device management or creating new houses.

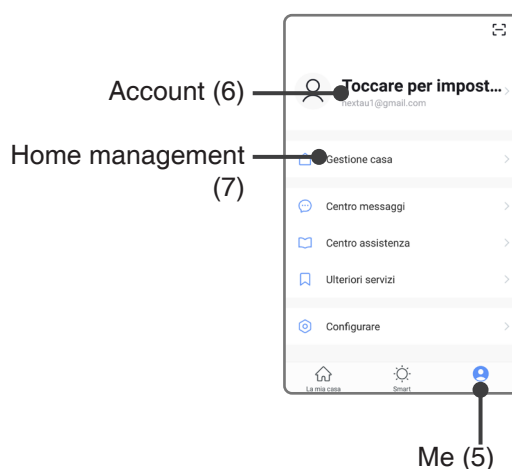
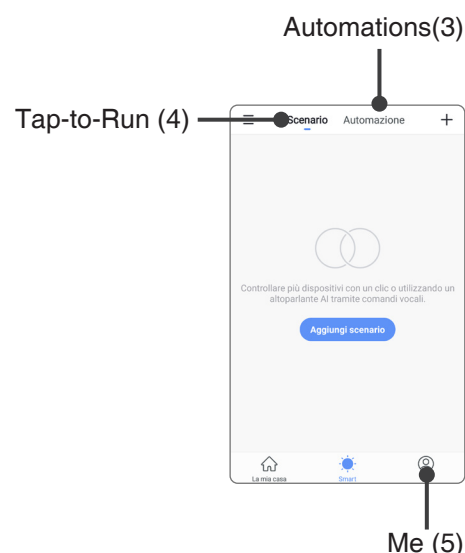
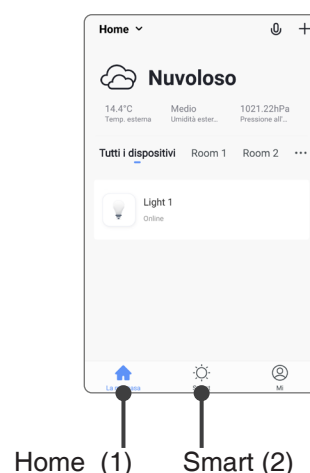
PROCEDURE FOR ADDING NEW USERS/MEMBERS.

1- From the “ME” menu (5), select “Home Management” (7) and then go to the house configurations and find “Add Member”

2- Insert the “OneSmart” account you want to add (email or mobile phone number of the new member), the new member will receive a notification of the invitation.

WARNING:

- The new user must have already downloaded the “OneSmart” application and created an account.
- Both the ‘administrator’ and the ‘new user’ must have set the same ‘region’ (Country).
- (Go to “Account (2)-Account and Security-Region” to view and change the set country).



