MYTRICKRC™

UF7C

Universal Hobby Lighting Controller Installation Instructions for FW1.0

Please read instructions completely before attaching LEDs to RC.

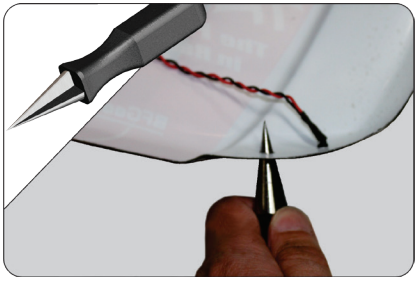
Contents

LED INSTALLATION 3
POWER CONNECTIONS & SETTINGS 4
BLINK MODES 5
MODE 0 ON/OFF 5
MODE 1 Watercraft 5
MODE 2 Basher/Crawler (for Vehicles with Brakes) 5
MODE 3 Crawler (for Vehicles without Brakes) 6
MODE 4 Car 1 (Turn Signals normally OFF) 7
MODE 5 Car 2 (Turn Signals normally DIM) 7
MODE 6 Drift (for Vehicles with Backfire) 8
MODE 7 CHP/Police/Utility (Headlights normally OFF) 9
MODE 8 Fire Truck/Police (Headlights normally ON) 9
MODE 9 Aircraft 1 (with Landing Lights normally OFF) 10
MODE 10 Aircraft 2 (with Landing Lights normally ON) 11
MODE 11 Fighter Jet (with After Burner) 11
MODE 12 War Bird (with Slow WIG WAG Landing Lights) 12
MODE 13 Trailer 13
TROUBLE SHOOTING 13

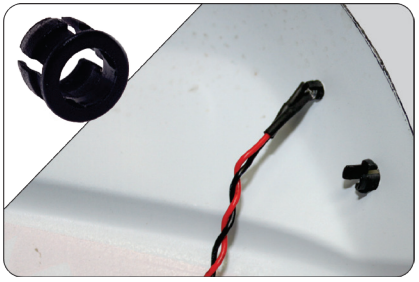
LED INSTALLATION

1. Choose where to install, what size, and what color LEDs are to be used. Next, choose the desired UF7B blink MODE (See Blink Mode Section page 5).

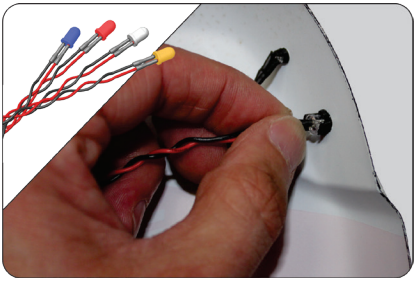
NOTE – The blink MODE indicates where to plug each LED into the UF7B controller.



2. Drill Holes for LED Holders. Be careful to not drill the hole too large. NOTE - You can purchase a hand drill from your local RC hobby store. Follow carefully all safety instructions provided with the drill.

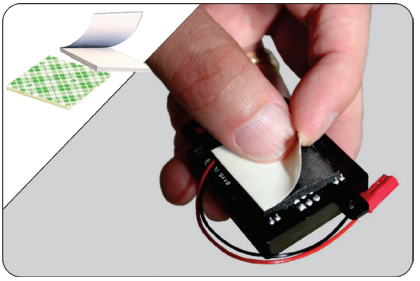


3. Snap LED Holders into Holes.



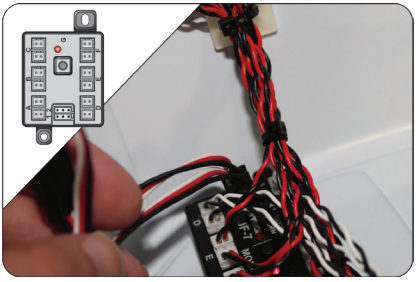
4. Insert LEDs into LED Holders. It is recommended to apply a pliable glue, such as Zap Goo or Shoe Goo, liberally making sure the glue contacts the body, the LED and LED wires. The glue should strengthen the wires and help the LEDs last longer.

NOTE - The proper glue may be purchased from an RC hobby store.



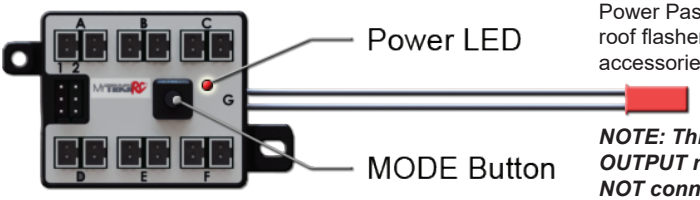
5. Attach UF7B Controller to vehicle using it's double back adhesive or using the breakaway mounting tabs.

