

USER INSTRUCTIONS

MODEL: ECMR-250

Dimmer receiver for incandescent bulbs, halogen and electronic transformers.



PROPERTIES:

- The system uses 67 million code combinations.
- ON/OFF/DIMMER function.
- Only for 230V incandescent or halogen bulbs.
- Suitable for most types of electronic transformers for 12V halogen lighting.
- Can be controlled by 6 different transmitters
- Green LED indicator.
- Compatible with all remote controls in the Nexa system.
- Power consumption in standby: <1.0 W.

INSTALLATION: (Fig. 1)

Disconnect the mains voltage.

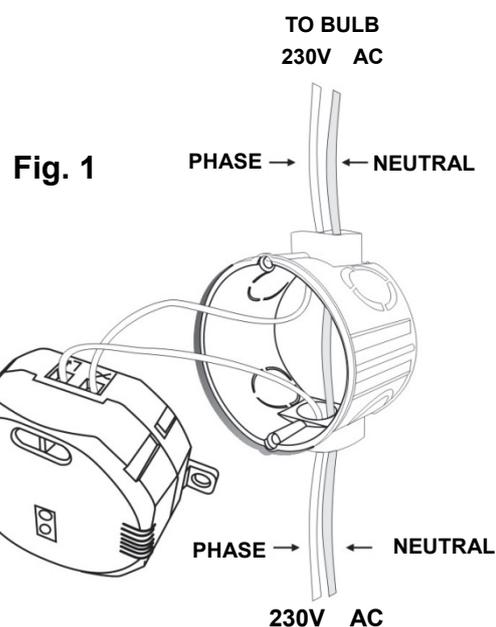
Connect the 230V AC phase conductor to ECMR-250, connection L↓

Connect the lamp phase connector to ECMR-250, ~~X~~ connection

Connect the neutral conductor of the 230V AC supply to the lamp.

Connect the mains voltage.

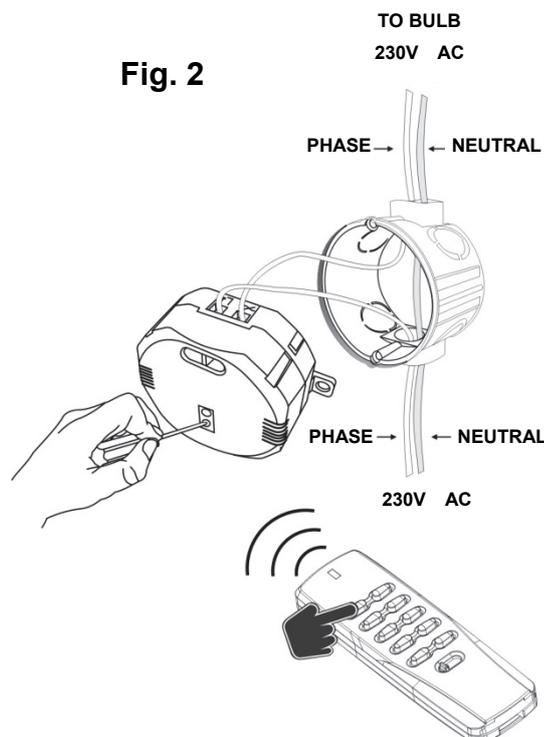
The LED comes on.



SETTING/DELETING CODE WITH NEXA REMOTE CONTROL:

SETTING CODE (LEARNING): (Fig. 2)

- Turn on the mains voltage after installation. The connected bulb comes on immediately.
- Hold the remote close to the receiver and press the learn button once.
- The receiver LED will then flash slowly; press the remote control ON button.
- The bulb connected to the receiver will flash twice and then remain on; the code is confirmed and the receiver LED stops flashing.
(Remember which button on the remote control you chose for the programmed receiver.)
- The remote control and receiver codes have been programmed automatically. Press the transmitter's programmed OFF button to turn off the bulb.

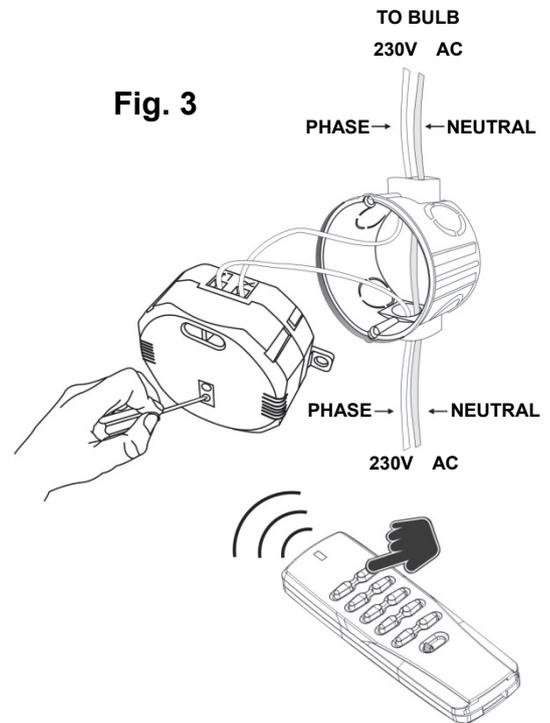


DELETE CODE: (Fig. 3)

Individual delete

- Press the learn button once; the LED will flash slowly.
- Press the selected OFF button on the remote control; the selected memory will be deleted.
- The bulb connected to the receiver will flash twice as confirmation. The LED will stop flashing.
- Repeat this procedure to learn again.

