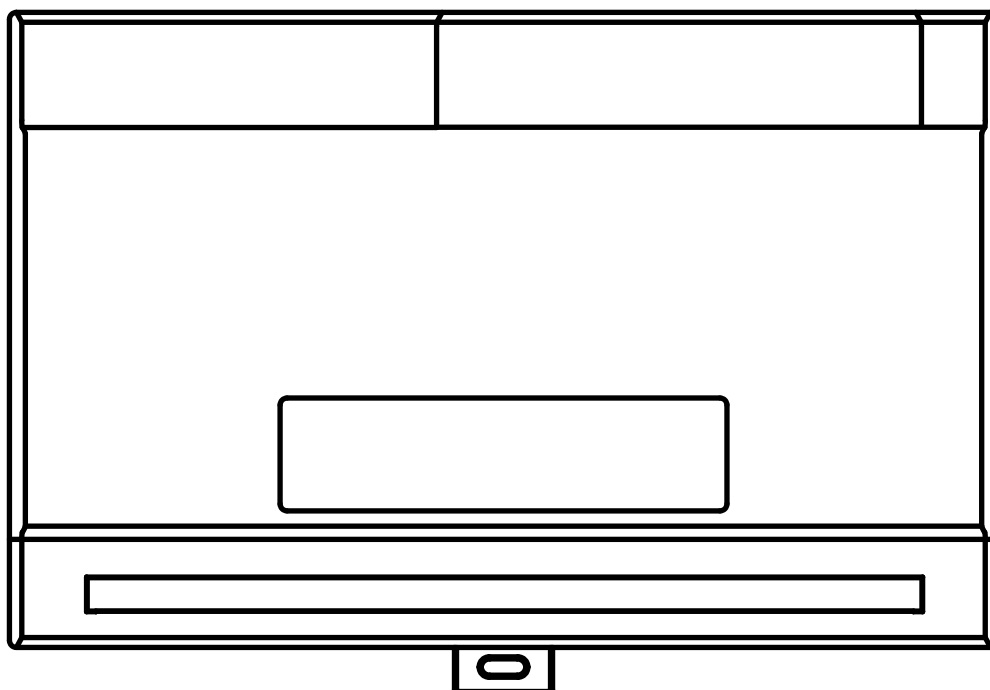


LOGIC-400-ONE

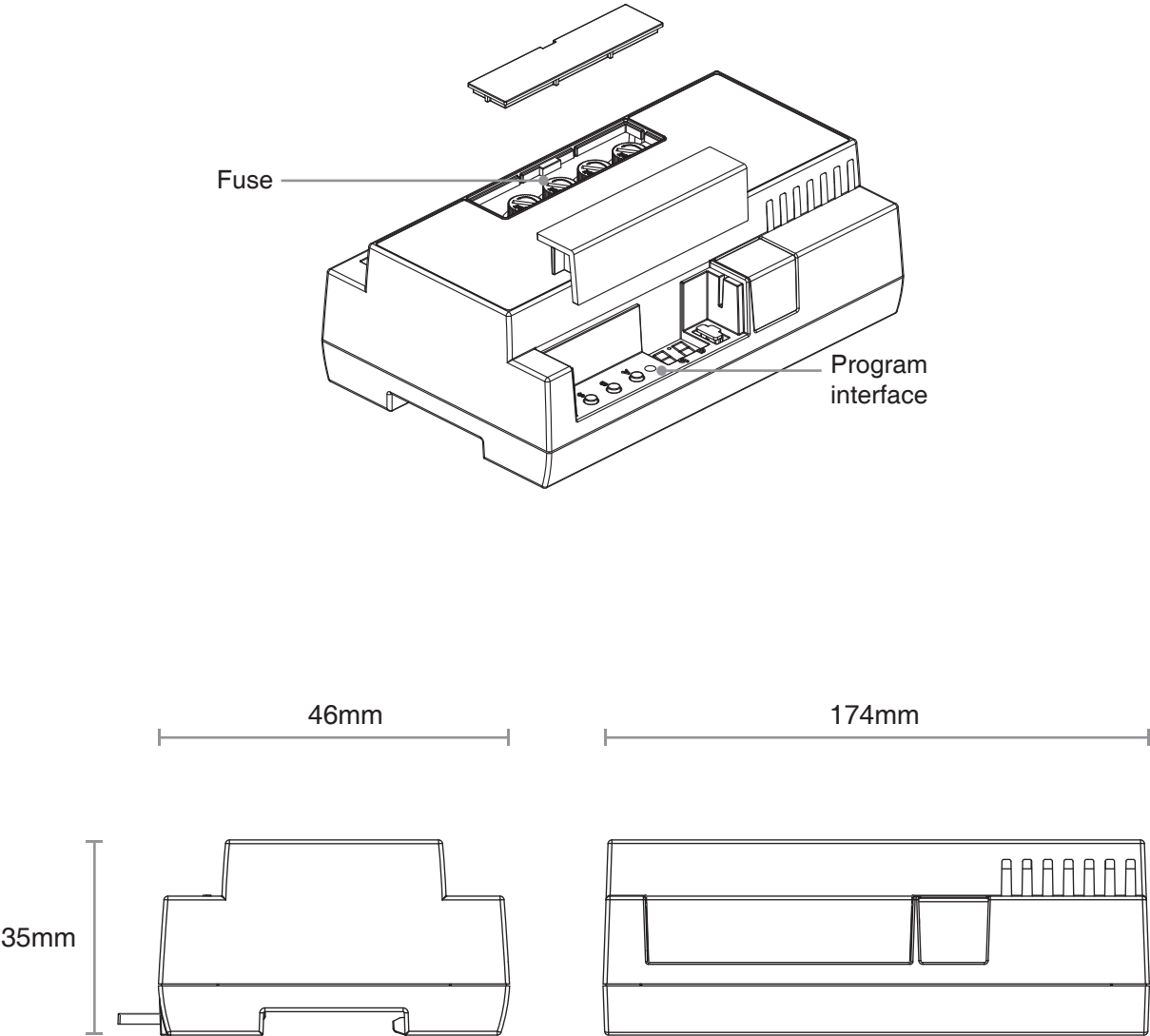


Electronic control unit with On and Off function for 4 230V loads.
Power supply 230Vac, Output: max 3000W for channel and max 6000W total.
Integrated 433.92 MHz radio receiver for remote controls.
WiFi connection for OneSmart App.

1 - PRODUCT FEATURES

1.1 TECHNICAL DATA

Power supply	230Vac
Output	4 outputs 230V, max 3000W for line, max 6000W total
