



BIG EASY MODELING SOLUTIONS PRESENTS:

THE SHUTTLE BAY BOARD™

Thank you for your purchase of this Shuttle Bay Chaser Lighting Effects Board!

The board has come prewired with wire leads. Simply connect the positive leg any LED's (with recommended resistor) to the wire lead for the corresponding LED and the negative to the BLACK wire. (GND) Main power to the board must be connected to the RED wire. (RAW) *Main power in should be 5V - 9V to minimize heat. All output voltage from the board will be 5V due to the onboard voltage regulator. Choose the resistor that best works for 5V depending on the type of LED you're using. (in most cases, 360 - 470 ohms should be sufficient)

To make things easier, the wires are color coded to help identify them. There are two colors of each wire, though, so we recommend you mark your LED's with stickers or tape as you lengthen the wire.

All the wire leads are marked with numbers (#1-#10) in the order the LED's will come on. Number 1 is the first to light and then follow 2-10 accordingly. Simply connect the positive leg of your LED with the resistor to the corresponding wire from the board and connect the negative leg of your LED to the ground (GND) wire from the board. If you wish to use fewer LED's you're your shuttle bay, you may opt to use only 5. Simply connect only the odd number wires to LED's to keep the light timing spaced evenly. NOTE: You will have each LED connected to the same ground wire. You may decide to connect a short wire from each negative LED leg to the next instead of connecting them all back to the ground wire to keep things neater. As long as one of the LED negative legs also connects to the ground wire and the rest connect to each other, that's fine. See below: (all wire lines are negative as shown. Positive each goes to board)

_____ [LED1] _____ [LED2] _____ [LED3] _____ [LED4] _____ [LED5] _____
to board GND to next LED

PIN/WIRE LAYOUT:

TX0 [GREEN]: LED #1

RX1 [ORANGE]: LED #2

2 [PURPLE]: LED #3

3 [YELLOW]: LED #4

4 [BLUE]: LED #5

5 [GREEN]: LED #6

6 [ORANGE]: LED #7

7 [PURPLE]: LED #8

8 [YELLOW]: LED #9

9 [BLUE]: LED #10

**Board includes a 5 year limited repair or replacement warranty for damage caused by manufacturer failure. Damage to board determined to be caused by customer miswiring may not be covered. All other LED's, resistors, wires, and external model kits or components not included with this lighting kit are not covered under warranty.*

For any questions, contact us anytime through our Facebook page or at:

www.bigeasymodelingsolutions.com

Thank you and happy modeling!!!