NOTE: The mounting tabs may be easily twisted off if not used.

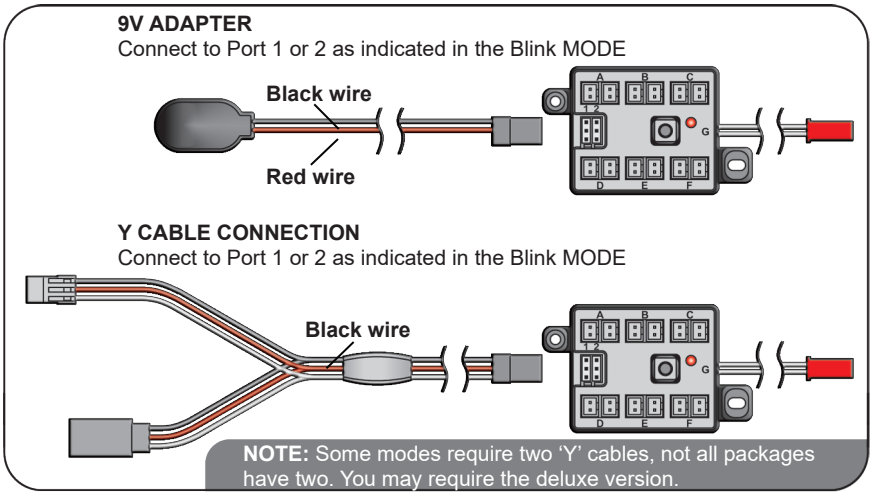


6. Connect LEDs to the UF7B Controller NOTE: Connect each LED depending on the desired blink MODE. See Blink Mode Section on page 5. **Example** – For headlights, tail/brake lights, and turn signals use MODE #6, Connect HEADLIGHT LEDs to outputs A, D or E. Connect TAIL LIGHTS to outputs B, connect RIGHT side blinkers to output F, and LEFT side blinkers to output C.

POWER CONNECTIONS & SETTINGS



9V Power Option – To power the UF7B using a 9V battery, plug the 9V Adapter cable into either connector 1 or 2 as shown. If the power LED does not blink or turn on steady, press the MODE button one time.
NOTE: MODE #0 (ALL OFF) does still draw a small amount to power.



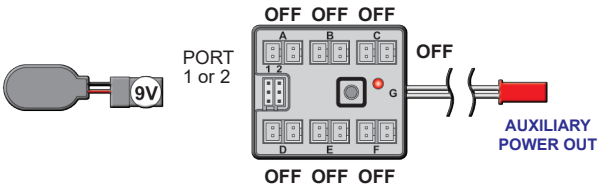
The UF7B has many different pre-programmed output MODES to fit multiple lighting requirements. Pressing the MODE button scrolls through the various modes. Once you reach the last mode, the next button press sets the unit back to MODE #0 (OFF). When power is applied to the UF7B the power LED will blink several times to indicate the software revision of your controller. It will then blink to indicate the current mode.

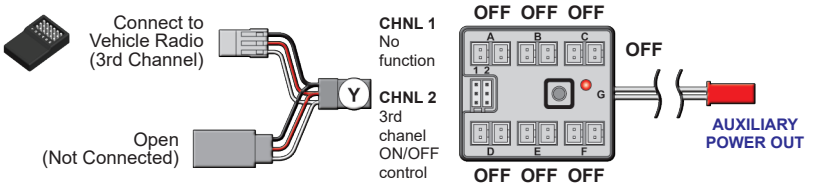
Example: — • • • • • [pause] • • • • indicates Software Revision 1.5 [pause] Mode 4.

Each time you press the MODE button the power LED will blink the number of times equivalent to the current MODE. For Example, 5 blinks indicates that the current mode is #5. After blinking, the power LED will stay on steady to indicate power.