Command inputs	4 input (settable as a button or switch)
N° of programmable transmitters	30
RF receiver frequency	433.920MHz
WiFi frequency	2.4GHz
Protection rating	IP20
Working temperature	-20° +55°
Box dimensions	138 X 90 h50 mm

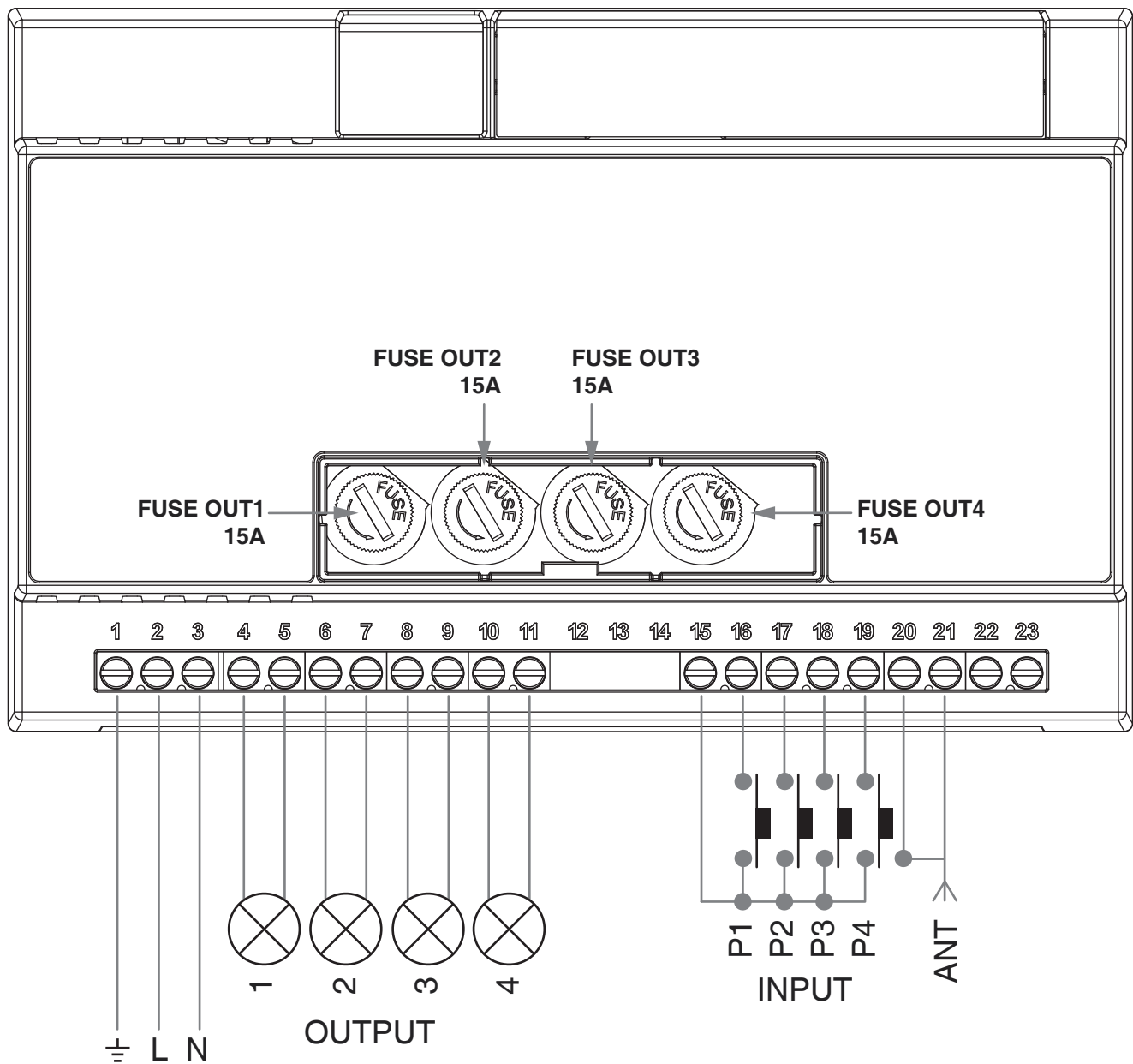


2 - CONNECTION DIAGRAMS

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 and use correctly protected power supplies.

