

PLANO-V5/RGBW

Control unit with dimmer function for single colour LEDs with voltage, 12-24 VDC, max 3A for channel (max 5A total). RX radio 433.92 MHz.

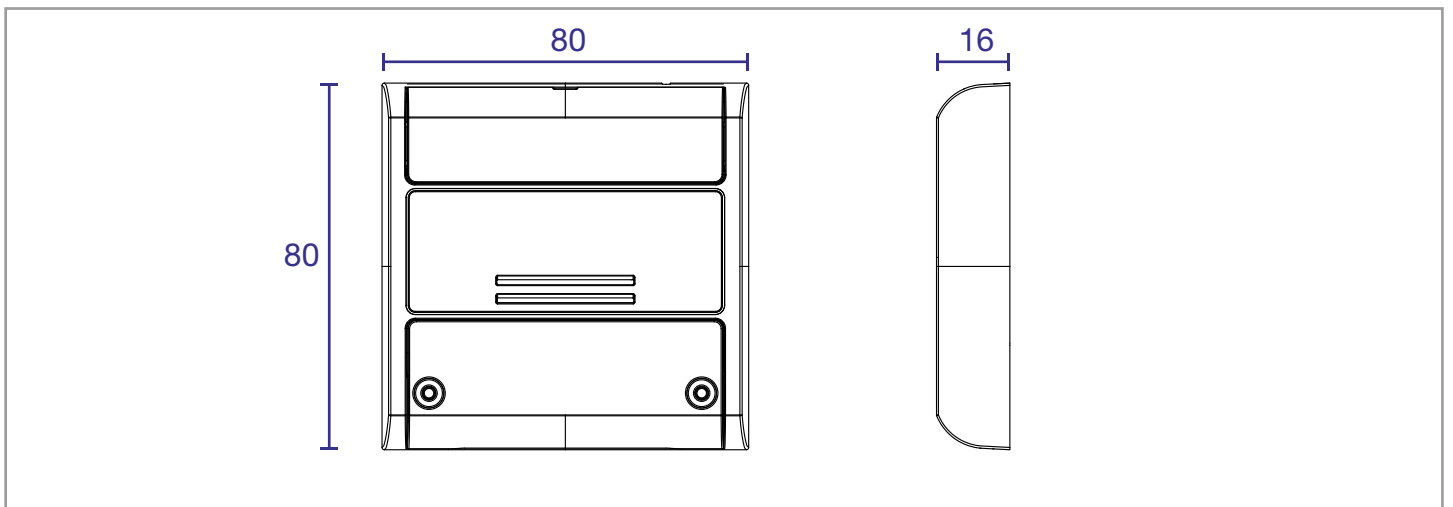
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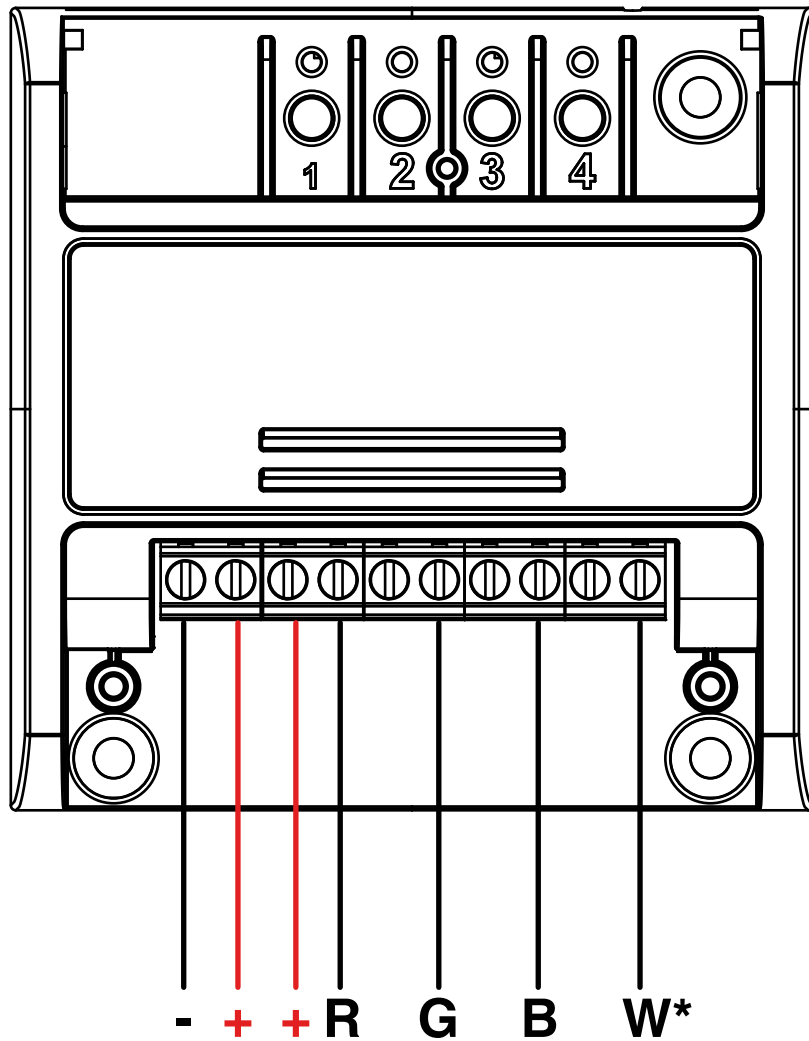
1 - PRODUCT FEATURES