BLINK MODES

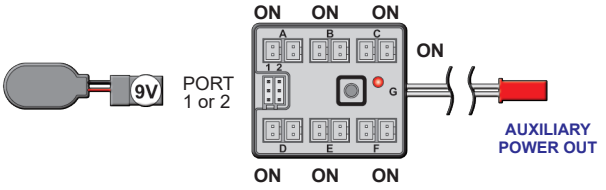
MODE 0 ON/OFF

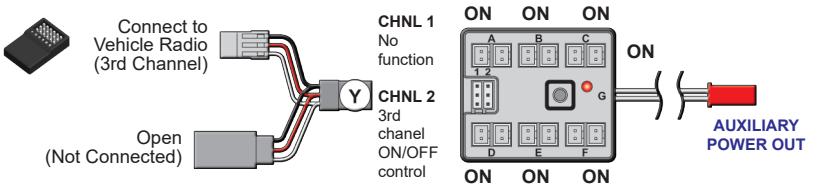




Note: ON/OFF function on 3rd Channel (including Pig Tail)

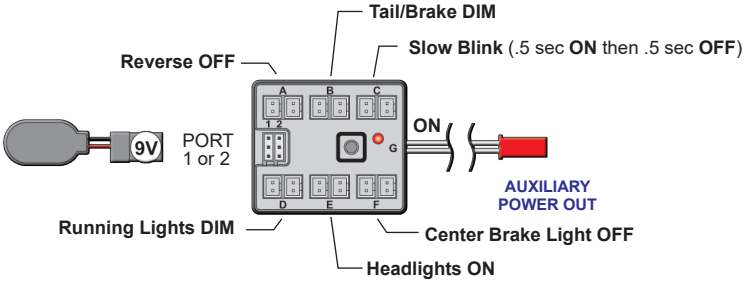
MODE 1 Watercraft

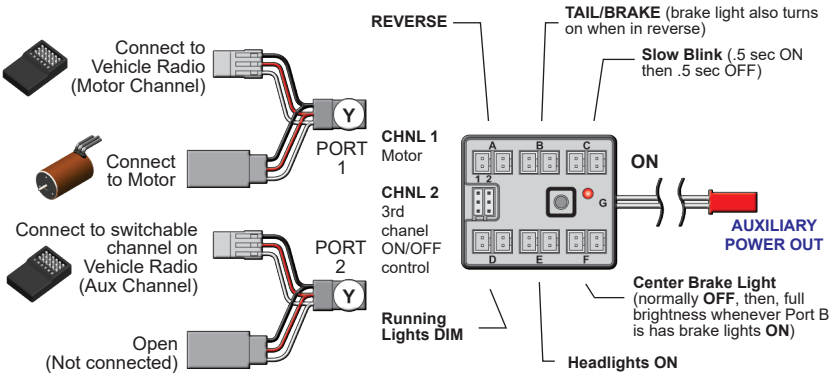




Note: ON/OFF Cabin, Mast, or Spot Lights function on 3rd Channel (Ports A, B, C, and Pig Tail only.)

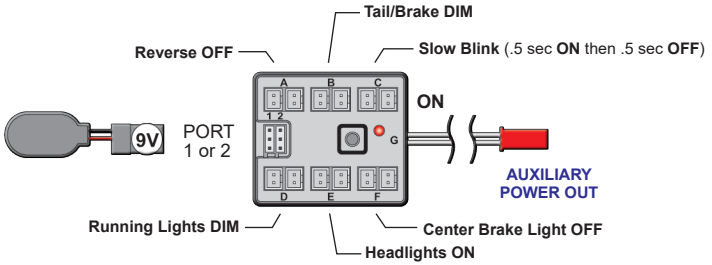
MODE 2 Basher/Crawler (for Vehicles with Brakes)

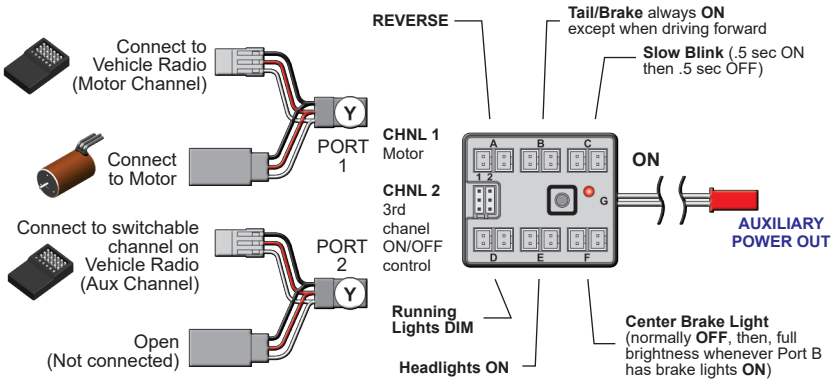




Note: **1. Hazard Lights** (All LEDs turn off except ports B & D that blink as hazard lights after 20 sec). You can turn OFF Hazard Lights by press-and-hold the Mode Button for 3 seconds. Repeat to turn back ON.
2. ON/OFF function on 3rd Channel (including Pig Tail)

