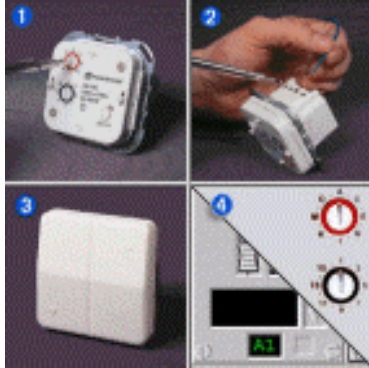


WALL DIMMER LW11

Qualities



IH4020 - © LW11

KEY Features:

- Replaces any normal dimmer for X-10 control of branch lighting circuit rated between 60W and 500W.
- Works with X-10 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

Applications

The X-10 wall mounted dimmer is a 500W receiver module that is controlled by any X-10 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 too.

The LW10 responds to "standard" X-10 that is: "All lights on" or "All units off" from any X-10 controller set to its house code regardless of unit code or alternatively individual unit control by "On", "Off", "Bright" and "Dim". The LW10 also responds to professional "X-10".

Combined with the memory dim feature, the LW10 can change the room lighting instantly or progressively.

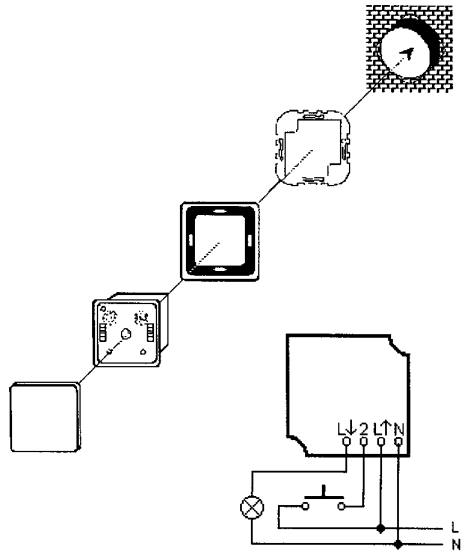
The unit is currently supplied with 1 cover plates and 1 mounting frame.

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 Computer Interface (CM11)..

Technical information

Supply voltage:	230V + 10% -15% 50Hz
Power consumption:	< 2,5 W
Supply current:	<= 20 mA capacitive
Making capacity:	60 to 500W (incandescent lamps only)
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:	15mVpp min 50 mVpp max at 120 kHz
Imput impedance:	> = 60 W (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)

WALL DIMMER LW11



Switch off appropriate mains fuse!

- Take off switch cover, remove both screws the mounting plate.
- Mount the mounting plate onto the flush mounting box with four countersunk screws. and take off
- Position the plastic decor frame
- Connect cables: phase to L, neutral to N, light cable (switched phase) to L1.
- When connected, position light switch on the mounting plate and reinsert both screws.
- Finally, set the rotary code switches on the front side to the desired device address (e.g. E13) with a screwdriver, and note this address down in a list.
- Put the switch cover back on.
- Momentary switches connected to point 2

Now check the correct operation of the dimmer:

- Switch on mains fuse.
- Press push-button **↑ briefly**, the light is switched on.
- Press push-button **↓ briefly** once again. The lighting is switched off.
- Now press and hold push-button **.** of some time: the lighting is switched on, its brightness gradually increasing to maximum. When the push-button is released, the brightness of the light stays constant.
- Now press and hold push-button **↓** for some time: the lighting is gradually dimmed down to OFF. When the push-button is released, the brightness of the light stays as selected.
- Any external push-button wired to terminal 2 as shown above will operate the same way.

When the unit receives a message, it will operate as follows:

- "OFF" message - full off.
- "ON", BRIGHT - brightens from current light level.
- "ON" DIM - dims from current light level.
- "All lights ON" - brings light 100 % on.
- "All units OFF" - full off.

As with the other receiver modules, the device address can be changed easily at any time without disconnecting any cables.

Important notice:

After the installation of the X-10 controllers, all receiver modules have first to be checked for correct function and address !