

Model: Universal dimmer plug-in adaptor.
Item No.: YCR-200

OVERVIEW:

Featuring an unique universal plug and play adaptor that allows remote controlling existing house hold dimmable LED, dimmable energy saving lamp, incandescent lamp, 230V~ halogen lamp and 12V halogen lamp with inductive transformer or electronic transformer.

Benefit the ability to adjust the lowest brightness level for all dimmable loads!

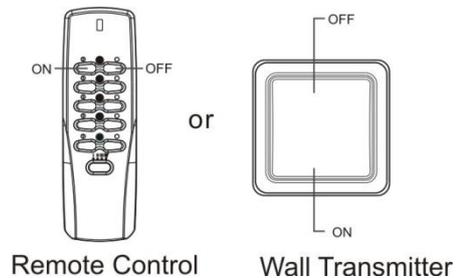
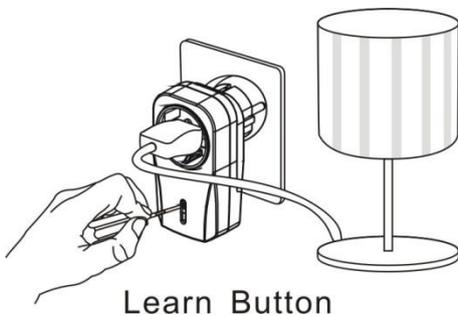
Universal dimmer plug-in adaptor has 4 built-in dim level controlled by software to adjust the lowest brightness accordingly to different brands of lamp(s) used.

In addition the universal dimmer plug-in adaptor has built-in overload and over heat protection.

Specification

Compatible to different type of lamps:

- Incandescent and halogen lamps (230V~): 20W-200W Max.
- Electronic transformers (12V~): 20W-200W Max.
- Inductive transformers (12V~): 40W-200W Max.
- Dimmable energy saving lamp: 3W-24W max.
- Dimmable LEDs 3W-24W Max.
- ! Not compatible to fluorescent lamp



Pairing

The universal dimmer plug-in adaptor can pair with up to 6 different remote controls at any one time as it has a **maximum of 6 memories**.

This receiver is not to be controlled by “Code Switch System” remote controls.

Only compatible to “Self Learning System” remote controls.

Pairing using **LEARNING MODE:**

1. On the universal dimmer plug-in adaptor press the ‘**Learn**’ button once (LED will flash), this will now enter learning mode.
2. Using a remote control press the ‘**ON**’ button intended to be paired; the load 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 dimmer plug-in adaptor 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 load does not flash to confirm, this means that the universal dimmer plug-in adaptor’s memory is **FULL** and no further remote control may be paired unless one of the existing remote control is first unpaired (see below).

Un-pairing

Removing single Device:

1. On the universal dimmer plug-in adaptor press the **‘Learn’** button once, LED will flash. The universal dimmer plug-in adaptor is now in learning mode.
2. Using a remote control press the **‘OFF’** button intended to be unpaired; the load will flash twice to confirm that the remote control is now unpaired.

Clearing Memory (will remove all paired remote controls):

On the universal dimmer plug-in adaptor press the **‘Learn’** button for 6 seconds (LED on receiver will flash), release then press once again. The load will flash twice to confirm that all remote control is now unpaired.

※ Important※

Load(s) must be under ‘OFF’ state when performing ‘pairing , un-pairing and clearing all memory’ procedure!

Lowest brightness setup

! Recommend using the same brand of load at the same time for better performance.

- Total 4 dim level starting from ‘4’ (Highest) through to ‘1’ (Dimmest).
- Select the types of load (A) or (B) you are connecting with as the setup will be different.
- 2 types of setup
 - (A) Dimmable LED / Incandescent and halogen lamps / Electronic or Inductive transformers (factory pre-set mode)
 - (B) Dimmable ESL

(A) Dimmable LED / Incandescent and halogen lamps / Electronic or Inductive transformers

1. Connect load to plug-in adaptor. (Plug-in adaptor LED indicator will illuminate)
2. With a remote control, turn **‘ON’** the plug-in adaptor.
3. Press the **‘Learn’** button **2 times**, this will enter the brightness level setup.
 - A) Initial setting will be at factory pre-set. (Highest dim level).
 - B) 2nd setting and after will be at previous stipulated dim level setting.
4. With the remote control press the **‘OFF’** button once to decrease the dim level, once it reaches to dim level ‘1’ the plug-in adaptor will not react any further.

OR

With the remote control press the **‘ON’** button once to increase the dim level, once it reaches to dim level ‘4’ the plug-in adaptor will not react any further.
5. During the adjustment, **lamp will dim in steps** to the relevant brightness.
6. For the best appropriate setup, the load should NOT flicker or turn OFF.
7. On the appropriate dim level press the **‘Learn’** button **2 times** to complete the dim level setup, load will flash twice to confirm.

(B) Dimmable ESL

1. Connect load to plug-in adaptor. (Plug-in adaptor LED indicator will illuminate)
2. With a remote control, turn 'ON' the plug-in adaptor.
3. Press the 'Learn' button **3 times**, this will enter the brightness level setup.
 - A) Initial setting will be at factory pre-set. (Highest dim level).
 - B) 2nd setting and after will be at previous stipulated dim level setting.
4. With the remote control press the 'OFF' button once to decrease the dim level, once it reaches to dim level '1' the plug-in adaptor will not react any further.