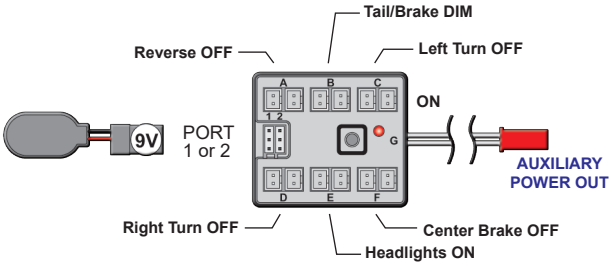
MODE 3 Crawler (for Vehicles without Brakes)

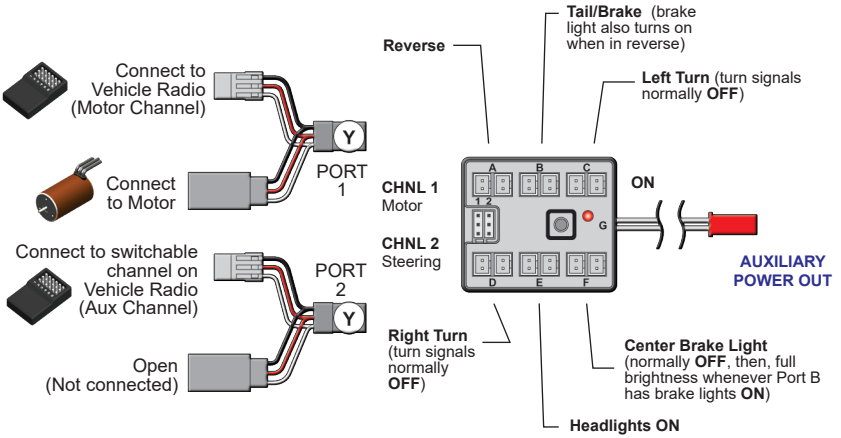




Note: **1. Hazard Lights** (All LEDs turn off except ports B & D that blink as hazard lights after 20 sec). You can turn OFF Hazard Lights by press-and-hold the Mode Button for 3 seconds. Repeat to turn back ON.
2. ON/OFF function on 3rd Channel (including Pig Tail)

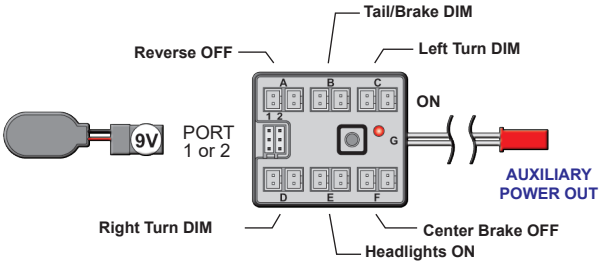
MODE 4 Car 1 (Turn Signals normally OFF)

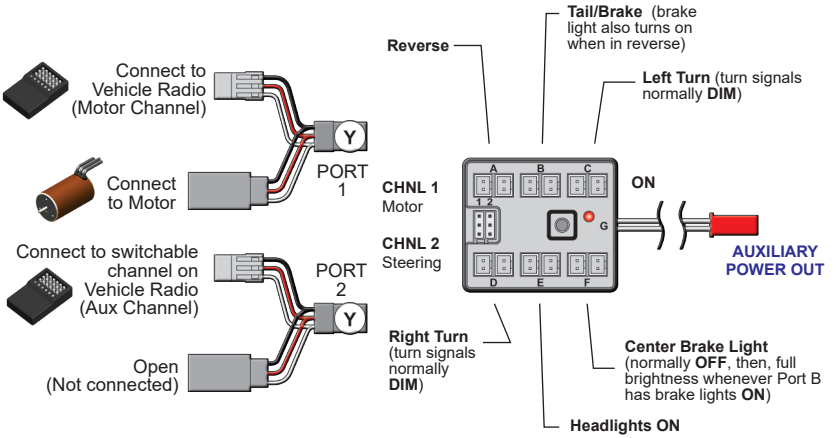




Note: **1. Hazard Lights** (All LEDs turn off except ports B & D that blink as hazard lights after 20 sec). You can turn OFF Hazard Lights by press-and-hold the Mode Button for 3 seconds. Repeat to turn back ON.
2. ON/OFF function on 3rd Channel (including Pig Tail)

