

# Night Radian Remote R/C Light Controller

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This R/C Remote light controller interface controls the 3 buttons in the Night Radian light controller. It also hooks into the +5Volt supply to the Radian light controller which allows you to turn off the light completely.

All this is done with two (2) spare TX/RC channels. Channel #1 is on a 2 position (preferably momentary) switch and Channel #2 is on a 3 position switch.

## **FUNCTIONS**

With the 3 position switch you choose which button you wish to operate. With the 2 position switch quickly (less than 1 second) toggling between positions will activate that chosen button.

The 3 positions are:

|         |       |
|---------|-------|
| UP=     | Mode+ |
| CENTER= | Speed |
| DOWN=   | Mode- |

If at any time you wish to turn the lights completely 'OFF" or 'ON" then use the 2 position switch but toggle slowly (more than 3 seconds). Each time you slowly toggle the 2 position switch the lights will go 'OFF" then 'ON' then 'OFF' etc.

If only one (1) channel is available it should be connected to CH #1 on the RLC Controller PCB.

This will allow you to only control the Mode+ button to cycle through all the Modes with a quick toggle of the 2 position switch.

You can still turn the entire lights 'OFF' and 'ON'

## **SWITCH PULSE TIMING POSITIONS**

### Channel #1

|      |           |         |
|------|-----------|---------|
| UP   | =Inactive | =1000us |
| Down | =Active   | =2000us |

### Channel #2

|        |         |         |
|--------|---------|---------|
| UP     | =Active | =1000us |
| Center | =Active | =1500us |
| Down   | =Active | =2000us |

