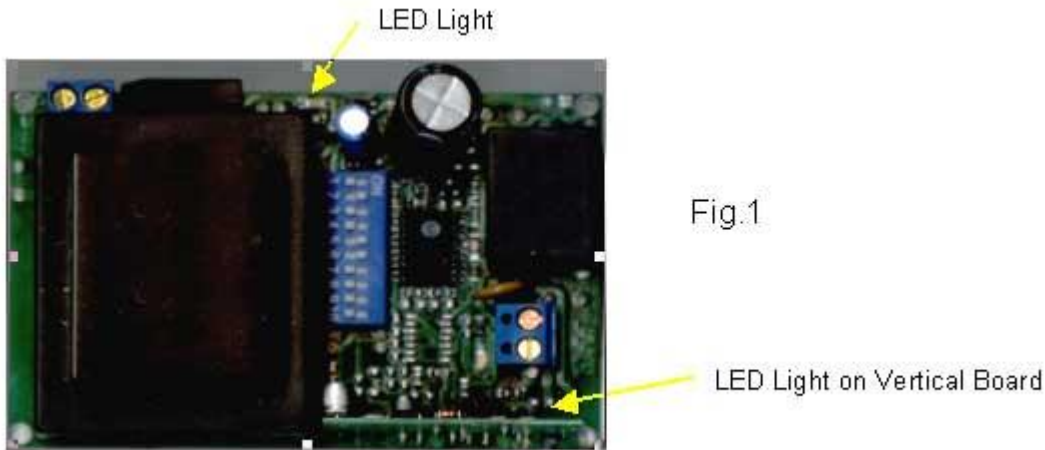


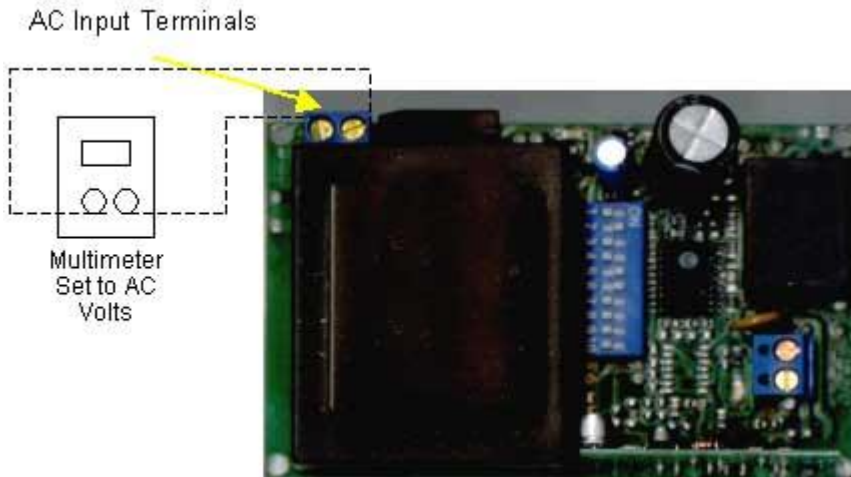
POOL LIGHT SPARKLER FAQ

Open the power pack and remote system box and turn on the mains.

1. Two Red lights should be ON. Refer to Fig.1
2. One on the main power pack board and one on the small vertical board, mounted on the power pack board, Refer to Fig 1. When the remote is pushed a second light on the main board should come ON and you should hear a clicking sound, on every remote control button press.



3. If there is no lights coming on in the power pack, the mains supply (electricity) is either not connected or not ON. Refer to Fig.2. Ensure if possible to check if you have power going into the power pack by using a multimeter. Select AC Voltage on your multimeter, and measure on the input terminals, Refer to Fig. 2. When the power is on, there should be between 220V to 240V/ AC



4. If the lights in the power pack are ON, then press the remote control button, at a close range. Everytime you press the button, you should hear a clicking sound from the power pack and another light in the power pack will switch off everytime you press and hold down the remote control button. Refer to Fig.3. Ensure on every remote control button press, you observe the light switching on, on the remote control. If not, the remote control battery could be needing replacement.

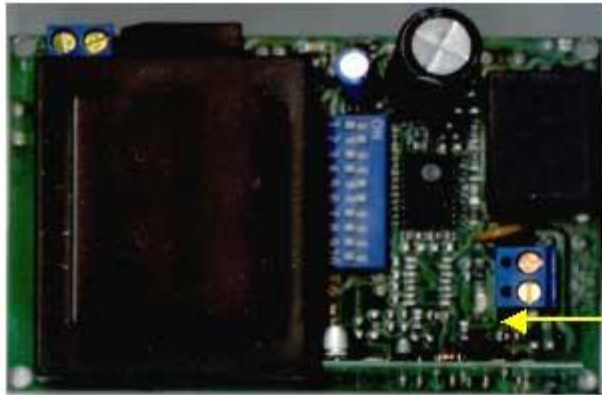


Fig.3

← Clicking Sound

LED Light Switching On

5. If you do not hear a clicking noise or see another light switch off, as shown in Fig.3, in the power pack, press the remote control by standing about 1 meter away from the power pack unit. If this does still not occur, refer to your dealer for a replacement power pack
6. If all the above is working, use a multimeter and test whether the isolated contacts are switching normally open to closed and visa versa. Refer to Fig. 4. Set the multimeter to Ohms W / Resistance, and your reading should be close to zero when the contacts are closed. When the remote button is held down, a reading in the Meg range or no reading at all when the contacts are open. Do these tests with nothing connected to the terminals. If all is working that has been tested, the following could be one of your problems:

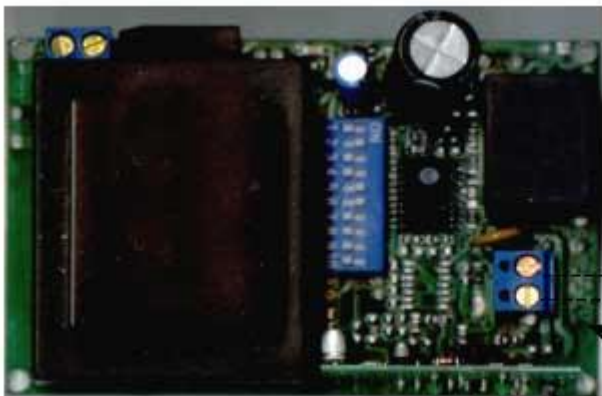


Fig.4

Multimeter
Set to AC
Volts

CONTACT TERMINALS
NORMALLY CLOSED

- 6.1 Either the connection point to the light has water in it, which is shorting out the power.
- 6.2 The cable is corroded and is shorting the power out.
- 6.3 There is a short somewhere on the cable, most likely place is by the light under water.
7. If all the voltages are okay, then go to the light. Disconnect the light and check if your disconnected cables terminals have a similar voltage on the cables ends, i.e. 12 to 15V AC. If not, the cable is faulty or corroded.
8. If the voltage is okay, connect to the light. Press the remote control button for a quarter to a half a second, then release. The light should now switch on. If it does not, remove the light and refer to your dealer for a replacement.
9. If the light switches on, switch the light off by holding down the remote button for 5 to 7 seconds. Then close the connections of the light using the black cap (ensure the cap is not damaged or cracked) and silicon (recommended). Once the seal is complete. Re-install the light in the water. Press the remote control button again for a quarter to half a second and then release. If the light switches on, all is working.
10. Note that the power pack and light have short circuit protection. Therefore if the light or the cable were to short out, the power pack would switch off power to the light until the short is removed.