2.1 CONNECTION DIAGRAM



WARNING:

- Connect up to 3000W per output and max total 6000W in total
- The input could be set as a push button or switch (default= push button)
- Terminals 4, 6, 8 and 10 arranged at the power supply neutral (terminal 2)

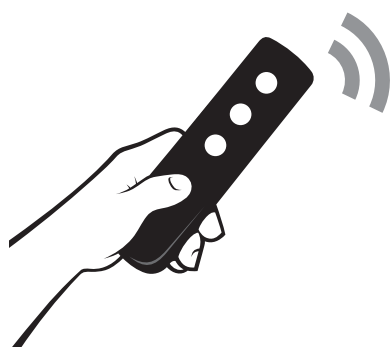
USE VIA WIRE

INPUT P1= On/Off OUT1
INPUT P2= On/Off OUT2
INPUT P3= On/Off OUT3
INPUT P4= On/Off OUT4

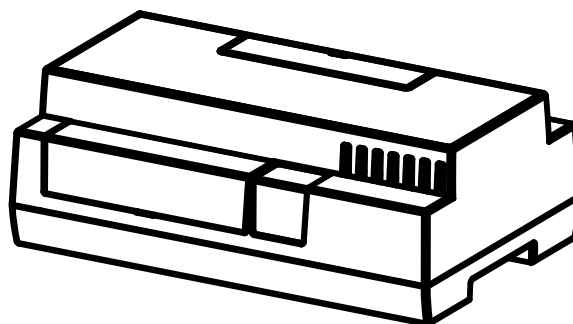
3 - USE OF THE CONTROL UNIT

3.1 TYPICAL INSTALLATION

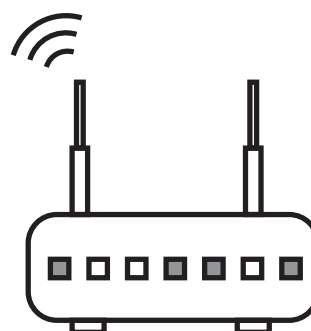
The system can be controlled by a wired push button, radio commands, smartphone App OneSmart or voice commands. The installation can operate with only radio controls or application only. Instead, to use voice commands, at least the App configuration must be completed.



**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 the inputs are connected, these inputs are already working

3.3 USE VIA RADIO

To control the loads 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 lights by smartphone App.

3.5 USE WITH VOICE CONTROL

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

4 - MANAGEMENT WITH REMOTE CONTROL

This procedure lets you programme/delete compatible multifunctional or generic (Wireless bus) transmitters

Multifunctional transmitters, codes:

HB80-1C, HB80-1DIM, HB80-2L, HB80-30D, HB80-30RGBW, HB80-4C, HB80-4DIM, HB80-4L, HB90-6LT, ROUND-1SP, SENSE-M, SENSE-P, SENSE-R35M, SENSE-R35P, SENSE-R35T, SENSE-T, TOUCH-1, TOUCH-1CCT, TOUCH-1DIM, TOUCH-1SP, TOUCH-1L, TOUCH-1RGBW, TOUCH-3C, TOUCH-4DIM, TOUCH-CFU

With multifunctional transmitters the transmitter control modes depend on the model used.

Refer to the transmitter manual, to the paragraph entitled “commands sent by the transmitter”, bearing in mind that this is a On/Off device.

Generic (wireless bus) transmitters, codes:

HB80-6G, MCU-TX4, TOUCH-1G, TOUCH-2G, TOUCH-4G, TOUCH-LOCK4, TOUCH-TX2, ROUND-1G

With generic transmitters, the function of the button is On/Off

The functions of the generic transmitters can be customized using the procedure in paragraph 7.2.

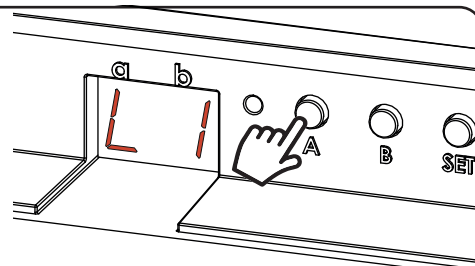
4.1 - RADIO PROGRAMMING

This procedure lets you programme compatible multifunctional or generic transmitters.

STEP 1

Short presses on key “A” let you choose the output to programme the transmitter on, shown on display, see following table:

DISPLAY	USCITA ABBINATA
L1	OUT1
L2	OUT2
L3	OUT3
L4	OUT4



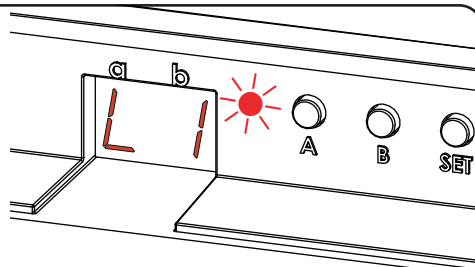
ACTION: Short press of button A
DISPLAY: L1, L2, L3, L4, L1, L2...