1.1 TECHNICAL DATA

Power supply	12-24 Vdc
Output	Max load total 3A for channel. Max load total 5 A
Type of load	RGB or RGBW LED with constant voltage
N° of programmable transmitters	25
Radio frequency	433.920mhz ISM
Protection rating	IP20
Operating temperature	-20 +55 °C
Dimensions	80x80x16 mm



2 - ELECTRICAL CONNECTIONS



* if you connect RGBW led is necessary to make the "SETTING TYPE OF LOAD CONNECTED" procedure

3 - RADIO PROGRAMMING

This procedure lets you programme compatible multifunctional or generic transmitters.

MULTIFUNCTIONAL TRANSMITTERS

CODES:

HB70-SLCT, HB70-SPCT,
HB80-1C, HB80-1DIM, HB80-2L, HB80-30D, HB80-30RGBW, HB80-4C, HB80-4DIM, HB80-4L,
HB90-6LT,
ROUND-1SP,
SENSA-M, SENSA-P, SENSA-R35M, SENSA-R35P, SENSA-R35T, SENSA-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 it is an "dimmer" device.

GENERIC TRANSMITTERS (WIRELESS BUS)

CODES:

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

With generic transmitters, the transmitter's control modes are:
Short press= On/Off, Long Press= Dimmer Up/Down

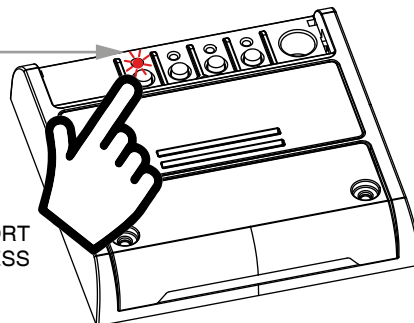
PROCEDURE

STEP 1

Press the button 1.
The led turns on.

THE LED TURNS ON

MAKE A SHORT PRESS

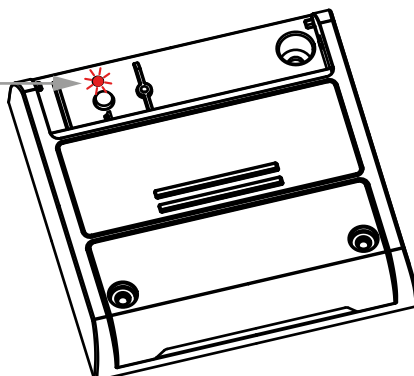
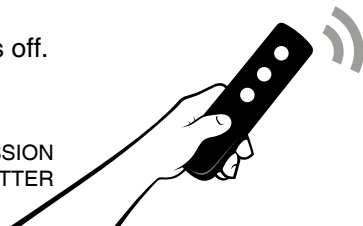


STEP 2

Within 60 seconds make a transmission with the transmitter to be saved.
See transmitter manual, the paragraph entitled "transmitter programming" for specific information.
The led makes 3 flashes and turns off.

LED MAKES 3 FLASHES AND TURNS OFF

MAKE A TRANSMISSION WITH THE TRANSMITTER



4 - DELETION OF RADIO

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

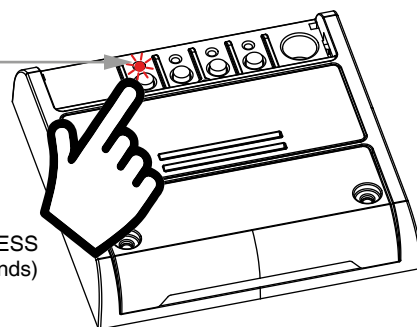
PROCEDURE

STEP 1

Hold the receiver button 1 down (about 8 seconds.) until the LED begins to flash.

