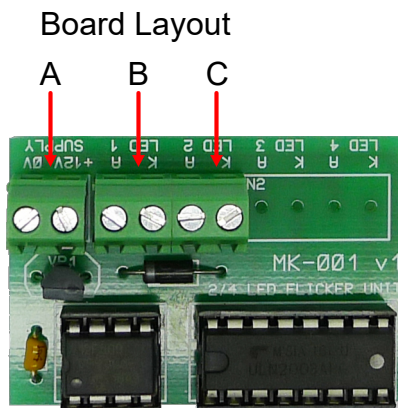


Description

The MK-001-ARC is a unit dedicated to simulating the look of a flashing arc welder. There are 2 outputs, one controls a white LED and the other controls a blue LED. The 2 independent channels produce a very realistic effect.

The MK-001-ARC operates from a regulated 12V DC power supply. A 1 amp DC power supply is sufficient on it's own or the unit can share another power supply with spare capacity. See the note on the type of power supply at the bottom of these instructions.



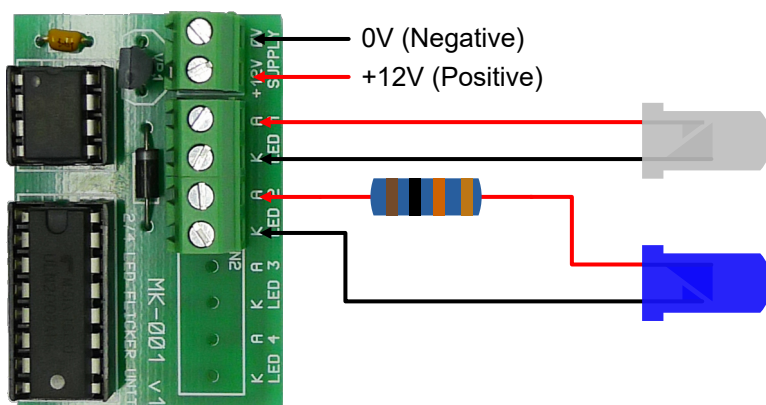
A) 12V Regulated DC Input

B) White LED output

C) Blue LED output

Connections

The LEDs are pre-wired and have built in resistors to operate directly from the MK-001-ARC outputs. For a more realistic effect the 10K resistor supplied should be connected to the blue LED as shown below. This is not essential but reduces the level of the blue element and produces a more realistic effect.



Shown are the power and 2 LED output connections.

Ensure that the polarity of the power connections and the LEDs are as shown.

Connecting the 10K resistor in series with the blue LED is optional but is recommended to give a more realistic effect

The pre-wired blue and white LEDs and 10K resistor are included with this unit

For correct operation, the MK-001-ARC Power Supply must display this symbol on the label.