STEP 2

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

See transmitter manual, the paragraph entitled “transmitter programming” for specify information.

The led makes 3 Flashes and turns off.



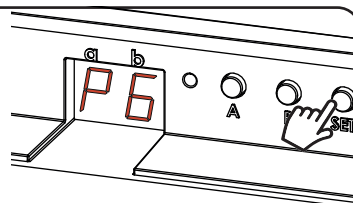
ACTION: Make a transmission with the transmitter
LED: Flashes 3 times

4.2 - DELETION OF REMOTE CONTROL

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

STEP 1

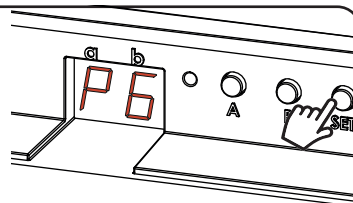
Short presses on the "SET" key let you scroll through the menu until "P6" programming appears on the display.



ACTION: Short presses of button "SET" **DISPLAY:** "P6"

STEP 2

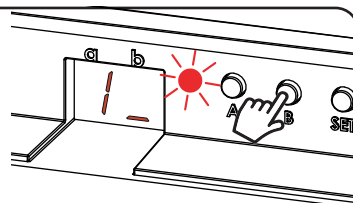
A prolonged press on the "SET" key (approx. 3 seconds) takes you into programming.
The LED on the receiver lights up



ACTION: Prolonged press of button "SET" **DISPLAY:** "P2"

STEP 3

Give a long press on key "B" (approx. 3 seconds).
The LED on the receiver starts to Flash



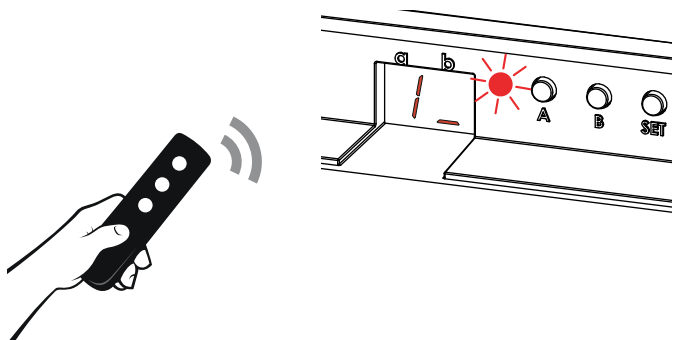
ACTION: Prolonged press of button "B" **LED:** Flashes

**DELETION OF SINGLE
TRANSMITTER**

**DELETION OF ALL
TRANSMITTER SAVED**

STEP 4a

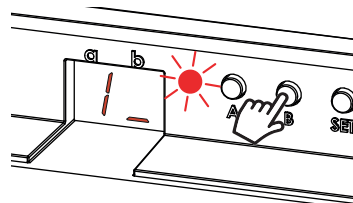
Within 5 seconds make a transmission with the remote control that you want to delete.
The LED on the receiver will Flash rapidly and turns off



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

STEP 4b

Within 5 seconds quickly press key "B" to confirm the deletion.
The LED on the receiver will Flash and stay on



ACTION: Short press of key "B"
LED: Flashing quickly and turns off

STEP 5

The display show the main menu (P2, P%, P6, FS, P2...)

