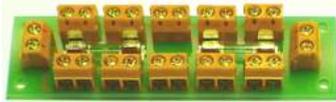


Plug & Wire

All the wiring boards shown below are designed for the ease of connecting lights. They all accept the industrial standard plug connected on the end of lights. Ideal for neatly grouping and extending lighting wires.

Power Distribution Extender (2 X 5 Way)



Model PW512 £7.95

Two separate fused inputs with 5 outputs per input

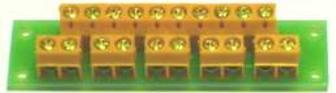
Power Distribution Extender (2 X 10 Way)



Model PW1012 £9.95

Two separate fused inputs with 10 outputs per input

5 Way Cable Extender

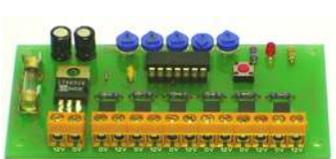


Model PW5CE £5.95

5 way cable extender. Standard bulb plugs are screwed into the terminal blocks.

Lighting Dimmers

Dimmer with 6 Independent output channels



Model DC6 £39.95

Extremely useful in setting the mode of Lighting within the house. Sometimes the main room lighting can be very harsh i.e. ceiling lights with wall lights, by dimming one or the other the affect within the room can be drymatically changed, giving a more realistic appearance to the room. Also useful for dimming in basements or servants quarters which were never as well lit as up stairs.

Power Supplies

We stock a range of Switched mode 12 volt DC power supplies. These unlike many power supplies sold into the dolls house market are, very small and generate very little heat. They are generally excepted in the electronics industry as the Rolls Royce of power supplies.

Model PS1 suitable for 20 lights/bulbs £19.95 Model PS2 suitable for 40 lights/bulbs £24.95
Model PS3 suitable for 60 lights/bulbs £29.95 Model PS4 suitable for 80 lights/bulbs £34.95
Model PS6 suitable for 120 lights/bulbs £49.95

Supplied with 2 metre mains lead and fitted plug.

Where to Buy

Our Products are available from most good dolls house outlets/shops/suppliers.

They can also be ordered online at www.microminiatures.co.uk

Micro Miniatures. Lowestoft Road. Blundeston. Lowestoft. Suffolk. NR32 5BW .
TEL: 01502 731805 FAX: 01502 733187

Micro Miniatures



Electronic Enhancements for your dolls house

- Infrared remote controls
- Candle flicker effects
- Dimmer controls
- Plug & Wire
- Power supplies

www.microminiature.co.uk

Infrared Remote Control

Control up to 24 lighting outputs from your armchair.

There are 3 models to suit from small to large houses, with outputs to control up to 144 bulbs. All lights connected to the controller can be turned off/on and individually dimmed from the remote control handset. There is master dimming key, which affects all the lights in the house controlled by the unit.

There is a save feature key, which stores all settings in memory, so after turning the IR remote controller off, it remembers all the bulb settings off/on and dimmed. When next turned on the house lights are restored, including the dimming settings.

Programmable feature to turn on/off blocks of bulbs. You can program up to 8 blocks containing up to 8 outputs. So you could turn on a whole floor with 1 key press. The blocks are saved in memory, and restored after being turned off.

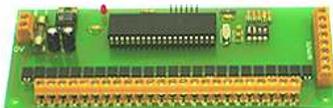
The controller also has an all lights on and all lights off feature.

The handset can be programmed so that it can control up to 8 different houses within the same room with out interfering with each other.

The remote controller can also be connected to our candle and fire flicker units. (models IRMP & IRHP only). It can then control their outputs turning them off and on. (As well as its own). It will also save all the flicker controllers lights off/on status to memory and restore these settings when next turned on.

Full handset and wiring instructions included. All the wiring is connected by screw terminal blocks and the unit is fuse protected for safety.

