

Universal Receiver Module

WMR-251



Specification:

Function: On / Off

Frequency: 433.92MHz

Power Rating: 230V~ /50Hz

Output rating:

Incandescent and halogen lamps (230V~): 20W-250W Max.

Electronic transformers (12V~): 20W-250W Max.

Inductive transformers (12V~): 40W-250W Max.

Energy saving lamp: 3W-24W Max.

LEDs: 3W-24W Max.

! Not compatible to fluorescent lamp

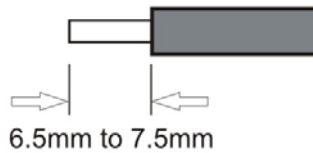
Overview:

Featuring an unique universal receiver module controlling existing LED, energy saving lamp, incandescent lamp, 230V~ halogen lamp and 12V halogen lamp with inductive transformer or electronic transformer.

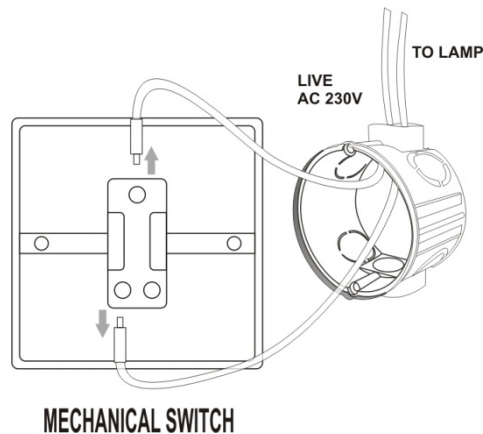
Benefit in keeping your existing light switches!

Wiring:


1. Turn Off mains power before installing and wiring.
2. Strip the cable as shown (at least 6.5mm to 7.5mm) then connect the wiring as per the diagrams below, ensure terminals are properly tightened and no bare wire is visible.

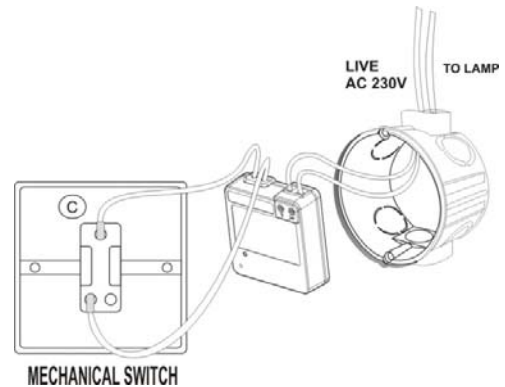
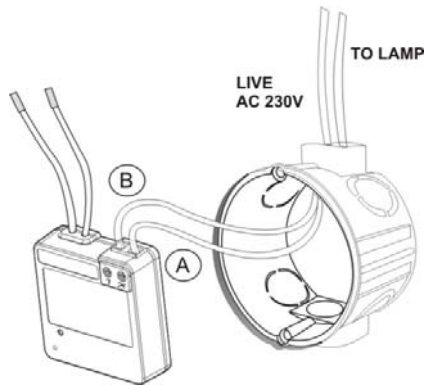


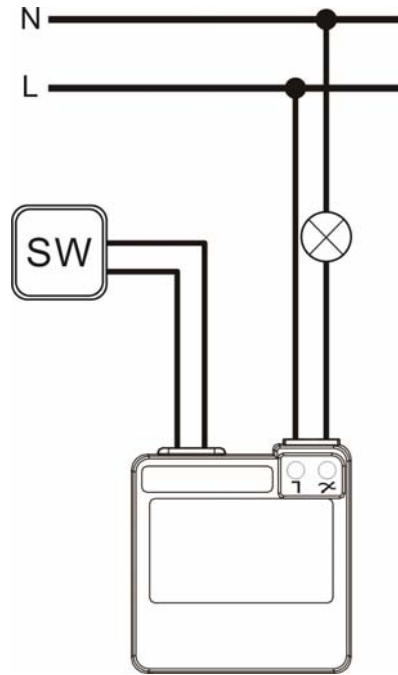
3. Disconnect AC 230V Live wire from mechanical switch terminal.