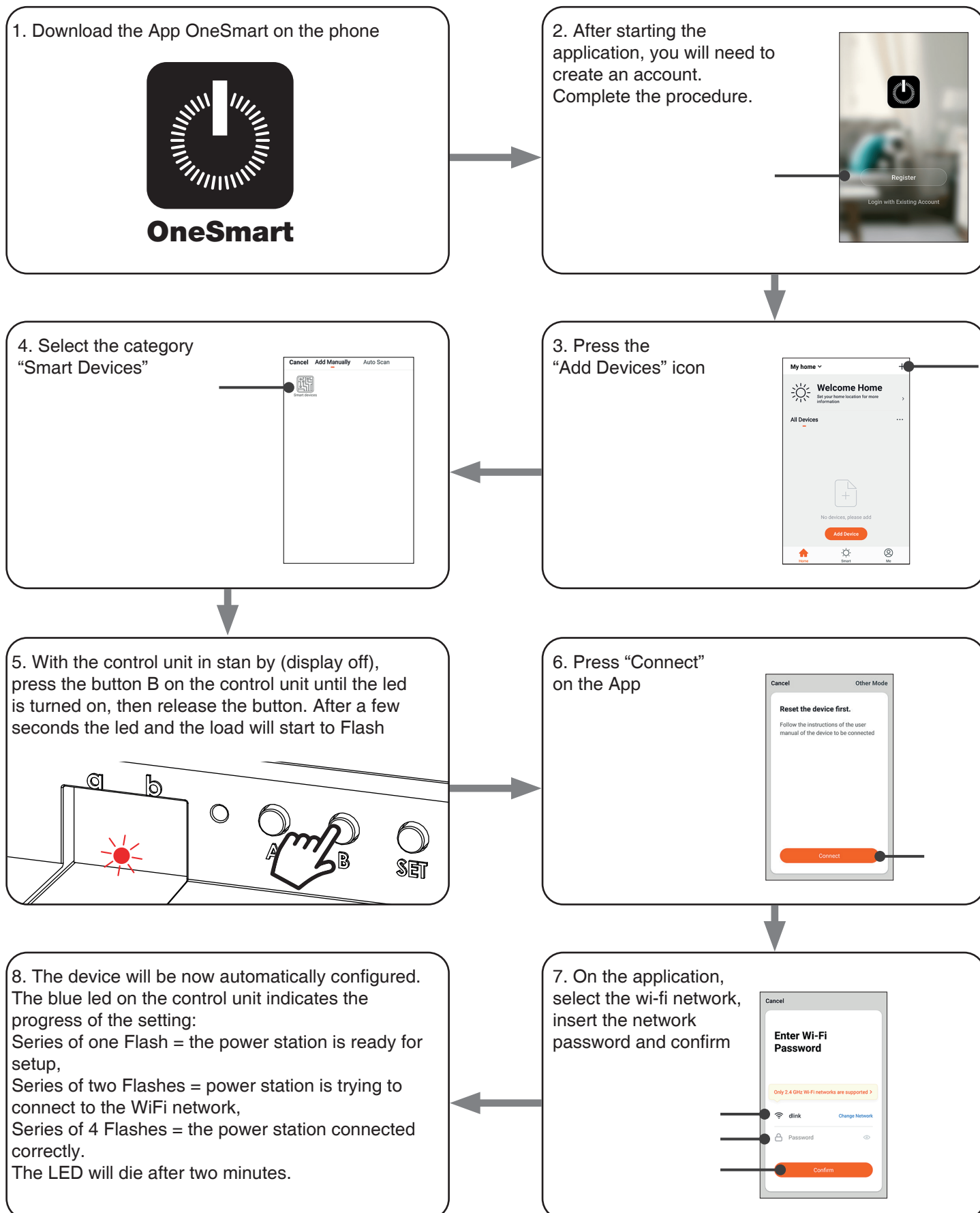
5 - CONTROL WITH APP ONE SMART

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 Plano-One to the application. It shall be repeated for each control unit on the installation.

ATTENTION: an internet-based wi-fi network is required for the 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 off (switch off all the lights in the house)

EXAMPLES OF AUTOMATIONS:

- Hourly and weekly programmings
- Turn on the lights at the sunshine, turn off the lights at the sunrise.

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.

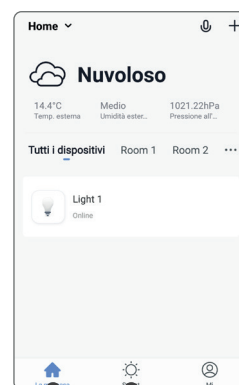
PROCEDURE FOR ADDING NEW USERS/MEMBERS.

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

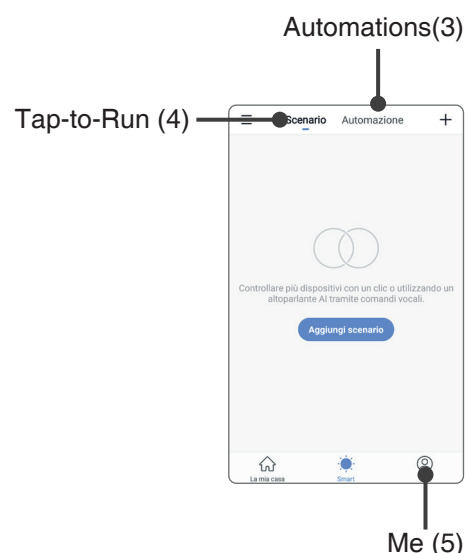
2- Insert the “OneSmart” account you want to add (email or mobile phone number of the new member), the new member will receive a notification of the invitation.

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).



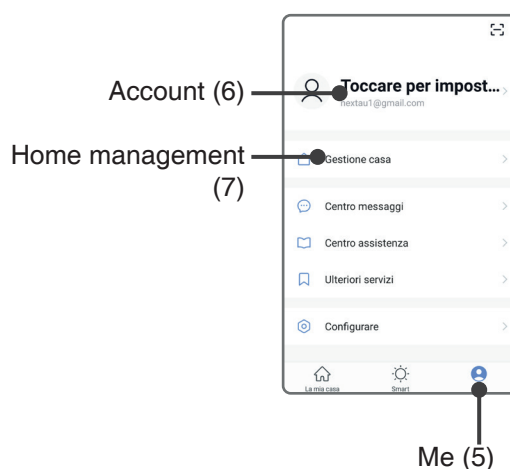
Home (1) Smart (2)



Automations(3)

Tap-to-Run (4)

Me (5)



Account (6)

Home management (7)

Me (5)