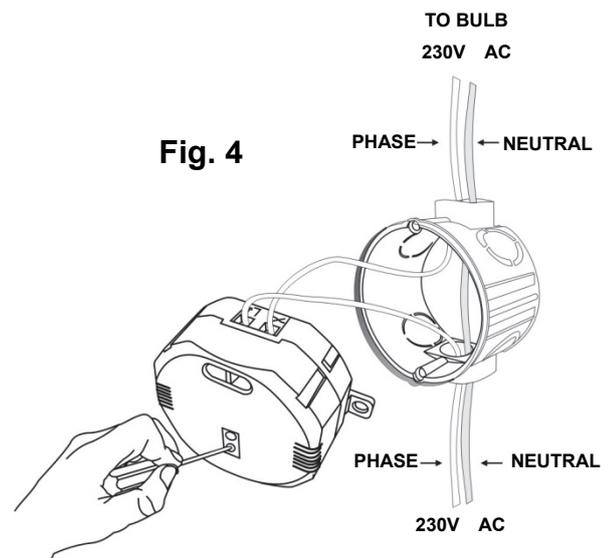
Fig. 3



Delete ALL memories (Fig. 4)

- Press the learn button until the LED flashes continuously.
- Release the button and press it one more time.
- The bulb connected to the receiver will flash twice as confirmation.
- All programmed memories in the receiver will be deleted.

Fig. 4



USE:

On the remote control:

- Press the ON button once to turn on.
- Press the OFF button once to turn off.
- Dim: Press the ON button once to turn on and then press once more to start dimming. Once the bulb is at the desired brightness, press the ON button again to stop dimming.

* If manual dimming does not cease after being dimmed and brightened 4 times, ECMR-210 will stop dimming automatically at the brightness last set.

* The next time the bulb is turned on it will light with the brightness that was set previously before being turned off.

MEMORY SETTINGS:

THE RECEIVER HAS 6 MEMORIES:

* It can be programmed to turn ON individually or in combinations.

* This means a receiver can be programmed in a maximum of six different combinations.

Example: If there are three receivers

[receiver 1: = lampshade, receiver 2 = night light, receiver 3 = ceiling light]

Receivers 1, 2, 3 can be controlled individually with buttons 1, 2, 3 on the remote control

Receivers 1, 3 can be programmed with button 4 (lampshade and ceiling light ON/OFF simultaneously)

Receivers 1, 2, 3 can also be programmed to the group ALL ON or OFF simultaneously with a group button (lampshade, night light and ceiling light ON/OFF simultaneously)

(In the examples above, receivers 1 and 3 together use three memories and receiver 2 only two memories.

Different combinations and settings can be grouped together and controlled from the transmitter)

SPECIFICATIONS:

Frequency: 433.92 MHz

Voltage: 230V~+/-10%, 50Hz

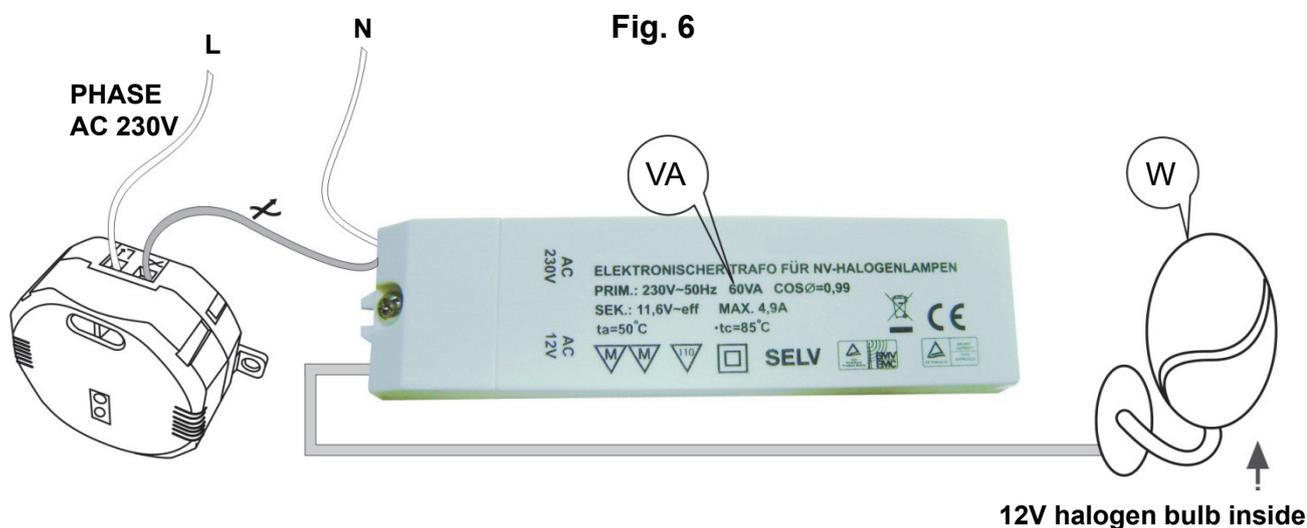
Range: 25-30 metres

Load types:

- Incandescent light bulbs and halogen bulbs 40-250 W
- Electronic transformers 40-220 VA

Note:

1. When connecting to an electronic transformer for low voltage 12V halogen bulbs, add the transformer VA value when calculating the load (not the bulb output in W). In this case, load for the ECMR-210 is the VA value of this electronic transformer, not the bulb output. (Fig. 6)



WARNING!

- Do not overload the system.
- Never place two receivers close to each other. The distance must be more than 1 metre.
- Do not use the system in damp spaces, such as verandas and cellars, or in the vicinity of flammable liquids, solvents, paint, etc.
- Do not use fluorescent or compact fluorescent lamps (CFL).
- Do not use together with standard wire-round transformers or toroidal transformers.
- Do not use together with electric motors.



Support: www.nexa.se