4. Connect AC wire into module terminal.

- (A) Load Live wire into terminal .
- (B) Live AC 230V wire into terminal L.
- (C) Connect 2 wires of module into mechanical switch terminal.





5. Tighten the terminal screws.

Pairing:

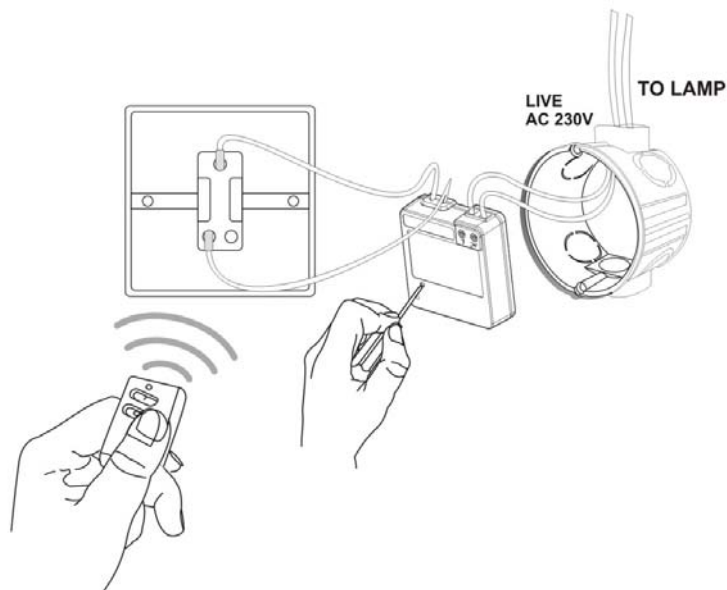
Module can pair with up to 6 different remote controls at any one time as it has **6 memories**.

Module is not compatible to “Code Switch” remote controls.

Only compatible to “Self Learning” remote controls.

Pairing using **LEARNING MODE:**

1. On the module press the ‘Learn’ button once (LED on module will flash), this will enter learning mode.
2. With a remote control press the ‘ON’ button intended to be paired; load(s) will flash twice to confirm that the remote control is now paired.



NOTE: Learning mode lasts for 12 seconds; if no signal is received from a remote control during this time then the module will automatically exit learning mode without pairing the device.

To exit learning mode manually, simply press the **‘Learn’** button again.

! If during learning mode the module does not react and LED on module continues to flash, this means that the module’s memory is **FULL** and no further remote control may be paired unless one of the existing remote control is first unpaired (see below).

Unpairing:

Removing single device:

1. On the module press the **‘Learn’** button once (LED on module will flash), this will enter learning mode.
2. With a remote control press the **‘OFF’** button intended to be un-paired; load(s) will flash twice to confirm that the remote control is un-paired.

Clearing Memory (will remove all paired remote controls):

On the module press the **‘Learn’** button for 6 seconds (LED on module will flash), release then press once again. Load(s) will flash twice to confirm that all remote control is unpaired.

※ **Important** ※

Load (s) must be under ‘OFF’ state when performing ‘pairing’ and ‘un-pairing’ mode.

Operation via remote control

ON/OFF Function:

Press the **‘ON’** button on remote control, the load(s) will gradually illuminate.

Press the **‘OFF’** button on wall switch, the load(s) will gradually turn OFF.

Operation via existing mechanical switch

ON/OFF Function:

Push once to switch ON, push again to switch OFF (latching action)

Note:

This module is capable and safe for ESL and LEDs to operate up to 50 Watts maximum, but in order to fulfil the regulation the product specification rating must indicate 24Watts Maximum.

Caution:

Please leave minimum of 1.5 meters in-between 2 or more receivers.