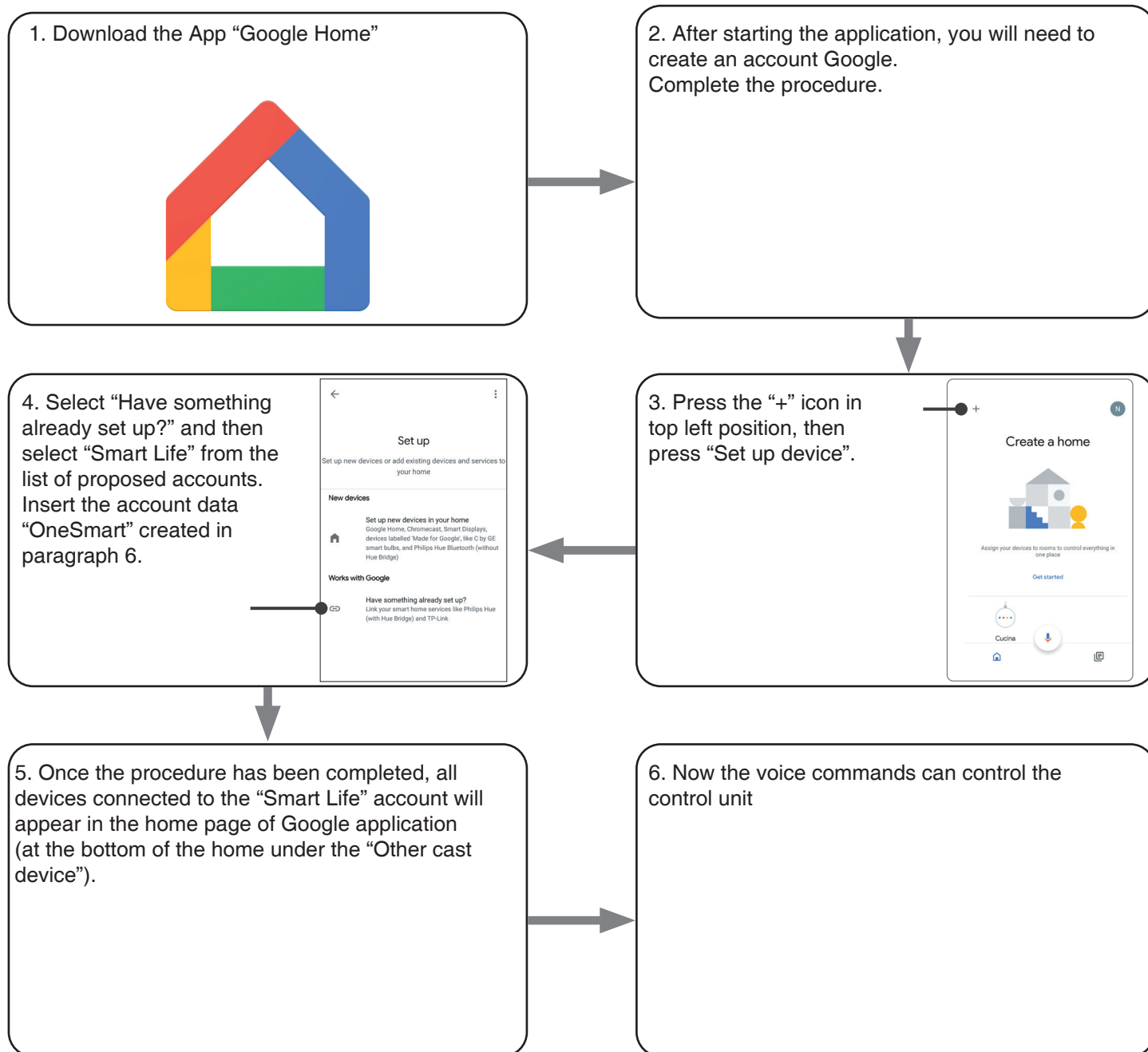
6 - CONTROL BY VOICE COMMANDS

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.

USE OF “GOOGLE HOME”

SENDING VOICE COMMANDS

Using your Android mobile phone (or tablet), voice commands can already be sent via the native assistant.

By using an Apple device, you can use the microphone within the Google Home application. If you want to add a voice recognition device such as “Google Home Mini” or “Google Home”, follow the procedures to match it to the house you created and then they will be associated with the lights.

VOICE COMMAND LIST

Here below there are some examples of dedicated voice commands for lights:

DIMMER / RGB(W) / CCT TUNABLE WHITE

OK Google, Turn on / Turn Off “name of the device” or “name of the room”

OK Google, Turn on / Turn Off the lights*

OK Google, turn off all the lights*

*= *= to use these commands, you must rename the device using the word “light”.

Example: ‘Room light’ or ‘stairs light’

USE OF ROUTINES

The Nexta control unit is compatible with Google routine.

The Google Home application allows you to create some vocal commands to be associated with one action or sequence of actions.

This allows you to create scenarios, but also allows you to customize the command to get a certain action.

EXAMPLES OF CUSTOMIZED COMMANDS

OK Google, Dark!