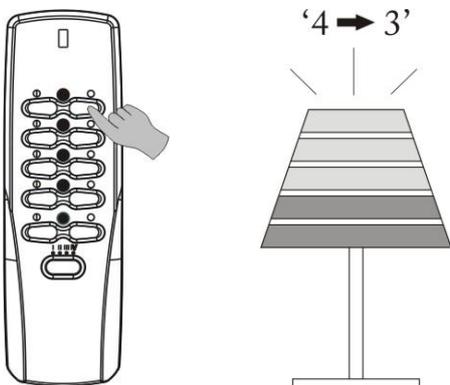
OR

With the remote control press the 'ON' button once to increase the dim level, once it reaches to dim level '4' the plug-in adaptor will not react any further.

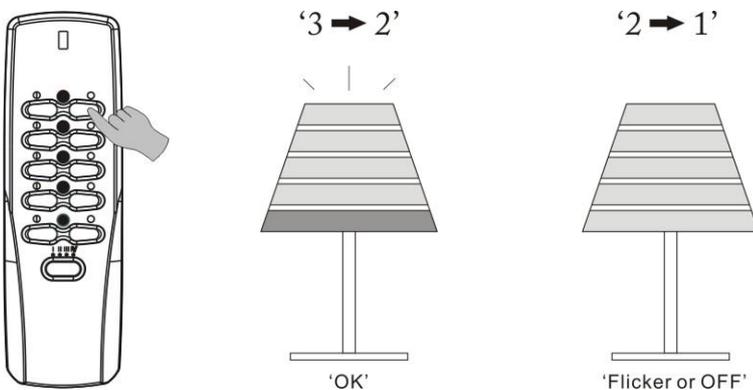
5. During the adjustment, lamp will need 100% power in order to activate therefore **lamp will rise to 100% brightness** then dim down to the relevant brightness (Dimming effect will be seen).
6. For the best appropriate setup, the load should NOT flicker or turn OFF.
7. On the appropriate dim level press the 'Learn' button **3 times** to complete the dim level setup, load will flash twice to confirm.

⊙ Example : Setting the dimmest level from factory pre-set.

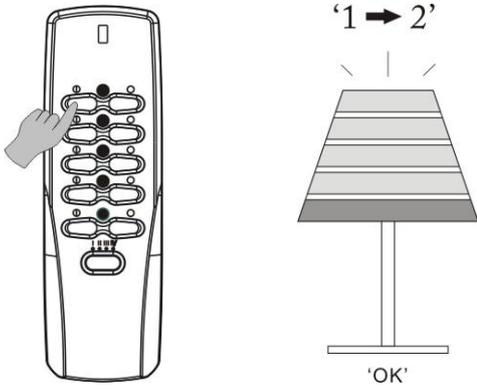
1. Enter the brightness level setup mode.
2. On remote control press 'OFF' button once, software will adjust from level '4 → 3', if the load lights up normally then;



3. Press again the 'OFF' button, software will adjust from level '3 → 2' and continue adjusting further until the load flickers or turn OFF.



4. If it flickers or turns OFF, with the remote control press 'ON' button once to adjust one level higher '1 → 2'



5. In this example the appropriate dim level will be at '2'
6. You may also choose your own desired level of brightness.

! During brightness level setup, some lamps can be dimmed to a very low level however may not have enough power to properly turn 'ON' the lamp especially with cold lamps.

Characteristic of each lamp may be different therefore if this case is found after the setup please perform the brightness level setup again and increase one or two level of brightness.

! If you replace a new lamp or cleared all memories on plug-in adaptor, please perform the brightness level setup again.

※ Caution※

If dimmable ESL is set in the wrong setting (A), the lamp may be in an abnormal state. i.e unable to turn 'ON' the lamp.

Operation

Soft start ON/OFF Function:

Press the 'ON' button on remote control, the lights will gradually illuminate.

Press the 'OFF' button on remote control, the light will gradually turn OFF.

Dimming Function:

1. Make sure the load (light) is switched ON.
2. On the remote control press the ON button again, the loads will start to dim.
3. To stop at the desired brightness level, press the ON button again.

※ Dimming level dims in cycle, during the cycle if no signal is given 『with 4 cycles it will stop at 100% brightness』 .

! After setting a dim level using the remote control the light is then switched OFF, the next time that the light is switched back ON again dimmable ESL will rise to 100% brightness then to the stipulated brightness or dimmable LED will directly return to the previous stipulated brightness.

Note:

This product is capable and safe for dimmable energy saving lamp and dimmable LEDs to operate up to 50W Max., but in order to fulfil the regulation the product specification rating must indicate 24W Max.

Caution:

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

Specification:

RF frequency: 433.92 MHz

Input rating: 230V~50Hz

Output rating:

Incandescent and halogen lamps (230V~): 20W-200W Max.

Electronic transformers (12V~): 20W-200W Max.

Inductive transformers (12V~): 40W-200W Max.

Dimmable energy saving lamp: 3W-24W Max.

Dimmable LEDs: 3W-24W Max.

! Not compatible to fluorescent lamp.

Standby power consumption: Below 1W.