LED FLASEHES

PROLONGED PRESS
(about 5 seconds)



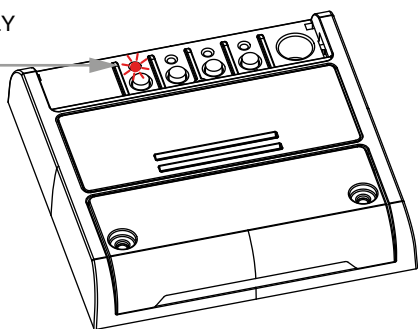
DELETION OF
SINGLE TRANSMITTER

DELETION OF ALL
TRANSMITTER SAVED

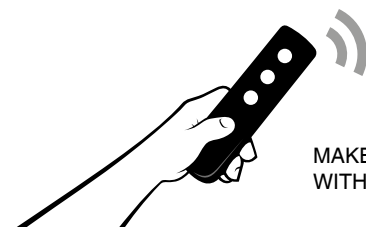
STEP 2A

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

THE LED STARTS
FLASHING QUICKLY
AND TURNS OFF



MAKE A TRANSMISSION
WITH THE TRANSMITTER

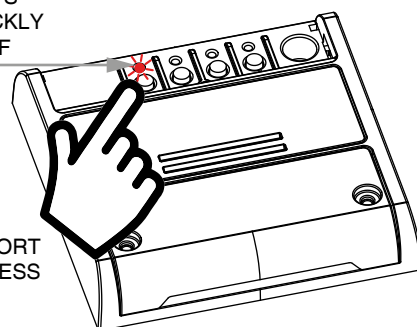


STEP 2B

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

THE LED STARTS
FLASHING QUICKLY
AND TURNS OFF

MAKE A SHORT
PRESS



5 - SETTING THE TIMED ON

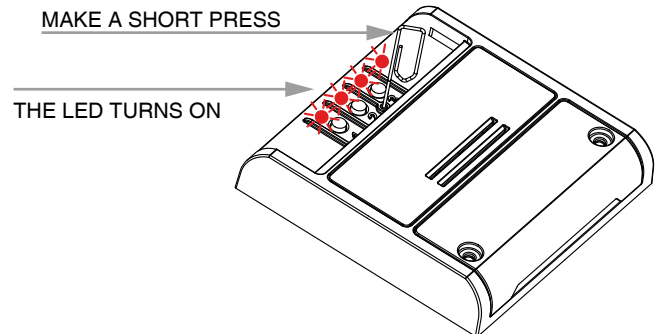
This process is used to set the time for which the Leds stays on before an automatic switch off.

NOTE: don't use this process with HB70-SLCT, HB70-SPCT and TOUCH-1SP, the controller already has a procedure to setting the automatic switch off of the light.

PROCEDURE

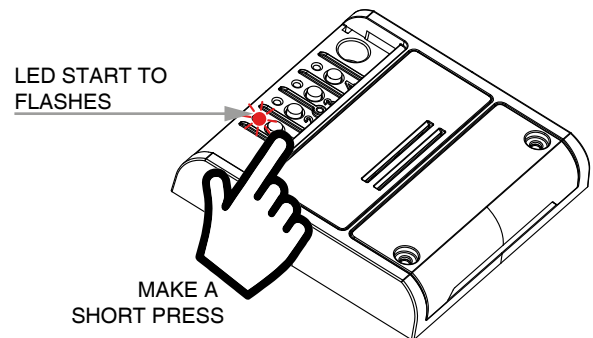
STEP 1

With a paper clip makes a short press of the "hidden" button.
The led turns on.



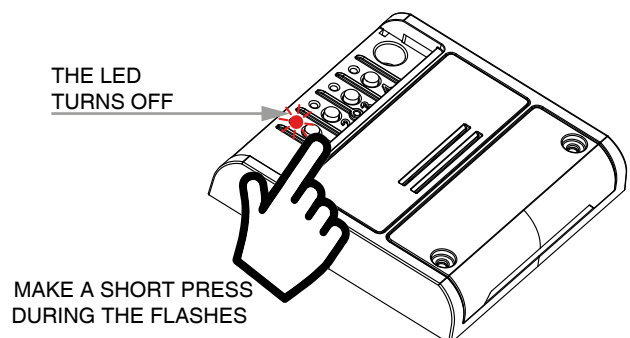
STEP 2

Within 10 seconds makes a short press of button 1.
The led start to flashes.
Each flash corresponds to a different timing.



STEP 3

Makes a short press of button 1 while it is flashing to end the count.
The led turns off



FLASHES	TIMED ON
1	1 minute
2	3 minutes
3	5 minutes
4	15 minutes
5	30 minutes
6	1 hour
7	18 hours
8	No timed on

6 - SELECTION OF TYPE OF LOAD CONNECTED

Default: RGB mode

This procedure is used to set up the type of control of load.