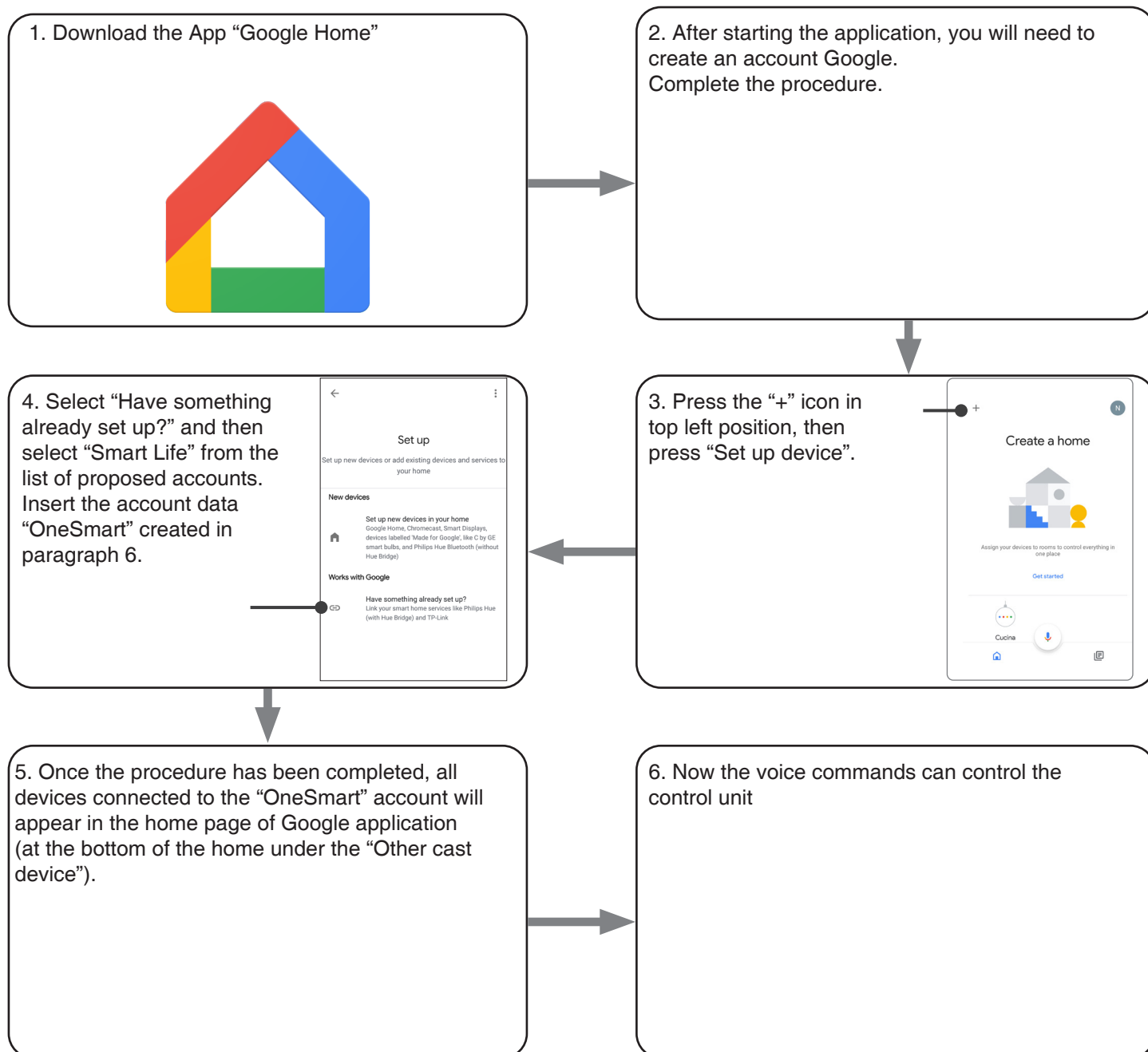
6 - CONTROL BY VOICE COMMANDS

You can use this procedure to associate a “OneSmart” account with a Google or Alexa account to enable the voice commands.

6.1 - CONNECTION TO “GOOGLE HOME”

PROCEDURE

WARNING: before proceeding with this procedure, you must have set up the “OneSmart” account, see paragraph 6.



NOTES:

If you add other devices to your OneSmart application, they will automatically be added to the Google Home page. To use them with voice control, you need to add them to a room in the Google Home application, see step 6 of the procedure.

If devices are not added automatically, disconnect and reconnect your account from step 3 of this procedure from Google Home.

6.2 - CONNECTION TO “AMAZON ALEXA”

PROCEDURE

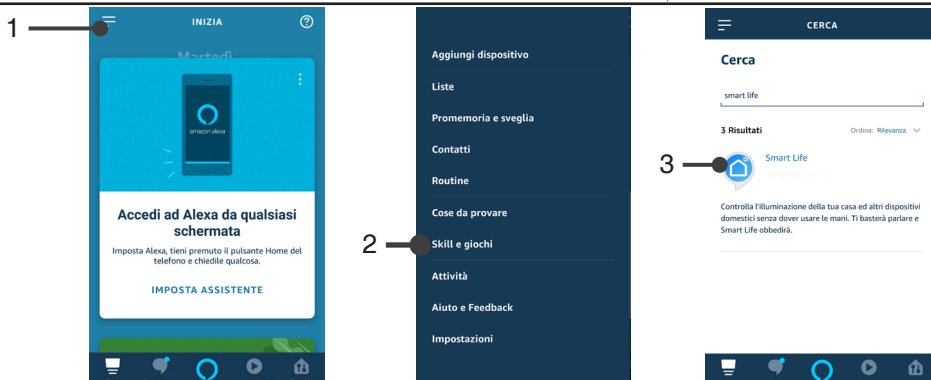
WARNING: before proceeding with this procedure, you must have set up the “OneSmart” account, see paragraph 6.

1. Download the App “Amazon Alexa”

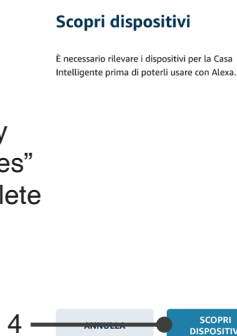


2. After starting the application, you will need to create an account Amazon. Complete the procedure.

3. From the application home page press “menu” (1) then “Skill and games” (2). Press on the “Magnifying glass” at the top right and then search for “Smart Life” (3). Follow the procedure to enable use of the “OneSmart” account created using paragraph 6



4. Complete the procedure by entering the “OneSmart” account data created in paragraph 6. You can then start searching for devices by pressing the “Discover devices” button (4). If you want, complete the setting-up procedure by inserting the device into a room.



