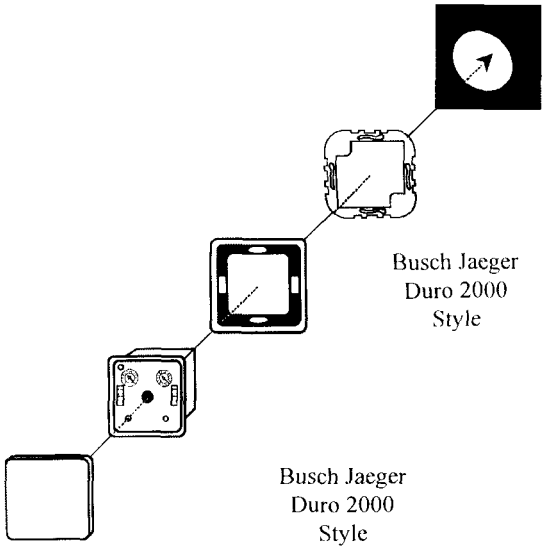
INSTALLATION INSTRUCTIONS FOR LW10G

Switch off appropriate mains fuse !

Important: 230V - 50 Hz - 60-500W max. Works with incandescent lamp and most of 12 V low voltage halogen lamp.



- Take off switch cover, remove both screws and take off the mounting plate.

- Mount the mounting plate onto the flush mounting box with four countersunk screws. Position the plastic decor frame; supplied by others.

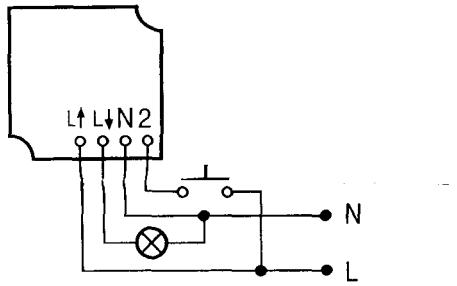
- Connect cables: phase to L, neutral to N, light cable (switched phase) to L1.

- Optional: connect the cable coming from the push-button wall switch (switched phase) to terminal 2 (max.40m).

- 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.



Now check the correct operation of the dimmer:

- Switch on mains fuse.
- Press either on the top or the bottom of the paddle **briefly** (<0.5s): the light fades on if the light was previously "Off" or fades off if the light was previously "On". The last stable output setting is retained as the memory when the unit is made to fade off.
- Press the top paddle for longer than 0.5 sec.: the light will bright as long as the key is pressed or until full bright is reached if the light was already "On", or the light will fade on to the memory position if the unit was already "Off" and no further brightening or dimming occurs.
- Press the bottom paddle for longer than 0.5 sec.: the light will dim for as long as the key is press or until full dim is reached if the light was already "On" or the light will fade on to the memory position if the unit was already "Off" and no further brightening or dimming will occur.
- 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"	- light fades off gradually.
*	"ON"	- light fades on to memory setting.
*	"Dim"	- dims from current light level. If the unit was previously off brings the unit on at full bright before dimming
	"Bright"	- Brightens from current light level.
	"All lights ON"	- brings light 100 % on immediately.
	"All units OFF" & "All light OFF"	- full off immediately.

The unit will also respond to the following Extended X-10 Messages: Preset Output, All Unit On, All Unit Off. See X-10 Code Format for more details.

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

TROUBLESHOOTING

In general these products are extremely easy to install and very reliable. Like other electronic equipment, they do require proper set-up for correct operation. If you experience a problem, go through these troubleshooting aids.

Having trouble with just one device...

- Does the controller work with other modules ? If it doesn't refer to « Things to check if NOTHING works ».
- Is the module you are trying to control completely plugged into the wall outlet ?
- Is the switch for the light or appliance you are trying to control turned on ?
- Does the light or appliance work OK if you plug it directly into an outlet ?
- Is the module plugged into a surge protector ? A surge protector might block signals from your interface or controller.
- Noise on your house wiring could cause a module not to work at all or only work intermittently. Although not very likely, as special circuitry has been designed into the modules and CE product standards require that electrical devices do not generate noise. However check to see if any of these things are operating when you are having problems :

  Wireless intercoms in transmit (talk) mode, Baby Monitors that transmit over your house wiring, Wireless Doorbells that use the house wiring, Laser Printers, Electric Motors (old ones), Electric hair dryers, Electric shavers, Vacuum cleaners, Floor scrubbers, Electric Carving Knives, Food Processors, Blenders, Mixers, Micro-wave ovens.

  To determine if you have an interference (noise) problem, unplug anything that you suspect might be causing the problem and try controlling your device again. Noisy devices could be anywhere in your house, but start looking around the area that you are having a problem.

  There is a device available called a Plug-in Noise Filter that will reduce the noise interjected onto the house wiring from a noisy device. You plug the noisy device into the filter and then plug the filter into the wall outlet. Contact your nearest supplier.
- If you cannot locate any things that are interfering with your system, try using a different Module of the same type at this same location in your home. Remember to set the correct housecode/unit code on the new module. -
- If this fixed the problem, the original module is possibly defective.

If no modules work in that location, you may have a problem with the wall outlet, you may have a noise problem as describe above, or you may have a problem with your house wiring. Contact your local electrician.

Things to check if NOTHING works.....

- Is the controller plugged into a working outlet ? Is the outlet controlled by a wall switch ? If so, is it turned on ?
- Is the Housecode set correctly ?
- If you still cannot control any modules, plug your controller and module into the same outlet (using a non surge protected outlet strip, if necessary). See if you can control this module. If not, contact your supplier for help.
- If it does work correctly with the controller and the module into the same outlet, try plugging the module in where you originally had it. If it doesn't work when you plug the module in somewhere else in your home (try several different locations and several modules of the same type), contact your supplier for help.