

The standard fairground light kits available on the website have everything you need to get your job up & running. If you're using the kits for 'Marquee letters' they work great, but we can supply extra components to make the use of them a little easier, whilst also giving a better quality finish.

**Example** 55 x E14 Led Cabochons = 0.85w 24v each = 47w 24v total  
 For this example we will assume you're using an E14 60kit.



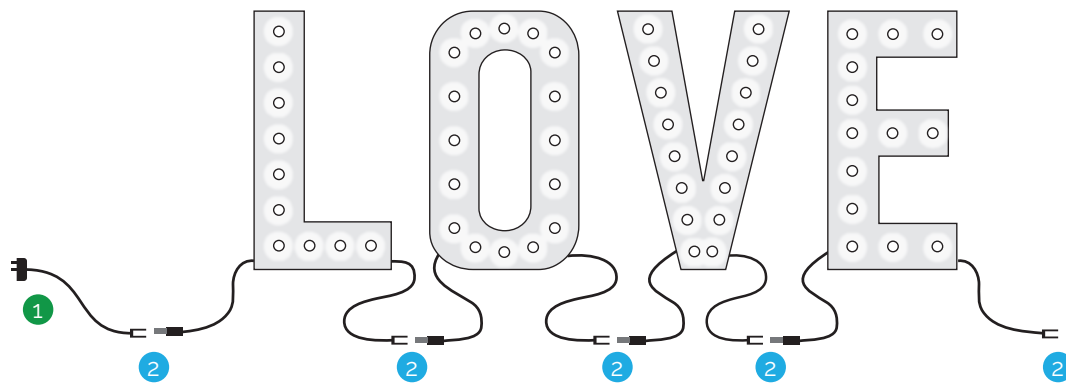
**1**  
 1 x 60w 'Plug Style' Power Supply  
 We would swap this out FOC when you purchased your 60kit. This PSU comes with a 2.1mm DC connector on the end of a 2m wire.



**2**  
 4 x Double Wire Adaptor  
 This is a 5m cable with a Female/Male 2.1mm DC connector at each end. We supply it in one length for you to cut wherever you want. It comes with 2x triple lever clamps to connect to your letters. You need one of these per letter.



**3**  
 8 x Triple Lever Clamps  
 Used to attached the wires used in the fairground lights to the wire adaptors. (You receive 2 of these clamps wit each double wire adaptor)



Wire the cabochon lights the same as always (See instruction guide). Once wired leave 100-200mm of each wire hanging off the end of the last bulb.

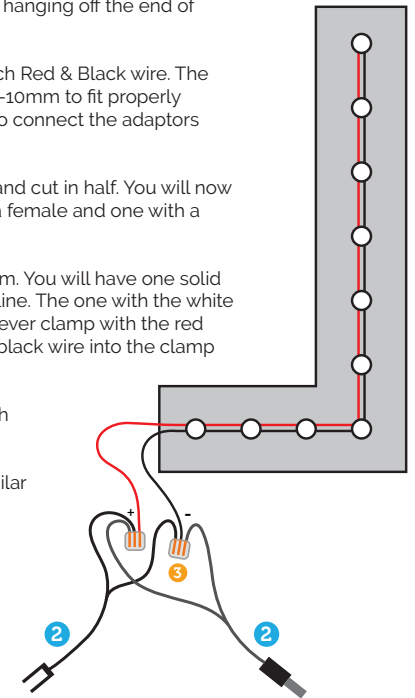
Attach 1 triple lever clamp to the end of each Red & Black wire. The wire will need the insulation stripping apx 7-10mm to fit properly inside the lever clamp. You are now ready to connect the adaptors to your letter.

Take the double wire adaptor as supplied, and cut in half. You will now have 2 twin wires, apx 2.5m long, one with a female and one with a male 2.1mm DC connector on the end

Strip the bare wires on each adaptor 7-10mm. You will have one solid black wire and one black wire with a white line. The one with the white line is the positive (+). Put this wire into the lever clamp with the red wire from the letter, and then put the solid black wire into the clamp with the black wire from the letter.

Make sure to follow the same steps for each half of the wire adaptor.

You should end up with a letter looking similar to this illustration.



We can supply the 'Plug Style' psu in 15w, 45w & 60w options. If you have a set of letters that requires more than 60w you can just split the letters in half, and add an extra psu.

ie: Mr & (Powered by 45w PSU) + Mrs (Powered by 45w PSU)

To figure out how many watts your letters will be, multiply the number of bulbs you have by 0.85. This will give you the power requirement.  
 \*\*Each E10 & E14 LED bulb is 0.85w

ie: 60bulbs x 0.85 = 51watts.