5. Now the voice commands can control the control unit

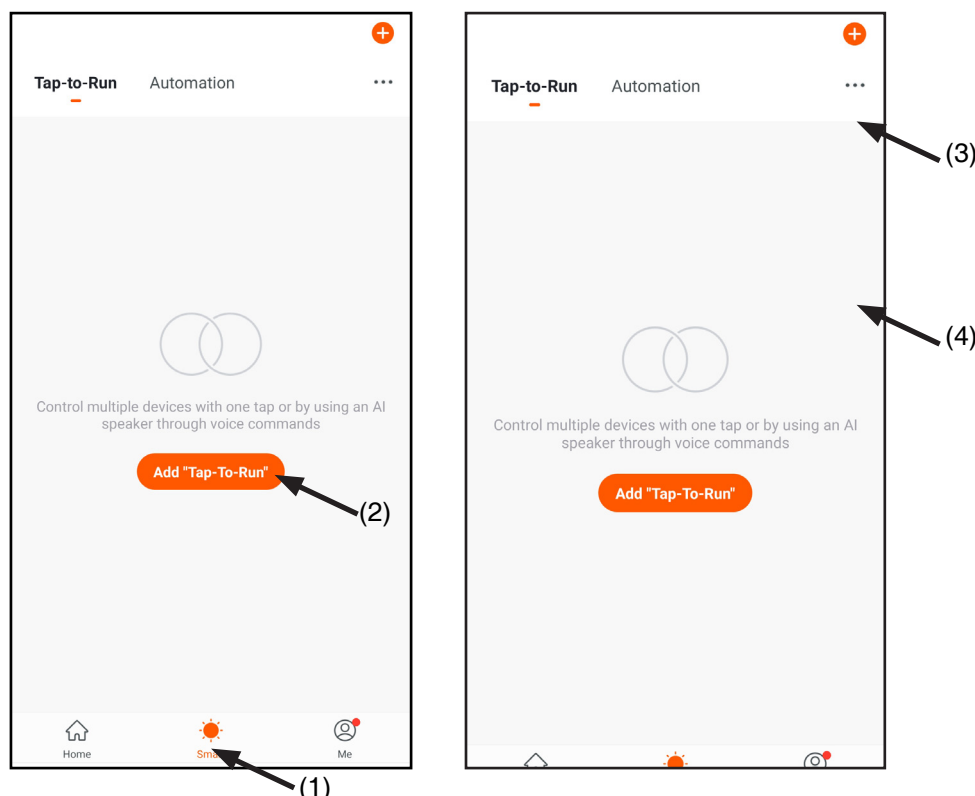
6.3 - USING VOICE CONTROLS

In order to set up voice commands, you must create a scene on OneSmart and then associate it with a Google or Alexa routine by choosing the phrase to pronounce to match the most appropriate action.

You must create a scene for each command you want to use with the voice.

The available commands are: Open / Stop / Close / Partial Open

6.3a - CREATING A SCENARIO ON ONE SMART



- On the OneSmart application go to the Smart window (1)
- Press "Add Tap to Run" (2)
- As a condition, select "Click to execute" (3)
- Select the device, then select the the desired command (open, stop, close or partial open) (4)
- Rename and save

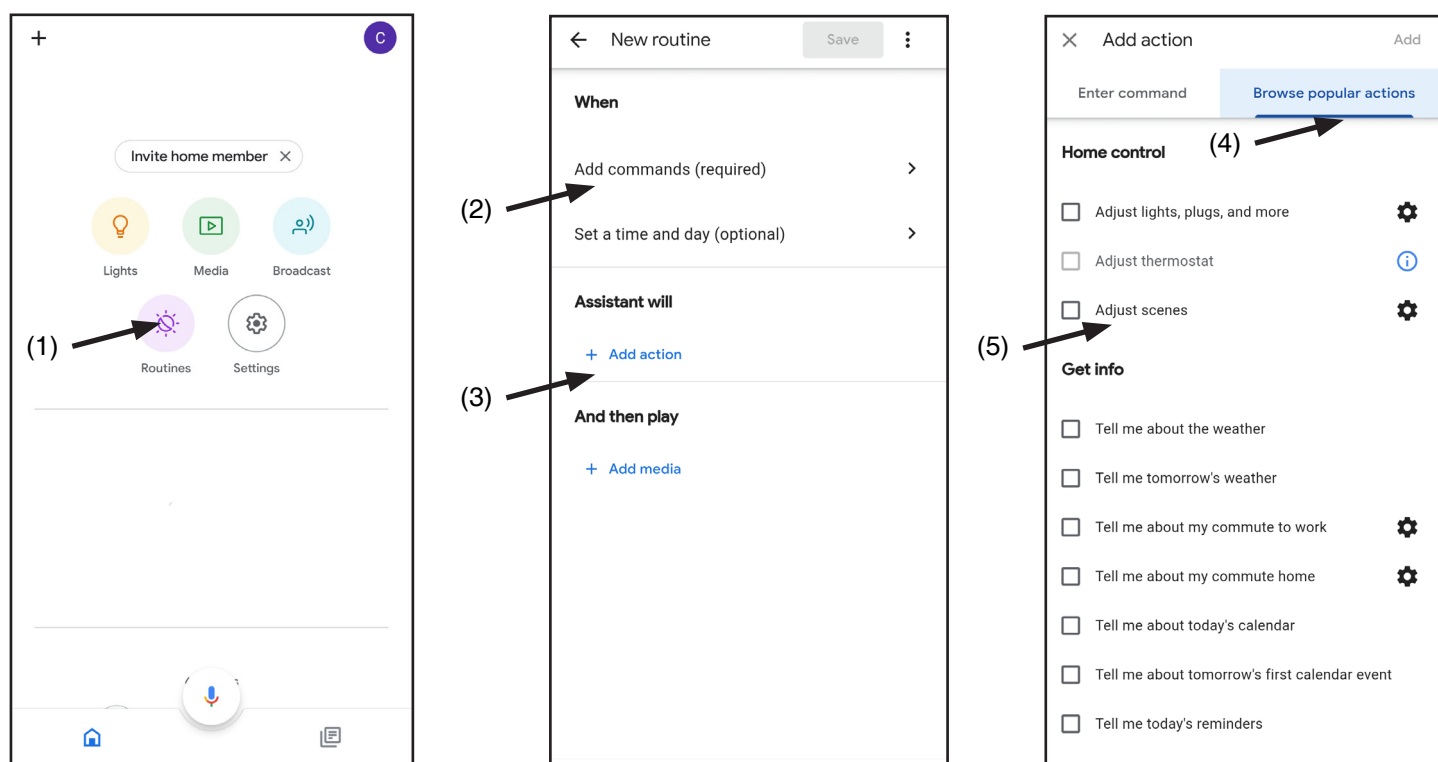
6.3b - CREATING A GOOGLE ROUTINE

1 - On the Google Home application, select Routines (1)

2 - Create a new routine and insert the phrase you want to pronounce to "Add Commands" (2)