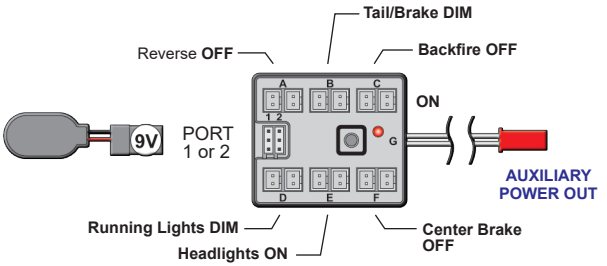
MODE 5 Car 2 (Turn Signals normally DIM)

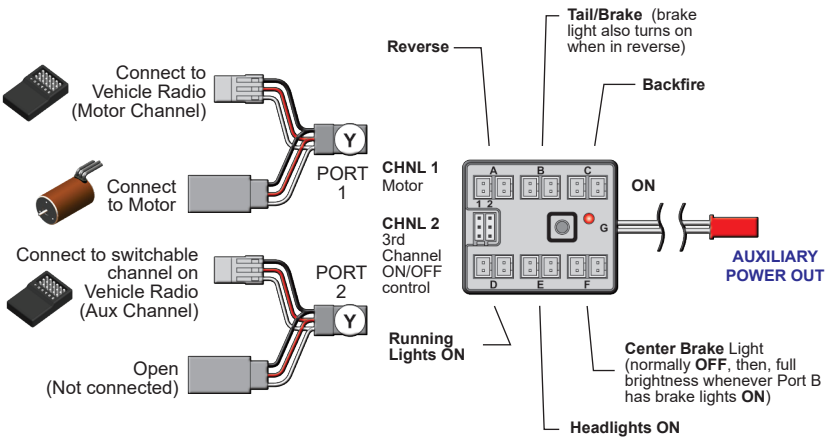




Note: **1. Hazard Lights** (All LEDs turn off except ports B & D that blink as hazard lights after 20 sec). You can turn OFF Hazard Lights by press-and-hold the Mode Button for 3 seconds. Repeat to turn back ON.
2. ON/OFF function on 3rd Channel (including Pig Tail)

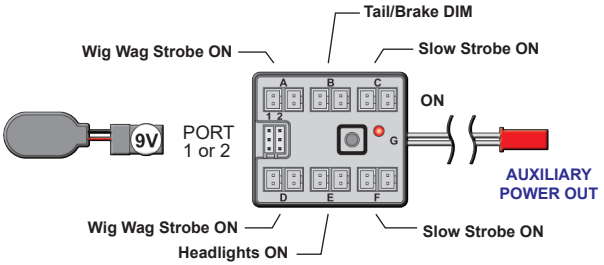
MODE 6 Drift (for Vehicles with Backfire)

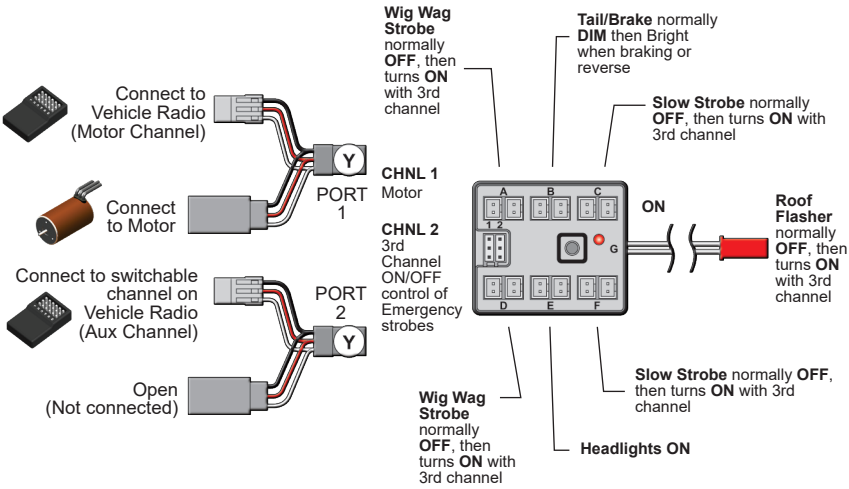




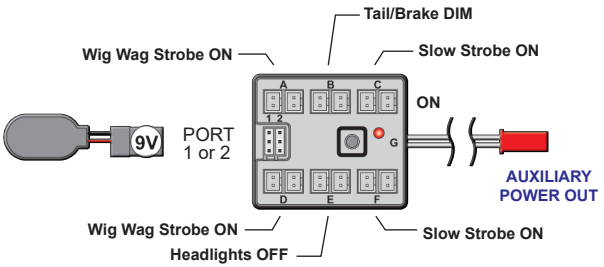
Note: **1. Hazard Lights** (All LEDs turn off except ports B & D that blink as hazard lights after 20 sec). You can turn OFF Hazard Lights by press-and-hold the Mode Button for 3 seconds. Repeat to turn back ON.
2. ON/OFF function on 3rd Channel (including Pig Tail)