The three types are:

1 - RGB: in this case to create white light the control unit will use the three output channels "R", "G" and "B"

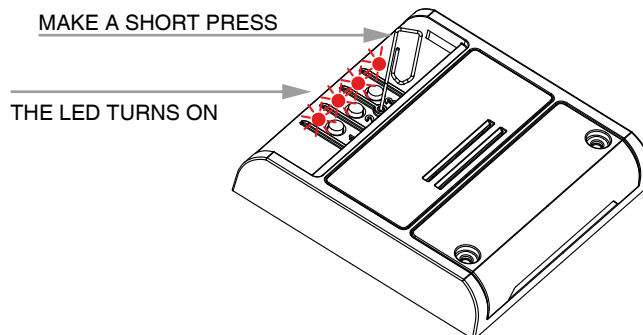
2 - RGBW modo 1: in this case to create white light the control unit will use the output channel "W"

3 - RGBW modo 2: in this case to create white light the control unit will use the output channel "W" and the three output channels "R", "G" and "B". This is to obtain the maximum available light.

PROCEDURE

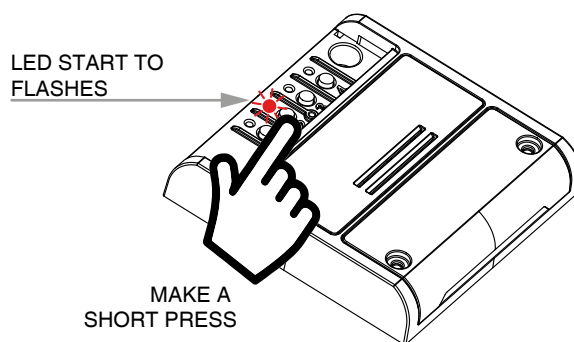
STEP 1

With a paper clip makes a short press of the "hidden" button. The led turns on.



STEP 2

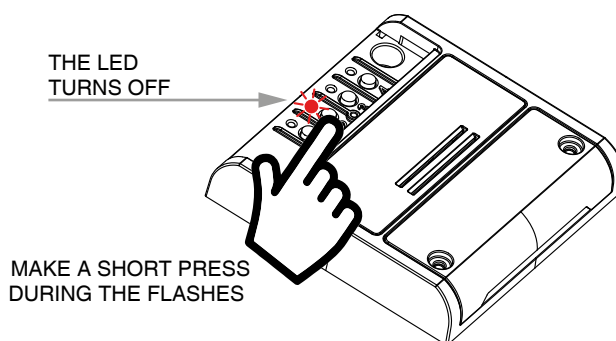
Within 10 seconds makes a short press of button 2. The led start to flashes. Each flash corresponds to a different timing.



STEP 3

Makes a short press of button 1 while it is flashing to end the count. The led turns off

FLASHES	TIMED ON
1	RGB
2	RGBW mode 1
3	RGBW mode 2



7 - RESET OF THE CONTROL UNIT

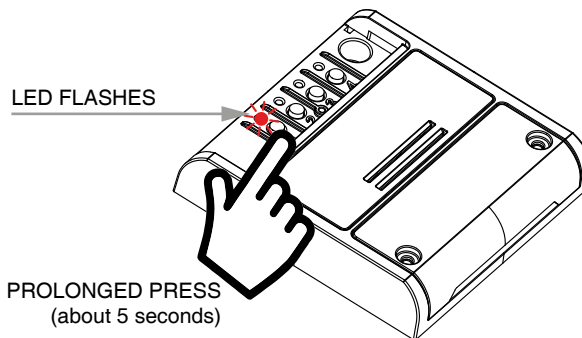
This procedure let you take the control unit back to factory settings.

NOTE: even stored transmitters will be deleted

PROCEDURE

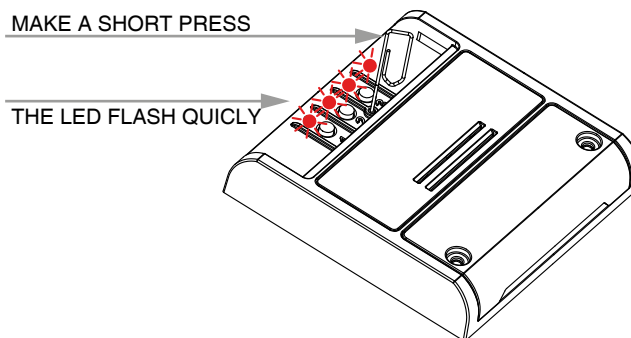
STEP 1

Hold the receiver button down (about 5 seconds.)
until the LED begins to flash.



STEP 2

Within 10 seconds, make a short press of
"hidden" button.
The LED 1 flashes quickly and turns off.



MNLPLANO-V5/RGBWNV1.0

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