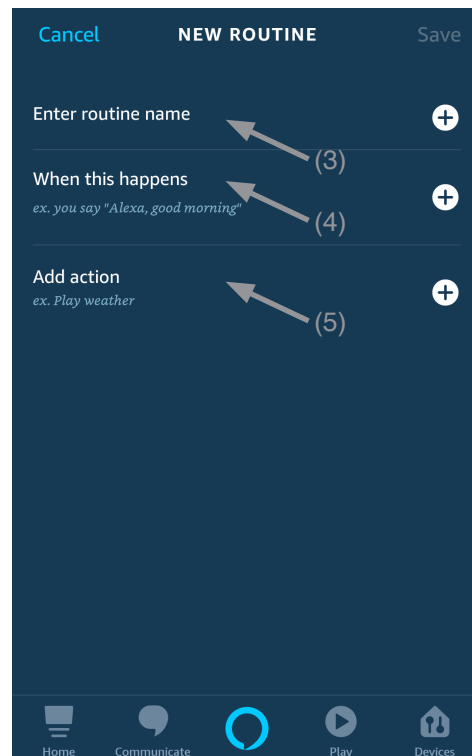
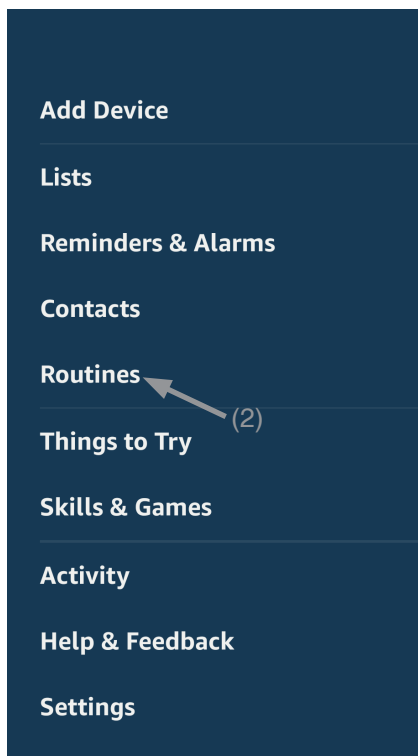
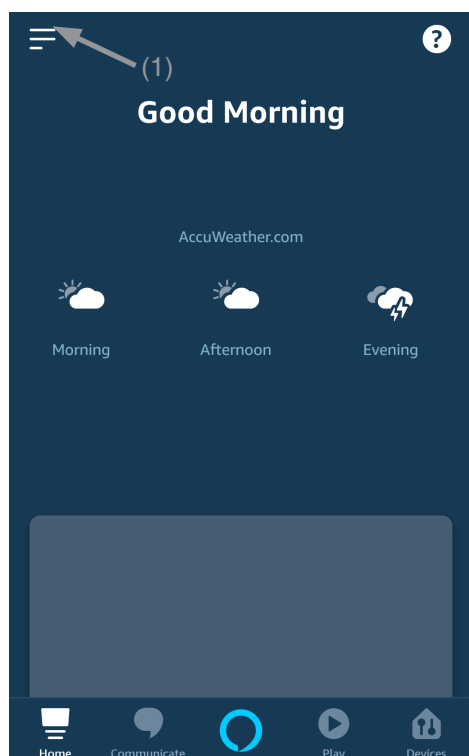
3 - On "+ Add Action" (3), select "Browse popular actions" (4) and then "Adjust Scenes" (5)

4 - Select the scene created on OneSmart in procedure 6.3a.



6.3c - CREATING A ALEXA ROUTINE

- 1 - On Alexa application, select the menu (1)
- 2 - Select "Routines" (2), and then add a new one
- 3 - Enter the name (3), the phrase you want to pronounce (4), and "add an action" (5) select "Smart Home", then select "Control scene". Select the scene created on One Smart in procedure 6.3a.



7 - ADVANCED PROGRAMS

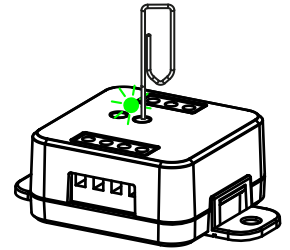
7.1 - CONFIGURATION OF MANEUVER TIMES

Default: 60 seconds

This procedure is used to set the opening and closing manoeuvre time (maximum time that can be set 180 seconds).

STEP 1

Make short pressures of the P2 button.
Each time the LED changes colour green/yellow/magenta/green...
Stop pressing when the LED is green.

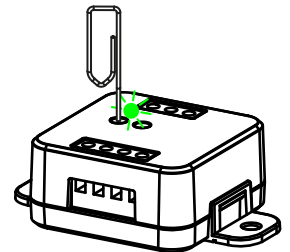


ACTION: make a short presses of button P2 **LED:** Turns on green/yellow/magenta/green...

STEP 2

Press the button P1 on the receiver for a short time and count the number of Flashes emitted by the LED (max 180 Flashes): each Flash represents a second of manoeuvre time.

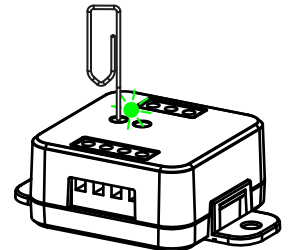
Attention: the control unit Flashes one time every 1 second, example:
120 seconds = 120 Flashes = 2 minutes of manoeuvre



ACTION: Short pressure P1 button **LED:** Flash

STEP 3

To end the count press the button P1 for a short time during the Flash that corresponds to the function desired



ACTION: Short pressure P1 button **LED:** Turns off

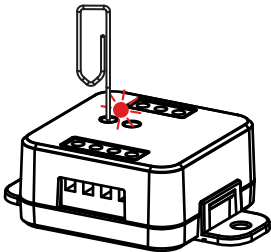
7.2 - FUNCTION CUSTOMIZATION OF THE “WIRELESS BUS” GENERIC TRANSMITTER BUTTONS

The following procedure allows you to set a custom function to the “wireless bus” family transmitter button.

