



# Wall-Mounted Dimmer

*230VAC - 50 Hz -  
500W LOAD RATING*



**Product number : LW10E**

## Key Features

- Works with most 12V low voltage halogen transformers
- Replaces any normal dimmer for X10 control of branch lighting circuit rated between 60W and 500W.
- Works with X10 controller and momentary action wall switches - including "designer" wall switches.
- Can also be used like an ordinary dimmer.
- Remembers its light level for smooth dimming.

## Benefits

The X10 wall mounted dimmer is a 500W receiver module that is controlled by any X10 controller.

It can be used like an ordinary dimmer. The wall-mounted dimmer simply replaces the normal dimmer and is mounted into a flush box.

It can also be controlled by external momentary action switches connected to the terminal 2.

The LW10E responds to STANDARD X10 protocol: "All lights on", "All lights off" and "All units off" from any X10 controller set to its house code, regardless of unit code. Or alternatively, by individual unit controller using "On", "Off", "Bright" and "Dim".

The LW10E also responds to PROFESSIONAL X10 protocol. Combined with the memory dim feature, the LW10 can change the room lighting instantly or progressively.

The unit is currently supplied with cover plate Jung CD 500 and mounting frame.

## Typical applications

This unit is used for scene lighting, typically in living rooms, dining rooms and study/reading rooms. The ideal light level can be pre-programmed in your controller or X10 CM11E.

## Technical data

- Supply voltage: 230V +10% -15% 50 Hz
- Supply current : <20 mA capacitive
- Making capacity: 60 to 500W (incandescent lamps only)
- Regulating time: 3,7 sec  $\pm$ 0,2sec from fully on to off
- EMC emission: according to EN 50081-1
- EMC immunity: according to EN 50082-1
- Electrical safety: according to EN 60950 and EN 60065
- Signal sensitivity: 15 mVpp min 50 mVpp max at 120 kHz
- Input impedance: > 60 Ohms (L - N) at 120 kHz
- Fuse: 2,5 A (F)
- Connections: screw type terminals for phase, neutral, switched phase.
- Ambient temperature:
  - 10° C to + 50° C (operation)
  - 20° C to + 70° C (storage)