

East Coast Circuits

Burning Fire Circuit 1.0 (#302)

Instructions

Getting Started

Thank you for purchasing an E.C.C. electronic device. Please take a moment to read and familiarize yourself with the following instructions prior to installing this circuit. The Burning Fire Circuit (BFC-1) simulates the typical behavior of a building and/or camping fire. This circuit is suitable for camping scenes as well as recreating the unfortunate event of a building on fire.

The Burning Fire Circuit (**BFC-1**) operates as described next. Terminals labeled “**R and R-**” illustrate the wire connections for the negative lead of the LED’s and terminals labeled “**C**” illustrate the common or positive. Once power is applied to the board operation of the circuit will commence by flickering the LED’s. Flicker rate can be adjusted by turning the potentiometer to simulate an intense or mild fire depending on the scene. The **BFC-1** handles up to four (4) LED’s at once (Two LED’s Per Port).

You should make all connections to the circuit prior to applying power. You can mount this circuit anywhere. We suggest mounting the circuit under the layout or inside the structure being animated. The circuit is equipped with holes for easy mounting. Do not enlarge holes as doing so can cause damage to the circuit and will void your warranty.

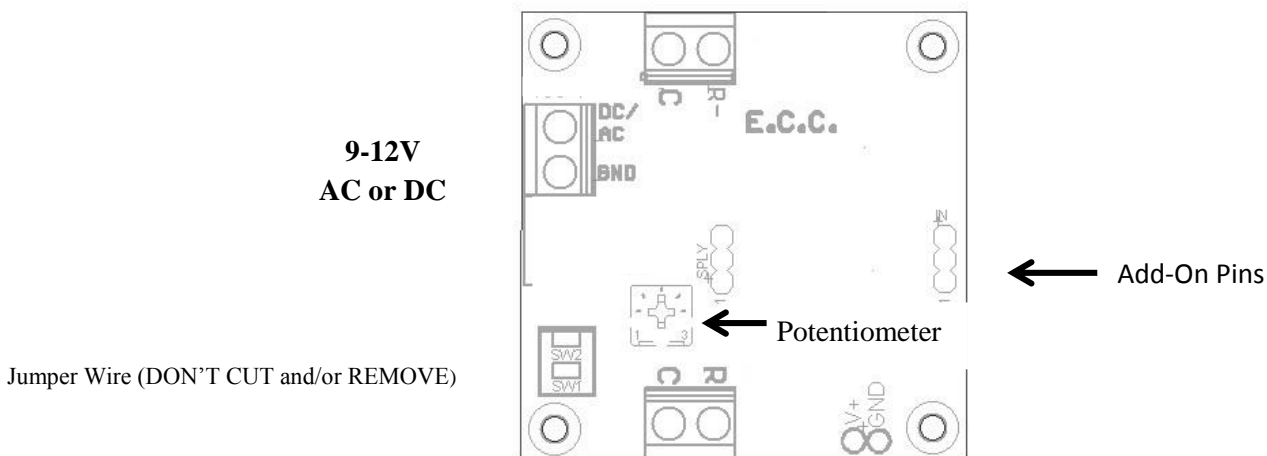


Figure 1- (Wiring)

Power

The **BFC-1** accepts AC or DC power (9V- 12V), **100mA Max**. This circuit is designed to operate on any straight DC or AC current provided the voltage doesn't exceed **12V, 100mA**. If you are using a power pack transformer we strongly recommend using the fixed AC output terminals. LED's should be no larger than **5mm 3V**. Not doing so will cause the circuit to overheat and fail, which will void the warranty.

Warranty

This Circuit is warranted to be free from defects in workmanship and materials for a period of ninety (90) days from the date of purchase. This warranty covers all defects experienced during normal operation with the exception of the following conditions:

1. If current or voltage limitations have been exceeded
2. If product has been modified in any way (e.g. Missing/Additional Components, Soldering)
3. If product has been mishandled or abused.

Requests for warranty service must contact us first to receive a RMA (Return Merchandize Authorization) at Eastcoastcircuits@gmail.com. In addition, please include a written description of the issue and original receipt. We currently accept PayPal at this time.

Support

We hope the above mentioned instructions are adequate for answering any questions you might have about the installation and operation of this circuit. However, if you still have any questions or problems with your circuit, technical support is available through email at Eastcoastcircuits@gmail.com.

Warning:

This product is not a toy. Keep away from children. it is not Suitable for children under the age of 14, as small parts and/or Broken parts may present a choking hazard. If swallowed, seek immediate medical help.

This product contains know Chemicals which are known to the state of CA to cause cancer, birth defects, or other reproductive harm