PROCEDURE

STEP 1

Press the button P1.
The led turns on red.

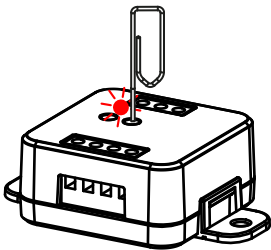


ACTION: Short press of button P1 **LED:** Turns on red

STEP 2

Press the button P2 on the receiver for a short time and count the number of Flashes emitted by the LED:

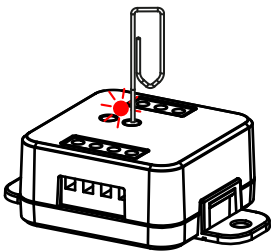
NUMBER OF FLASHES	FUNCTION
1	Open
2	Stop
3	Close
4	Open (short press) /Stop (long press)
5	Close (short press) /Stop (long press)



ACTION: Short press of button P2 **LED:** Count the number of Flashes

STEP 3

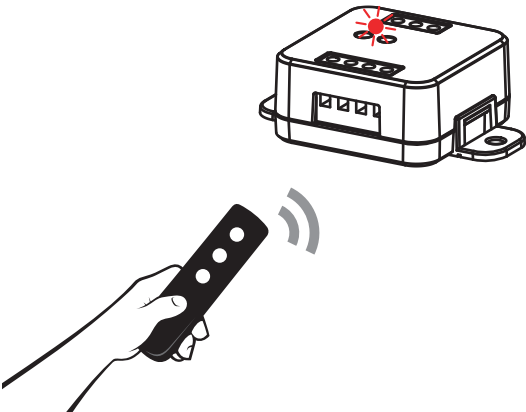
Press the button P2 for a short time during the Flash that corresponds to the function desired to end the count.
The led stop Flashes and lights up steadily.



ACTION: Short pressure of button P2 during the Flash **LED:** Stop Flashes

STEP 4

Make a transmission with the transmitter to be saved
(see transmitter manual, paragraph entitled “transmitter programming”).
The LED on the receiver Flashes 3 times and turns off.



ACTION: Make a transmission with the transmitter **LED:** Flashes 3 times

7.3 - WIRED INPUT SETTING

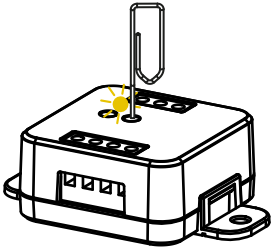
Default: Mono button

This procedure lets you select the function of inputs “P1” (terminal 3) and “P2” (terminal 4). WARNING: the connected devices must be buttons.

PROCEDURE

STEP 1

Make short pressures of the P2 button.
Each time the LED changes color: green/yellow/magenta/green...
Release the key when the led is yellow

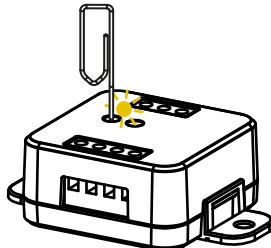


ACTION: Short presses of buttons P2 **LED:** green/yellow/magenta/green...

STEP 2

Press the button P1 on the receiver for a short time and count the number of Flashes emitted by the LED:

NUMBER OF FLASHES	FUNCTION
3	Mono Button: P1= Open/Stop/Close
6	Double button P1= Open/Stop P2= Close/Stop



ACTION: Short pressure P1 button **LED:** Flash

STEP 3

To change the setting, repeat the procedure from point 1; the control unit will alternate between 3 and 6 Flashes.

7.4 - WIRED INPUT MODE SETTING

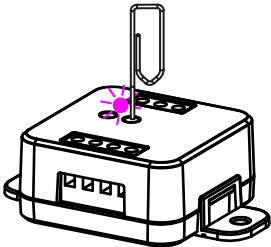
Default: automatic

This procedure allows you to select the mode of operation between:
automatic: after pressing the button the automation completes the movement to the limit switch
present man: automation moves until the button is pressed

PROCEDURE

STEP 1

Make short pressures of the P2 button.
Each time the LED changes colour green/yellow/magenta/
green...
Release the key when the led is magenta

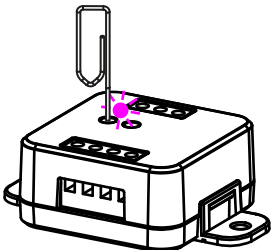


ACTION: Short presses of button P2 **LED:** green/yellow/magenta/green...

STEP 2

Press the button P1 on the receiver for a short time and
count the number of Flashes emitted by the LED:

NUMBER OF FLASHES	FUNCTION
3	Automatic
6	Present man



ACTION: Short pressure P1 button **LED:** Flash

STEP 3

To change the setting, repeat the procedure from point 1; the control unit will alternate between 3 and 6 Flashes.

7.5 - RESET OF THE CONTROL UNIT

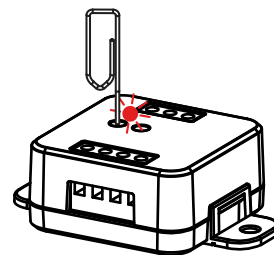
This procedure let you take the control unit back to factory settings.