Remote Control 24 Independent output channels - 48 Bulbs



Model IRLP £79.95
Type of use:
Small/medium sized house, with 6-10 rooms.
2 bulbs per output. (2x24=48 bulbs)
Supplied with Remote Handset & IR remote receiver

Remote Control 24 Independent output channels - 96 Bulbs



Model IRHP £99.95
Type of use:
Medium sized house, with 8-12 rooms.
4 bulbs per output. (4x24=96 bulbs)
Supplied with Remote Handset & IR Remote Receiver

Remote Control 24 Independent output channels - 144 Bulbs



Model IRHP £129.95
Type of use:
Large sized house, with 12-20+ rooms.
6 bulbs per output. (6x24=144 bulbs)
Supplied with Remote Handset & IR Remote Receiver

When calculating the rooms in a house, we have allowed for the fact that most rooms will have a ceiling light, possibly some wall lights and perhaps a table light. Therefore it is possible for one room to use up to 3 or 4 of the 24 outputs, should you wish for these to be all controlled separately. In a large house the lights would have to be grouped together, with 1 output channel controlling all the lights in a room. A large house would therefore require a controller such as our model IRHP, which has a higher outputs.

Low Cost Remote Control 9 Independent output channels - 36 Bulbs (With Power Supply)

Our low cost remote control has 9 output channels. Each Channel can be turned off and on from the handset. There is a master all lights on and all lights off function. The unit will also save the off/on status of the lights in memory, and restore those setting after the power is turned off.

Supplied with Remote Handset, IR Remote Receiver and a 1 AMP power supply Model IR9 £59.95

Candle Flicker Effects

The flicker controller has been designed to simulate a candle in a drafty room. We have to simulate under these conditions as without the draft the candle would never flicker and would look like any other bulb. To achieve this flicker affect we have had to use some artistic license, The results are however quite stunning

The candle flicker unit also has inputs ready to connect to our infrared remote controller. With the remote controller connected to the flicker controller, the bulbs connected to the outputs can be individually turned off/on from the remote handset. There is also an all off and all on function. (Please also see our remote controller information)

The flicker unit also has 4 speeds which affect the rate of flickering these are set from switches. This is really a personal thing as some customers will like a faster flicker, and some slower. However the choice is there.

Technical stuff (Now it works)

The microprocessor which controls the flicker unit uses a combination of 4 random brightness levels and 56 random timings. The 56 random timings control the length of the brightness level. This is over all of the outputs. No two being the same unless the same random number appears.

This creates a truly random and authentic effect on the candle bulbs. The software also weights the random numbers i.e. the dimmest output level is programmed to be shorter than the other 3 brightness levels. The dim level is also always followed by full brightness this gives one of the units flash/flicker drafty room effects.

All the wiring is connected by screw terminal blocks and the unit is fuse protected for safety.

Candle Flicker Effects 6 Independent output channels. (up to 12 candle bulbs)



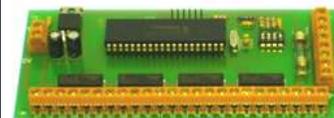
Model C6LP £29.95
Type of use:
A small house set in the time when oil/electric lights were used in the main rooms, but the lower levels, servants quarters, basements etc still used candles.

Candle Flicker Effects 6 Independent output channels. (up to 36 candle bulbs)



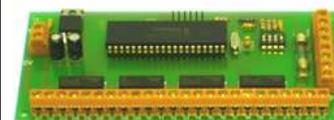
Model C6HP £34.95
Type of use:
A large house set in the time when oil/gas/electric lights were used in the main rooms, but the lower levels, servants quarters, basements etc still used candles.

Candle Flicker Effects 24 Independent output channels. (up to 48 candle bulbs)



Model C24LP £49.95
Type of use:
A small Tudor style house. Set in the period where candles were the only form of lighting.

Candle Flicker Effects 24 Independent output channels. (up to 144 candle bulbs)



Model C24HP £69.95
Type of use:
A large Tudor style house. Set in the period where candles were the only form of lighting.