

## Wiring diagram of the 1:25 Scale ECTO-1 Police Bar and Round Lights board

**Items you will need:** Soldering Iron, solder, Hot glue gun, cutter and wire stripper.

Refer to the master wiring diagram shown below for all external connections to the circuit boards.

**What is included:** One 9 volt battery clip, One Momentary Switch, Thirty Six 0402 Blue SMD, One Control board, resistors and Wiring Instructions.

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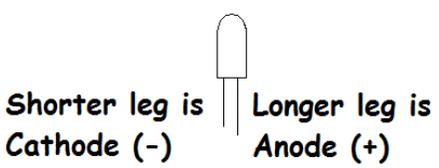
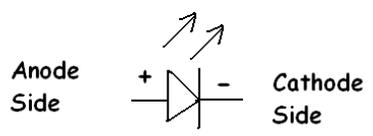
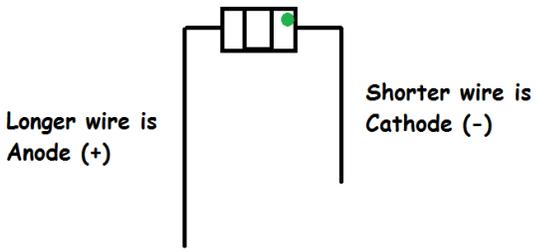
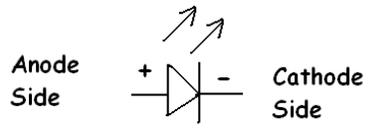
Very important to make sure that the numbered SMD's are connected correctly as shown below or you will not see the proper rotational effect.

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The momentary switch is used to speed up and slow down the rotational Bubble Light Effect.

\*\*\*\*\* A digital version of this Manual can be requested, email, [sales@tenacontrols.com](mailto:sales@tenacontrols.com) \*\*\*\*\*

How to distinguish a led:

There are 32 Blue SMD's to be used for the Rotating Bubble Light Effect and 4 Blue SMD's for the Round Spotlights, numbered 33-36.

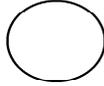
## VERY IMPORTANT!

Each Resistor we supplied **MUST** be connected to Four SMD LED's as shown in the wiring diagram before power is turned on.

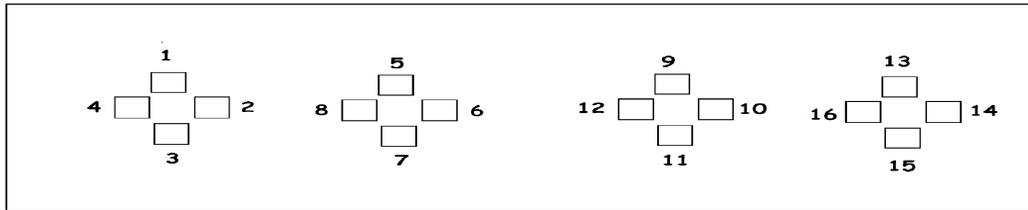
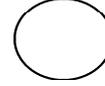


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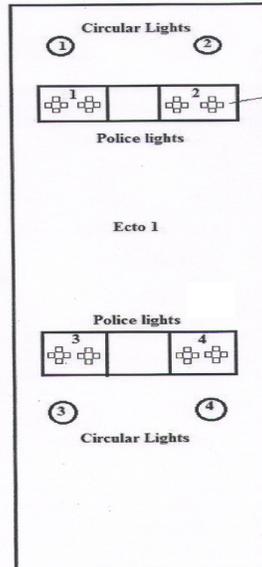


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Circular lights

4 blinking lights all blinking at the same time at 1 second intervals

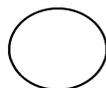
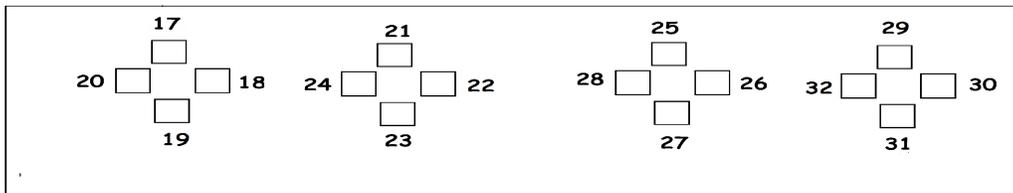


Police lights SMD LED 4 way

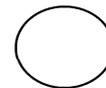


32 total SMD Lights

The SMD 4 way light would blink counter-clockwise fast enough to look like a spinning light.



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## Warranty

TenaControls LLC warrants that the control boards sold meet TenaControls specifications and are adequately contained, packaged and labeled and conform to the promises and affirmations of fact made on the container and label. THE FOREGOING WARRANTIES ARE EXCLUSIVE, AND ARE IN LIEU OF ALL OTHER WARRANTIES (WHETHER WRITTEN, ORAL OR IMPLIED) INCLUDING WARRANTY OR MERCHANTABILITY IN OTHER RESPECTS THAN EXPRESSLY SET FORTH ABOVE AND WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE.

In the event that there is a breach of express warranty by the manufacturer made in connection with the purchase of this product, if any, the sole remedy of any buyer shall be to return the product along with original sales receipt, at **buyer's expense** for repair (or replacement of the product if repair is impossible) to the manufacturer's facility in the Commonwealth of Massachusetts, located at 22 Hancock Street, Milford, MA 01757. Some states do not allow the exclusion or limitation of any incidental or consequential damages, so the above limitation may not apply to you. Nothing herein contained shall be construed to be a waiver by the manufacturer of any of the obligations imposed upon said buyer under the laws of the Commonwealth of Massachusetts except as herein specifically stated.

This warranty is enforceable only by the buyer of the product or a person in the buyer's immediate family. This warranty is enforceable for a period of **FIVE YEARS** from the date of purchase. Some states do not allow limitations on how long an implied warranty lasts, so the above warranty may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

### Warranty Void if:

- A) Product is altered in any way.
- B) Used for other than its intended use.
- C) Buyer mishandling.