ATTENTION: the only parameter that will not be removed will be the association with the ONESMART application.
To edit or delete also this parameter, reed the procedure.

PROCEDURE

STEP 1

Hold the receiver button P1 down (about 4 seconds.) until the LED begins to Flash red.

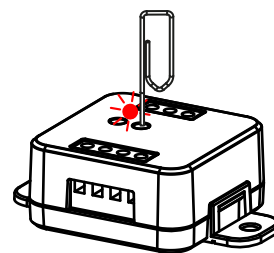


ACTION: Hold button P1 down **LED:** Flashes red



STEP 2

Within 10 seconds, make a short press of P2 button.
The LED 1 Flashes quickly and turns off.



ACTION: Short press of P2 button **LED:** The led Flash quicly and turns off

8 - INSIGHTS

8.1 – ISSUES WHEN CONNECTING THE CONTROL UNIT WITH WIFI

If you're having problems connecting the control unit to the router, we suggest to:

FIRST CHECKS:

- check if the network used to connect the control unit is running at 2.4GHz (not 5GHz)
- the smartphone you use must be connected to the same WiFi on which you want to connect the device
- please check if the entered password is correct

STEPS TO DO:

- close the app and try again to connect the device
- if possible try with another smartphone to check if it works

If the problem is not fix, there may be some settings in your router that make the network incompatible with the device. To check and change these settings it's necessary to access the router settings.

As soon as you access the router settings (it depends on the model of router you have) try to check and set these parameters:

WIFI FREQUENCY BAND

some routers generate a network that is set automatically at a frequency of 2.4GHz or 5GHz, depending on the device you are connecting with. When you are trying to connect the device through your OneSmart account, your smartphone may be connected automatically at the frequency band of 5GHz, failing the connection with your device.

It's therefore necessary to access the router settings and set the 2.4GHz as the main network frequency to use.

Otherwise it's possible to create two different WiFi networks, one for the 2.4GHz and one for the 5GHz band, and during the pairing phase make sure your smartphone is connected to the 2.4GHz network.

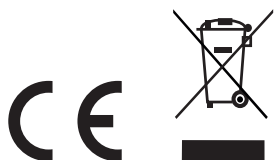
WIFI SECURITY SETTINGS

some routers could have default security settings not compatible with the device.

Please find out which security protocol type your Wi-Fi router is and change it to:

WI-FI SECURITY:

SECURITY TYPE: WPA2
ENCRYPTION TYPE: AES



V1.1

Nexta Tech

company brand of Team srl
via G.Oberdan 90, 33074
Fontanafredda (PN) - Italy
Ph. +39 0434 998682
Email: info@nexta-tech.com
Web: www.nexta-tech.com

HB80-30D

Radio control, rolling code, 433.92 MHz,
30 channels and 4 groups, Up-Down-Stop and pulse

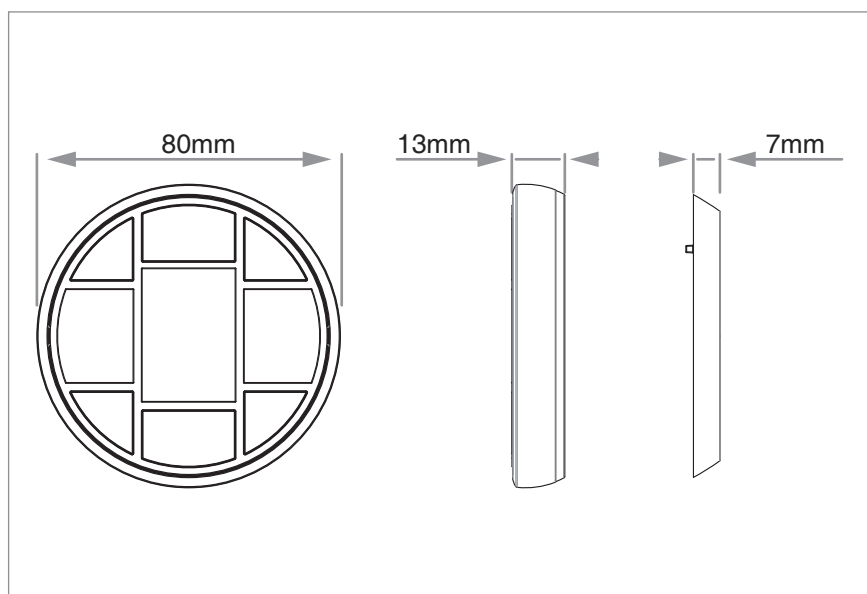
NEXTA
T E C H



1 - PRODUCT FEATURES

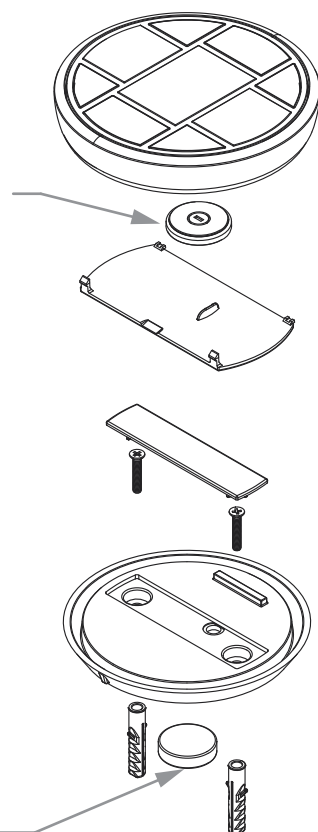
1.1 TECHNICAL DATA

Power supply	Type CR2450 lithium battery
Programmable channels	30
Groups	4
Radio frequency	433,92 MHz ISM
Code	Rolling code
Dimensions	Diameter 80 x 13



