

170 Traymore Blvd. Eastlake, OH 44095 Thank you for choosing the **EVILUSIONS**

Programmable Relay Controller.  
OPERATING INSTRUCTIONS

The Programmable Relay Controller is designed to give a lot of options to animating your prop, scene, lights, pneumatics, or motors. The relays on your Programmable Relay Controller are rated at 10amps @ 120vac. Power is supplied to your new Programmable Relay Controller through a wall transformer, we recommend a 500ma 12vdc power supply with a 2.1x5.5mm center positive female connector.

To program your new Programmable Relay Controller:

- 1) Plug your power supply into the jack on the Programmable Relay Controller.
- 2) Start by pressing the “Program Relay 1” Button. The orange “Relay 1 Programming” Light should come on.
- 3) Press the “Key” button to activate the relay. Every time and the whole time you are holding it down, the relay you are programming will be on. **Caution** if your prop is hooked up, it will be activating while you are programming, please take care.
- 4) When you are done programming, press the “Program Relay 1” button again and the “Relay 1 Programming” Light will turn off. Your sequence is now saved.
- 5) If you have additional relays, you can program them now using the same steps as above. Anything already programmed into the relays will play back while your programming the current relay, allowing you to easily sync up multiple actions or items.

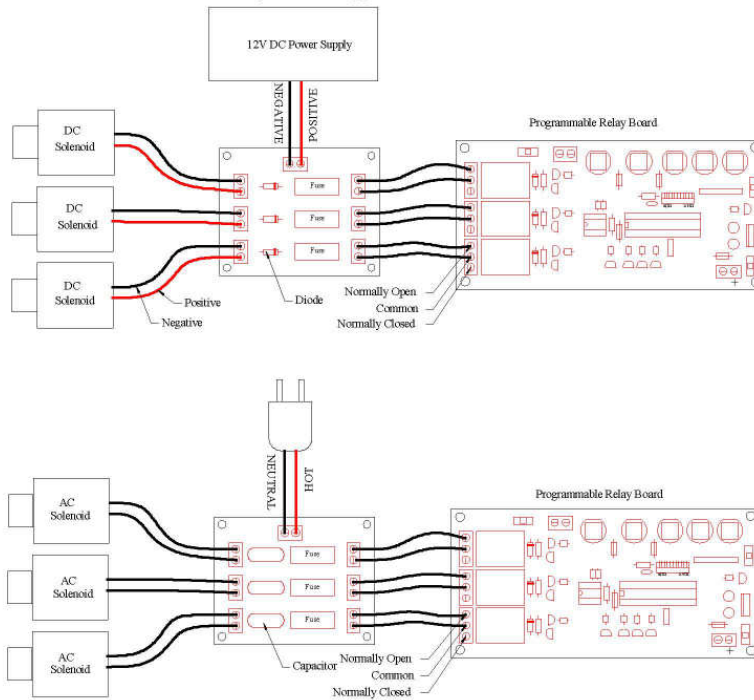
To prevent over wrighting your programming, remove the jumper on the far left of the controller.

Your Programmable Relay Controller can be triggered by a contact switch closure (manual trigger, mat switch, etc) or by pressing the “go” button. To continuously loop the program, place the jumper marked accordingly, the time between repeats can be controlled via the knob in the center. The timing range for delays between can be 1 second to several minutes.

If your Programmable Relay Controller is equipped with a PIR sensor, anytime motion is detected, your programmed sequence will start playing. After power up it will take your sensor 30 seconds to set up to it’s new location, during this set up time, we recommend removing the PIR trigger jumper, this will prevent continuous triggering. After the 30-second set up time, you can replace the jumper, and the sensor will now trigger the program anytime it sees motion.

**Anytime you use a relay to control a solenoid valve, you need to suppress the kick back voltage to protect your relay board. We recommend using one of our suppression boards as shown in the diagram below.**

### Example use of Suppression Board – 3-Circuit



**DISCLAIMER!** Evilusions LLC is not to be held liable for injuries, death, or property damage caused by the improper use of or inability to use this product, misuse of this product for purposes that it is not intended, or complete lack of common sense.

**WARNING!** This product is not designed to be used in a wet environment. If used outside, or in a damp environment all precautions should be made to prevent it from getting wet. Permanent damage to the product, persons, or property can occur.

Any questions, comments or problems please feel free to contact us through e-mail

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