Turn off the light

(corresponds to the native “Turn off *light name*” command)

6.2 - CONNECTION TO “AMAZON ALEXA”

PROCEDURE

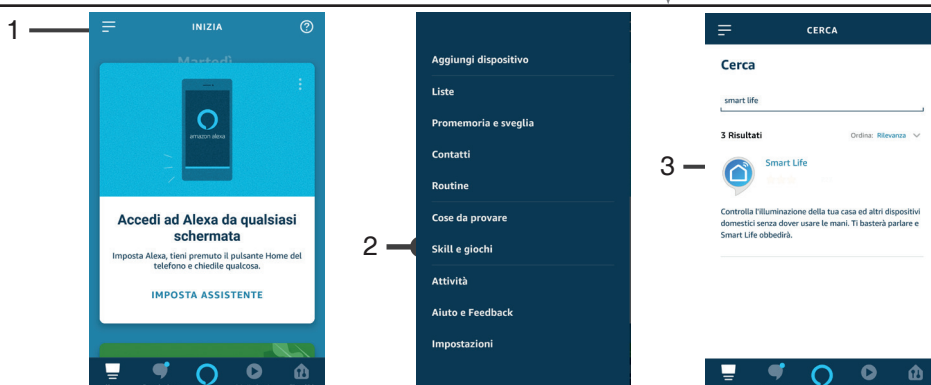
WARNING: before proceeding with this procedure, you must have set up the “OneSmart” account, see paragraph 6.

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.

4 - ANNULLA SCOPRI DISPOSITIVI

5. Now the voice commands can control the control unit

USE OF “AMAZON ALEXA”

SENDING VOICE COMMANDS

Using your Android mobile phone (or tablet), voice commands can already be sent via the Amazon Alexa application. Using an Apple device, you can use the microphone inside the Amazon Alexa application. If you want to add a voice-control device like “Echo Dot” or “Echo Plus”, follow the procedures to match it to the house you created, and then they will be associated with the lights.

EVOICE COMMAND LIST

Here below there are some examples of dedicated voice commands for lights:

Alexa, Turn on / Turn Off “name of the device”

Alexa, Turn on / Turn Off “name of the room”

7- ADVANCED PROGRAMS

7.1 SETTING TYPE OF INPUTS VIA WIRE

Default: button

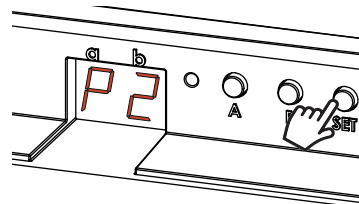
This procedure lets you choose the type of wired devices to command loads.

The devices can be set as buttons or switches.

PROCEDURE

STEP 1

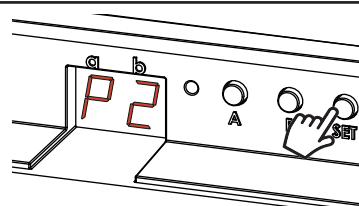
Short presses on the “SET” key let you scroll through the menu until “P2” programming appears on the display.



ACTION: Short presses of button SET **DISPLAY:** P2

STEP 2

A prolonged press on the “SET” key (approx. 3 seconds) takes you into programming.
The LED on the receiver lights up

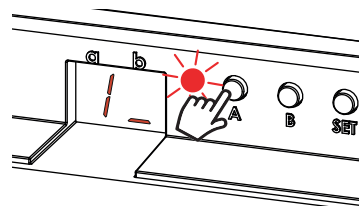


ACTION: Long press of button SET

STEP 3

Short presses on key “A” let you choose the output on which to set the type of load, see following table:

DISPLAY	FUNCTION
1	Out 1
2	Out 2
3	Out 3
4	Out 4

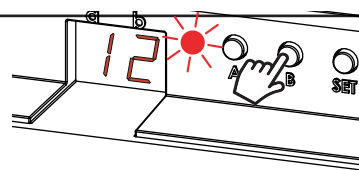


ACTION: Short presses of button A
DISPLAY: 1, 2, 3, 4, 1, 2...

STEP 4

Short presses on key “B” let you choose the type of output that you want to set, shown on display “b”, based on following table:

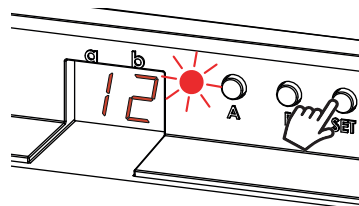
DISPLAY	TYPE OF WIRED INPUT
1	Button
2	Switch



ACTION: Short presses of button A
DISPLAY: 1, 2, 1, 2...

STEP 5

To confirm, give a prolonged press on the “SET” key (approx. 3 seconds).
To cancel any change, press keys “A” and “B” together for approx. 3 seconds.



ACTION: Long press of button SET

STEP 6

The display show the main menu (P2, P3, P6, FS, P2...)

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.

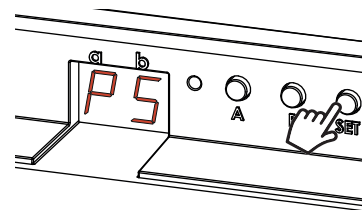
GENERIC RADIOTRANSMITTERS (WIRELESS BUS), CODES:

HB80-6G, MCU-TX4, TOUCH-1G, TOUCH-2G, TOUCH-4G, TOUCH-LOCK4, TOUCH-TX2, ROUND-1G

PROCEDURE

STEP 1

Short presses on the “SET” key let you scroll through the menu until “P5” programming appears on the display.