Battery
(insert right
way round)

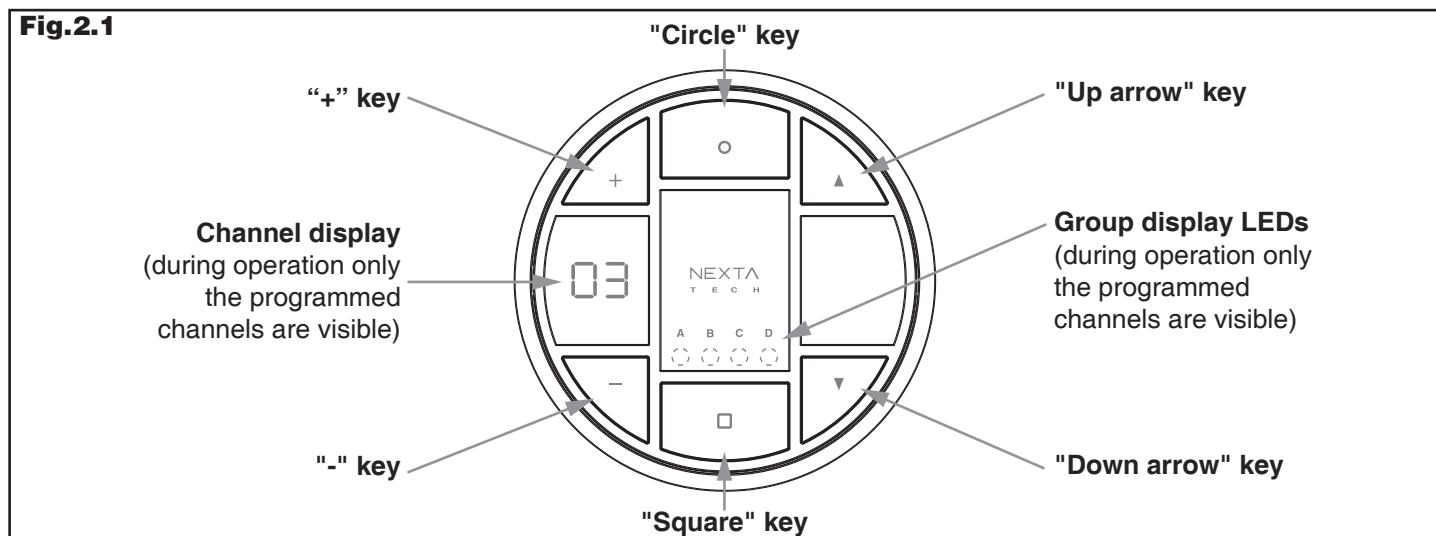
Magnet



2 - USE OF TRANSMITTER

2.1 DESCRIPTION OF TRANSMITTER

Multichannel radio control to control 30 devices and 4 groups. Up-Down-Stop and pulse controls, display and LEDs for channel and group selection. Aluminium alloy structure and shock-absorbent polycarbonate plastic parts. Magnetic wall support.



2.2 USE OF TRANSMITTER

To be able to use the transmitter you must first carry out the learning procedures on the receiver (see paragraph 3).

SEND A COMMAND TO A DEVICE:

- 1- With the "+" and "-" keys, select on the display the channel associated with the device that you want to use.
- 2- Send the desired command with the "square", "up arrow" or "down arrow" keys (see paragraph 2.3).
- 3- The transmitter remains in stand-by for 3 seconds and then switches off.

SEND A COMMAND TO A GROUP OF DEVICES:

- 1- With the "circle" key select on the LEDs the group of devices that you want to command (group "A", "B", "C" or "D").
- 2- Send the desired command with the "square", "up arrow" or "down arrow" keys (see paragraph 2.3).
- 3- The transmitter remains in stand-by for 3 seconds and then switches off.

SWITCHING OFF THE TRANSMITTER

The transmitter automatically switches off after 5 seconds of inactivity; alternatively press the "-" key and the "down arrow" key at the same time.

2.3 COMMANDS SENT FROM TRANSMITTER

The following table shows the different commands the transmitter sends depending on the device it is programmed on. The left-hand column shows the transmitter commands, the top row the type of controller

Transmitter key	Monostable device	Timed device	On/off device	Dimmer device	RGBW device	CCT device	Up/down/stop device	Connector device
☐ Short	Pulse	Timer starts	On/Off	On/Off	On/Off	On/Off	Stop	On/Off
☐ Long (>3s)	-	Off	Off	Off	Off	Off	-	-
▲	-	Timer starts	On	LIGHT OFF: On 60% LIGHT ON: Dimmer UP	Dimmer Up	Dimmer Up	Open	-
▼	-	Off	Off	LIGHT OFF: On 30% LIGHT ON: Dimmer down	Dimmer Down	Dimmer Down	Close	-

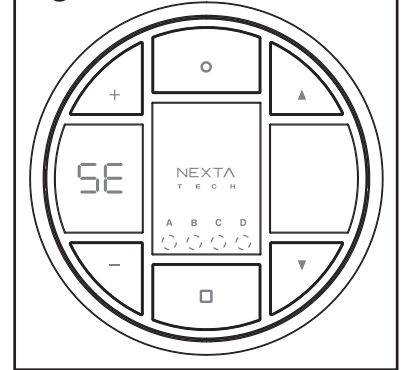
3 - TRANSMITTER PROGRAMMING

If you try to select a channel by default the letters "SE" (setting) will appear on the display to indicate that no channel is programmed. To use the transmitter at least one channel must be programmed (paragraph 3.1). During programming it is also possible to decide whether this channel belongs to a group.

