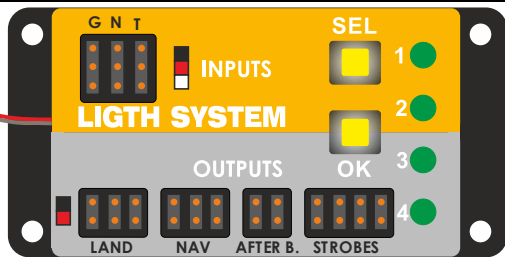


## Light System Instruction manual



POWER IN

### Features:

Size: 65mm x 30mm x 15mm.

Weight: 26 g.

Maximum total power: 26 A

Voltage from RX: 3.0 v to 8.4 v

Voltage range at Power in: 3.0 v to 8.4 v

Output voltage: same as the battery voltage

### Inputs:

**G:** Landing gear input. Usually connected parallel or “Y” to landing gear channel to control the Landing Lights

**N:** Navigation Lights, Connect this to a separate channel to turn them on and off or leave it unplug and the navigation lights will turn on when the RX is powered on.

**T:** Throttle, It controls the after burners. (The stick position can be programmed). Each port can handle 1A. Each port makes a slightly different sequence.

### Outputs:

**LAND:** Landing Lights, Can handle a total of 10 A, the turn on and off can be reversed from program.

**NAV: Navigation Lights,** They can be turned on and off by the “N” input or they will remain on when the RX is on, the on position can be reversed (10 A maximum).

**AFTER B:** After burner Lights. Two independent ports, each can handle 1 A

**STROBES:** Four independent ports and four different sequences can be programmed, each port can handle 1 A.

### Recommended port assignation:

Port 1: Right wing strobe. (White or green).

Port 2: Left wing strobe. (White or red).

Port 3: Rudder Strobe. (White).

Port 4: Engine running Strobe. (Red, normally at the airplane belly).

### Sequences:

Sequence 1:

Flash1, Off 2, Off 3, Off 4.

Off 1, Flash 2, Off 3, Off 4.

Off 1, Off 2, Flash 3, Off 4.

Sequence 2:

Flash 1, Flash 2, Off 3, Off 4.

Off 1, Off 2, Flash 3, Off 4.

Sequence 3:

Flash 1, Off 2, Off 3, Off 4.

Off 1, Off 2, Off 3, Flash 4.

Off 1, Off 2, Flash 3, Off 4.

Off 1, Flash 2, Off 3, Off 4.

Sequence 4:

Flash 1, Off 2, Off 3, Flash 4.

Off 1, Flash 2, Flash 3, Off 4.

### PROGRAMING:

To enter programming mode turn off the receiver, keep both buttons pressed and turn on the receiver and release both buttons at the same time, you need at least one input connected to a receiver channel

(Be careful to release them together, if not, you may change the first program value).

Programming is done in four steps.

1- LED #1 on is for reversing the "G" input, here you program when the landing lights get on and of Normal position is when no other LED is on and Reverse is when LED #4 is on

Press "OK" button to reverse it

To go to next program step press "SEL".

2- LED #2 on is for reversing "N" input, here you program the on and of position of the navigation lights

Follow the same procedure from step one

If you don't have any channel connected to this input, the navigation lights will automatically go on when you power up the receiver.

3- LED #3 on is for programming the "T" Input, to choose the exact point you want the after burner light go on, move the throttle stick to the desire position and press "OK".

To go to next program step press "SEL"

4- Last step is for program the strobe sequence, you will see all the LEDs showing the selected sequence, to change sequence press "OK"

Pressing "SEL" will bring you back to step 1-

To get out of programming simply turn the system off (Not in all sequences all the LED will light, some sequences will only light 3 LED)

#### **LED recommendations:**

Luxeon series LED from 1W to 3W

Recommended resistors for 7.4 voltage batteries

1W Led Luxeon - 33R 1W. Resistor

3W Led Luxeon - 22R 3W. Resistor

Approximate consumption:

At 8.4 Volts 1W LED= 190 mAh;

At 8.4 Volts 3W LED= 290 mAh;



# JETCENTRAL