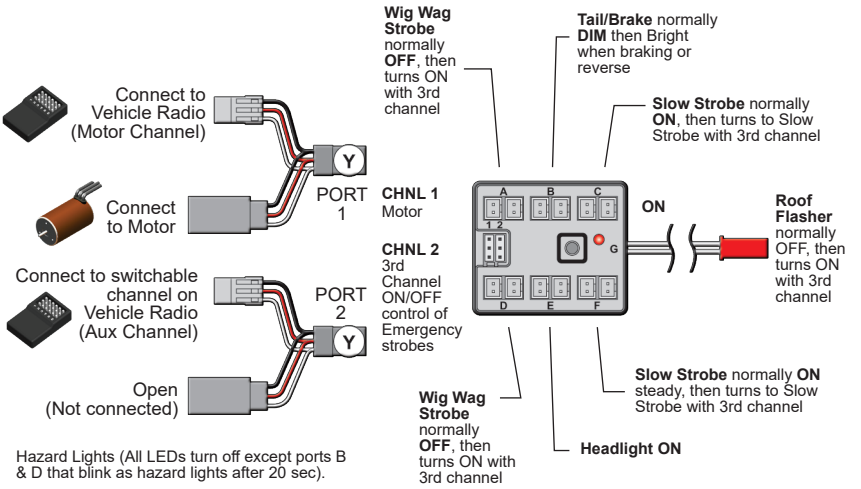
MODE 7 CHP/Police/Utility (Headlights normally OFF)



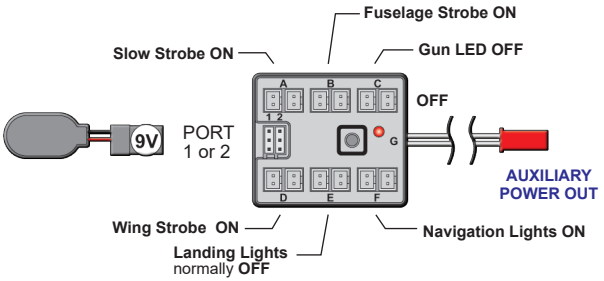


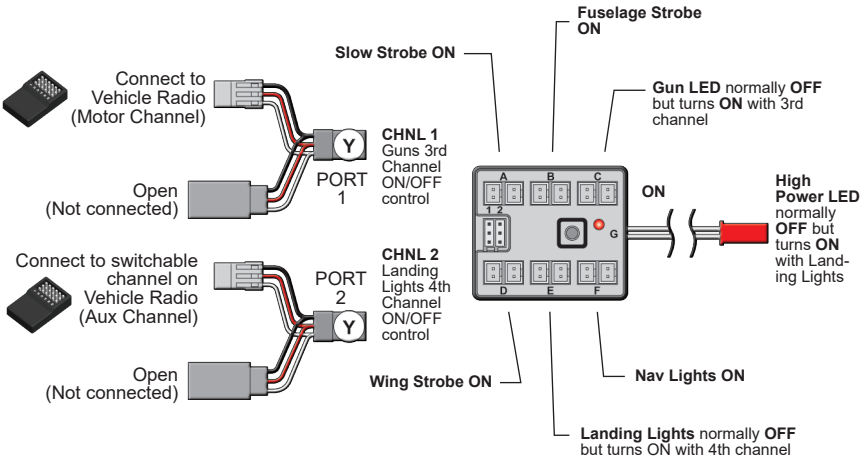
MODE 8 Fire Truck/Police (Headlights normally ON)