EXAMPLE OF GROUP USE: I want to control multiple lights, either separately (for example, to switch on only the light in the "kitchen"), but also in groups (for example, to turn off all the lights on level "group A").

WARNING: It is recommended that the group function is only used with devices of the same type (for example: groups of on/off lights, dimmable lights, or motors). This will result in similar behaviour during group control.

Fig.3



3.1 TRANSMITTER PROGRAMMING

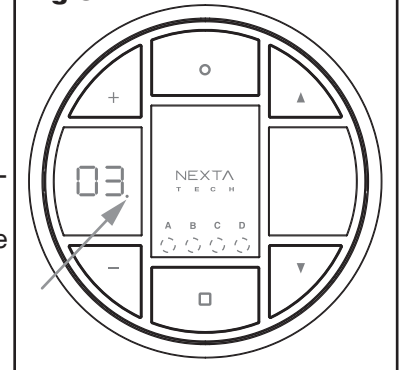
Default: no channel programmed.

This procedure is used to programme a channel in order to then associate it with a compatible receiver. Access to the receiver is required to carry out the following procedure.

PROCEDURE:

- 1- Activate the receiver on which you want to programme the transmitter in "multifunctional remote control radio programming" mode (see receiver manual).
- 2- With the transmitter in stand-by (transmitter off), hold down the "circle" button until the figure "01" flashes on the display.
- 3- With the "+" and "-" keys, select the channel that you want to associate with the receiver (the channels that are already used have the dot lit up on the right on the display, see example in figure 3.1).
- 4- If you want this channel to be part of a group, also select the group it will belong to ("A", "B", "C" or "D"), using the "circle" button.
- 5- Press the "square" button to send a transmission.
- 6- The receiver flashes 3 times to confirm the learning process (see receiver manual).
- 7- The transmitter goes back into stand-by.

Fig.3.1



3.2 "REMOTE" ACTIVATION OF RECEIVER PROGRAMMING

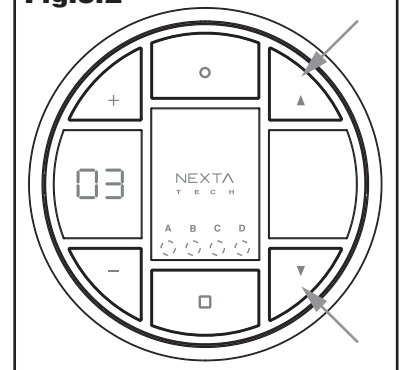
Once the transmitter has been programmed following the procedure in paragraph 3.1, this transmitter can be used for remote activation of receiver programming and therefore to add further remote controls without accessing the receiver.

PROCEDURE:

- 1- Take up position near to the receiver.
- 2- With the transmitter already programmed, choose the channel associated with the receiver and press the "up arrow" and "down arrow" keys at the same time for 3 seconds (the transmitter will start to flash). The receiver that the transmitter channel has been programmed on is activated for 30 seconds.
- 3- Send a command with the new transmitter that you want to programme (see transmitter manual for use).

WARNING: Once the signal has been received from the new transmitter, the control unit will go back to normal operation; if you want to programme other transmitters repeat the procedure.

Fig.3.2



4 - DELETION OF A CHANNEL

This procedure can be used to delete a previously created channel. **WARNING:** before deleting the channel from the transmitter (paragraph 4.2) it is advisable to delete it from the receiver's memory (paragraph 4.1).

4.1 DELETION OF THE CHANNEL FROM THE RECEIVER

This procedure is to delete one of the transmitter's channels from the memory of the receiver on which it was programmed.

PROCEDURE:

1- Access the receiver and carry out the "delete single transmitter" procedure (see receiver manual).

After this procedure the channel will no longer be associated with the receiver and therefore will have no effect; to also delete the visualisation of the channel from the transmitter in standard operation, see the procedure in paragraph 4.2.

4.2 DELETION OF THE CHANNEL FROM THE TRANSMITTER

This procedure is used to delete a channel from the transmitter so that it can no longer be displayed or used.

WARNING: if the channel that you want to delete was associated with a receiver during the creation phase, it is advisable to delete it from the receiver's memory first (see paragraph 4.1).

PROCEDURE:

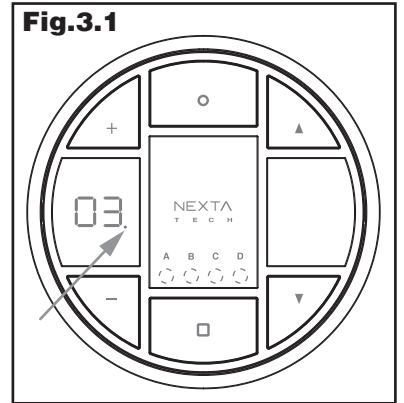
1- With the transmitter in stand-by (display off), hold down the "circle" button until the figure "01" flashes on the display. .

2- With the "+" and "-" keys, select the channel that you want to delete from the transmitter. The channels that are in se have the dot lit up on the right on the display (see figure 4.2).

3- Hold down the "down arrow" button for 3 seconds. The display flashes and the channel is deleted

4- The transmitter goes back into stand-by.

Fig.3.1



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