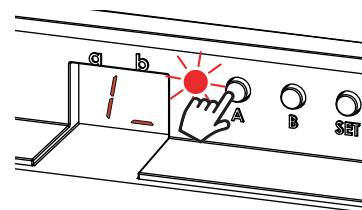


ACTION: Short presses of button SET **DISPLAY:** P5

STEP 2

Short presses on key “A” let you choose the output on which to set the type of load, see following table:

DISPLAY	FUNCTION
1	Out 1
2	Out 2
3	Out 3
4	Out 4



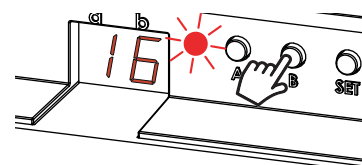
ACTION: Short presses of button A
DISPLAY: 1, 2, 3, 4, 1, 2...

STEP 3

Short presses on key “B” let you choose the type of output that you want to set, shown on display “b”, based on following table:

DISPLAY	FUNCTION
1*	Multifunction transmitter
2*	Generic transmitter: On/Off
6	Generic transmitter: On
7	Generic transmitter: Off

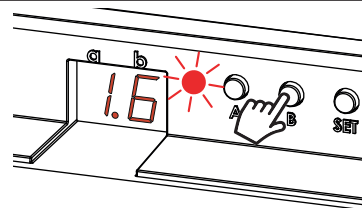
* programming 1 and 2 are equivalent to the procedure of paragraph 4.1



ACTION: Short presses of button A
DISPLAY: 1, 2, 6, 7, 1, 2...

STEP 4

Prolonged press on key “B” (approx. 3 seconds) activates the receiver, the LED on the display TURNS on.

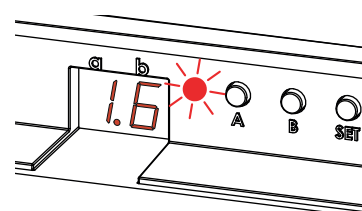
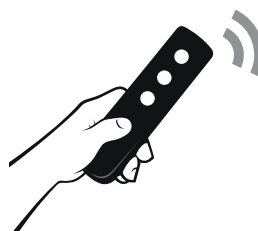


ACTION: Long press of button B **DISPLAY:** Led turns on

STEP 5

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

STEP 4

If you want to save other transmitters, go back to point 2 of this procedure. If you want to go back to the menu displaying the different types of programming, give a prolonged press to the “SET” key (approx. 3 seconds).

7.3 - RESET OF THE CONTROL UNIT

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

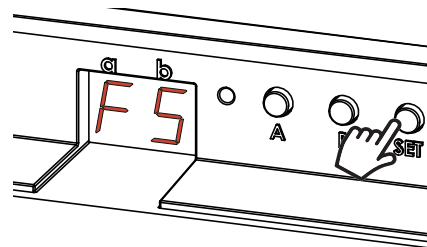
ATTENTION: the only parameter that will not be removed will be the association with the ONESMART application.

To edit or delete also this parameter, reed the procedure.

PROCEDURE

STEP 1

Short presses on the “SET” key let you scroll through the menu until “FS” programming appears on the display.

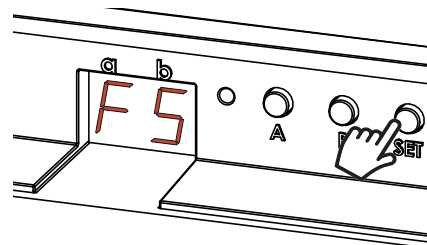


ACTION: Short presses of button SET **DISPLAY:** FS

STEP 2

A prolonged press on the “SET” key (approx. 3 seconds) takes you into programming.

The LED on the receiver lights up

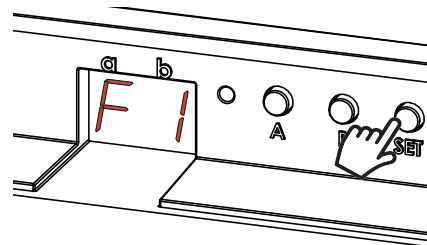


ACTION: Make a short press of SET button

STEP 3

Short presses on key “B” let you choose the type of output that you want to set, shown on display “b”, based on following table:

DISPLAY	USCITA ABBINATA
F1	Reset parameters (no deletion of radio memory)
F2	Full reset (parameters + radio memory)

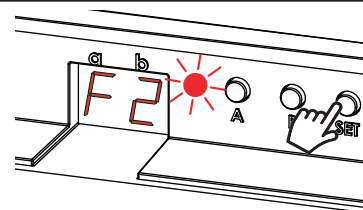


ACTION: Short presses of button B **DISPLAY:** F1, F2, F1, F2...

STEP 4

To confirm, give a prolonged press on the “SET” key (approx. 3 seconds).

To cancel any change, press keys “A” and “B” together for approx. 3 seconds.



ACTION: Long press of button SET

STEP 5

The display show the main menu (P2, P3, P6, FS, P2...)



V1.0



LEF LIGHTING S.R.L.

Via Rodolfo Morandi 9/11

50019 Sesto Fiorentino

Tel. 055.4217727

Firenze - ITALY

www.lefgroup.com