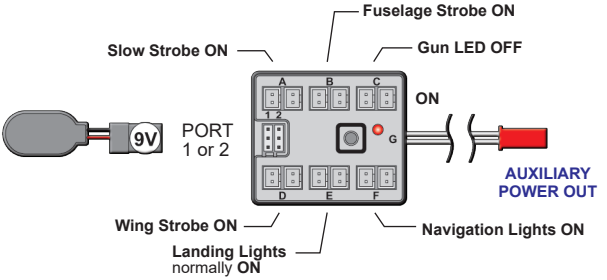


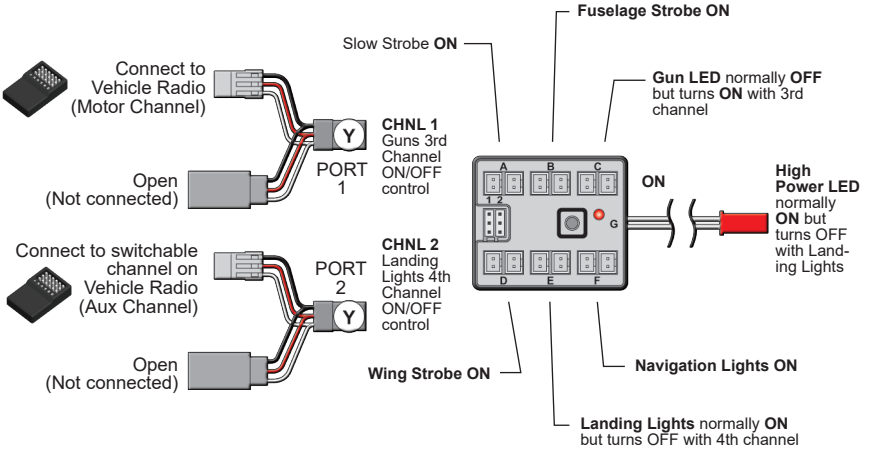
MODE 9 Aircraft 1 (with Landing Lights normally OFF)



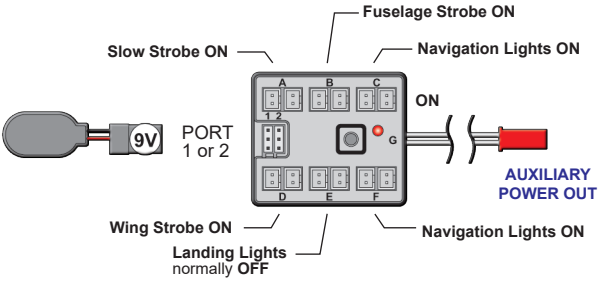


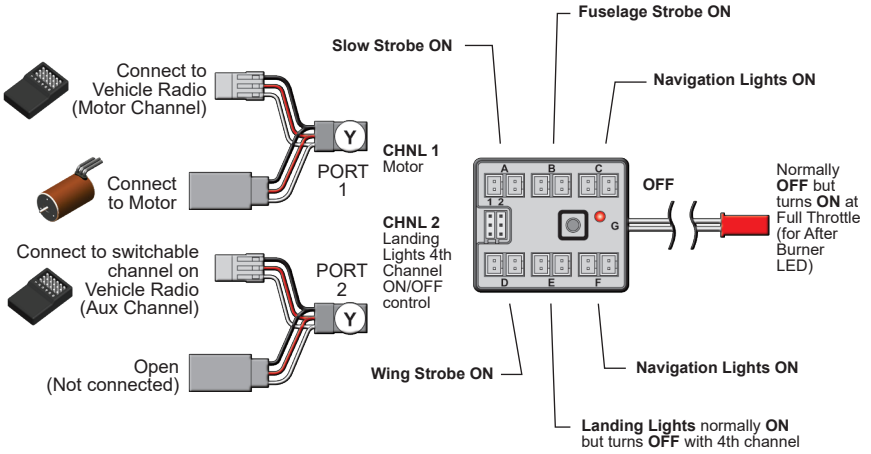
MODE 10 Aircraft 2 (with Landing Lights normally ON)



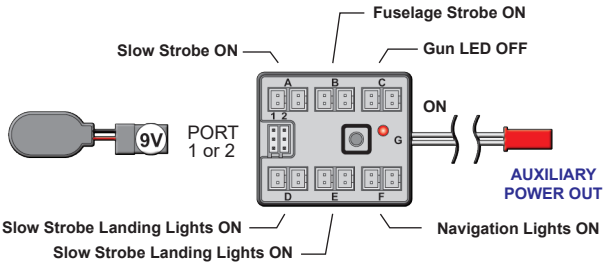


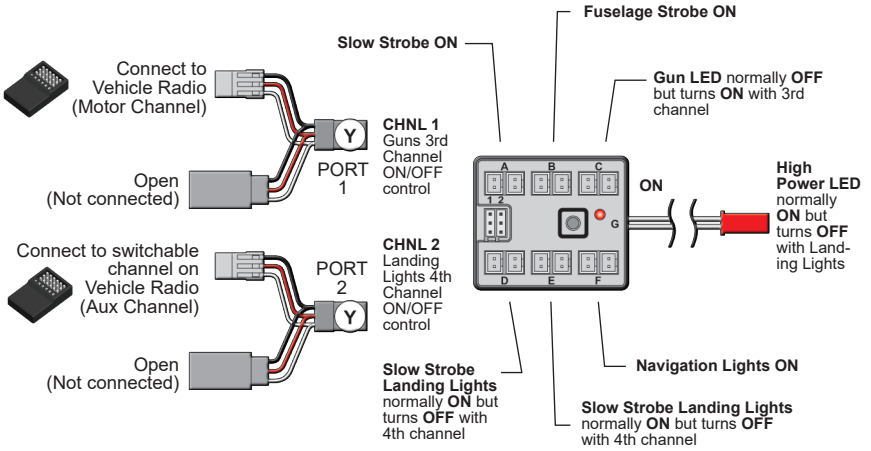
MODE 11 Fighter Jet (with After Burner)



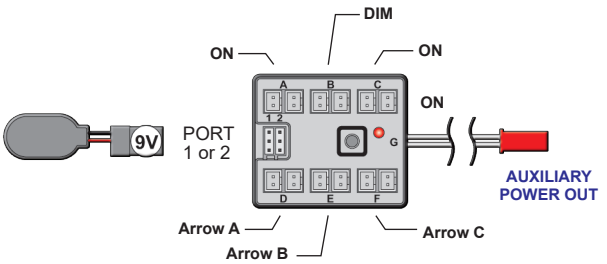


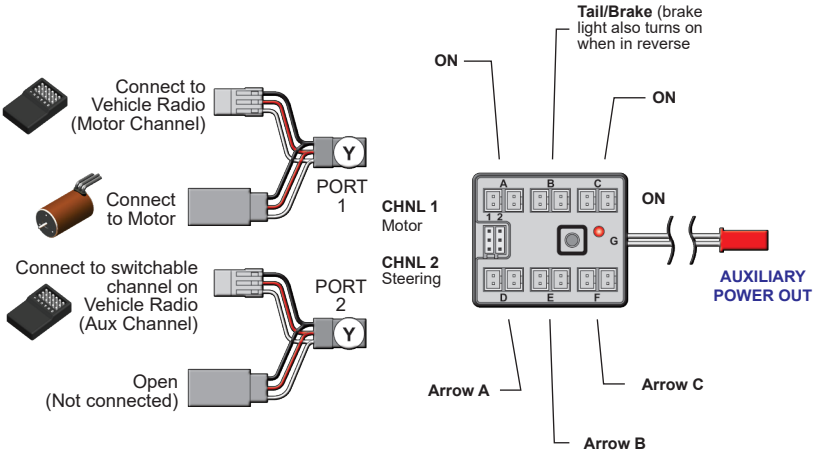
MODE 12 War Bird (with Slow WIG WAG Landing Lights)





MODE 13 Trailer





Note: **ON/OFF** control of Ports D, E, F, and Pigtail. (For Arrow Trailers or Work Light Trailers.)

TROUBLE SHOOTING

Q: Power cables are connected but lights aren't turning on.
A: First, double check your power cables and make sure orientations at the radio and UF7B are correct. If still not working press the mode button, you may be in Mode 0 (ALL OFF). If you are in a mode that uses 2 Y-cables, make sure both of them are plugged in the correct orientation.

Q: My controller was working fine but suddenly it stopped working.
A: Double check your power cables and make sure orientations at the radio and UF7B are correct. This is a common problem and most likely it's plugged into UF7B backwards. If you are in a mode that uses 2 Y-cables, make sure both of them are plugged in the correct orientation

Q: When I drive straight the turn signal is on.
A: You must adjust your steering linkage. You may have trimmed the steering to make the car go straight, but your linkage is the problem here. Readjust linkage, then re-trim your radio then the turn signal should shut off.

Q: My controller is working fine except the switched function (turn signals, brake lights, aircraft landing lights, or police flashers) are not switching on/off.
A: Be sure your Y-Cable is plugged into the correct port on your radio.

For additional trouble shooting visit www.MyTrickRC.com and select the SUPPORT tab.