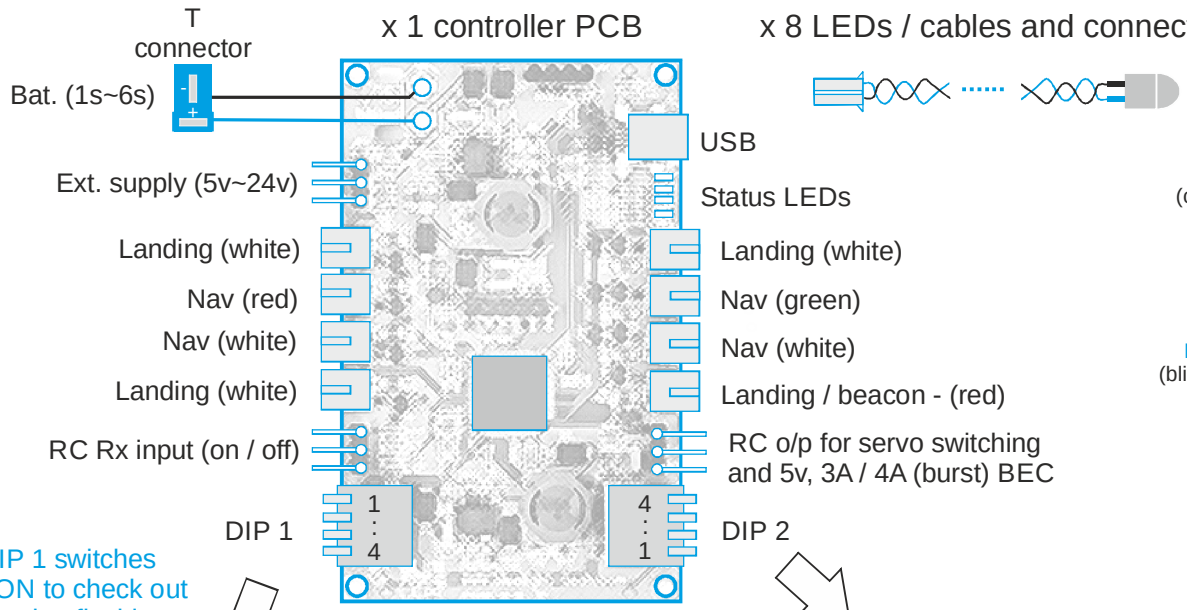
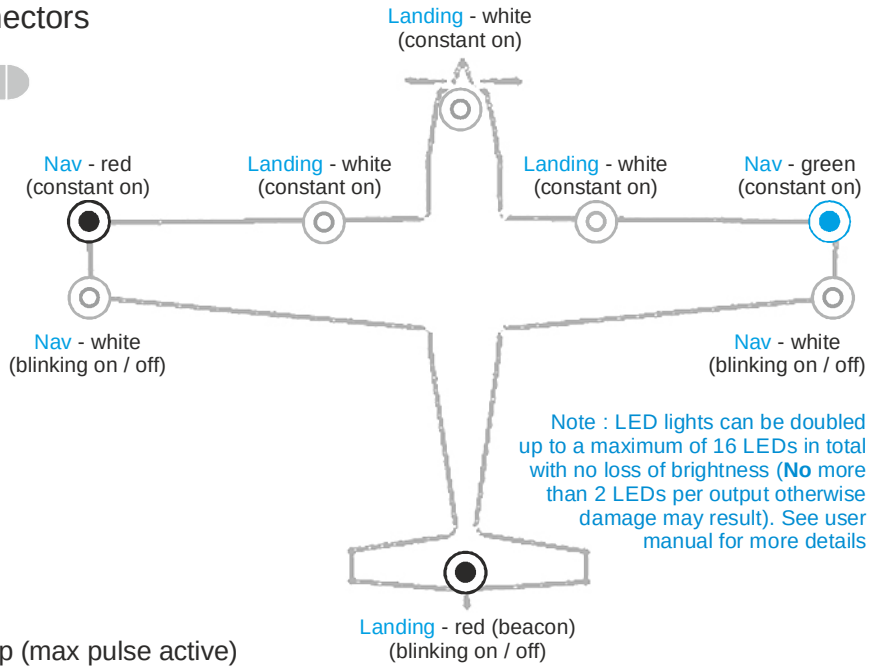
BL-NavLV Quick Start Guide - 1

1 LED Lights Connections and Programming





Note : LED lights can be doubled up to a maximum of 16 LEDs in total with no loss of brightness (**No** more than 2 LEDs per output otherwise damage may result). See user manual for more details

Set DIP 1 switches to all ON to check out the warning flashing sequence

SW 4 off : High brightness
SW 4 on : ULTRA bright

SW 1	SW 2	SW 3	Meaning
off	off	off	Low Bat Volt mode off
off	off	on	1 cell
off	on	off	2 cells
off	on	on	3 cells
on	off	off	4 cells
on	off	on	5 cells
on	on	off	6 cells
on	on	on	Low Bat test flashing

1. Select the number of cells if you want the warning flashing sequence to happen when the voltage falls below a safe level

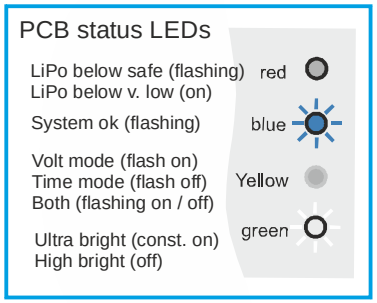
3. Select values for both to activate on whichever one happens first

SW 4 off : RC o/p and i/p (max pulse active)
SW 4 on : RC o/p and i/p invert

SW 1	SW 2	SW 3	Meaning
off	off	off	Low time mode off
off	off	on	10 minutes
off	on	off	15 minutes
off	on	on	20 minutes
on	off	off	30 minutes
on	off	on	40 minutes
on	on	off	50 minutes
on	on	on	60 minutes

2. Select the time if you want the warning flashing sequence to happen after a certain time (after system power up)

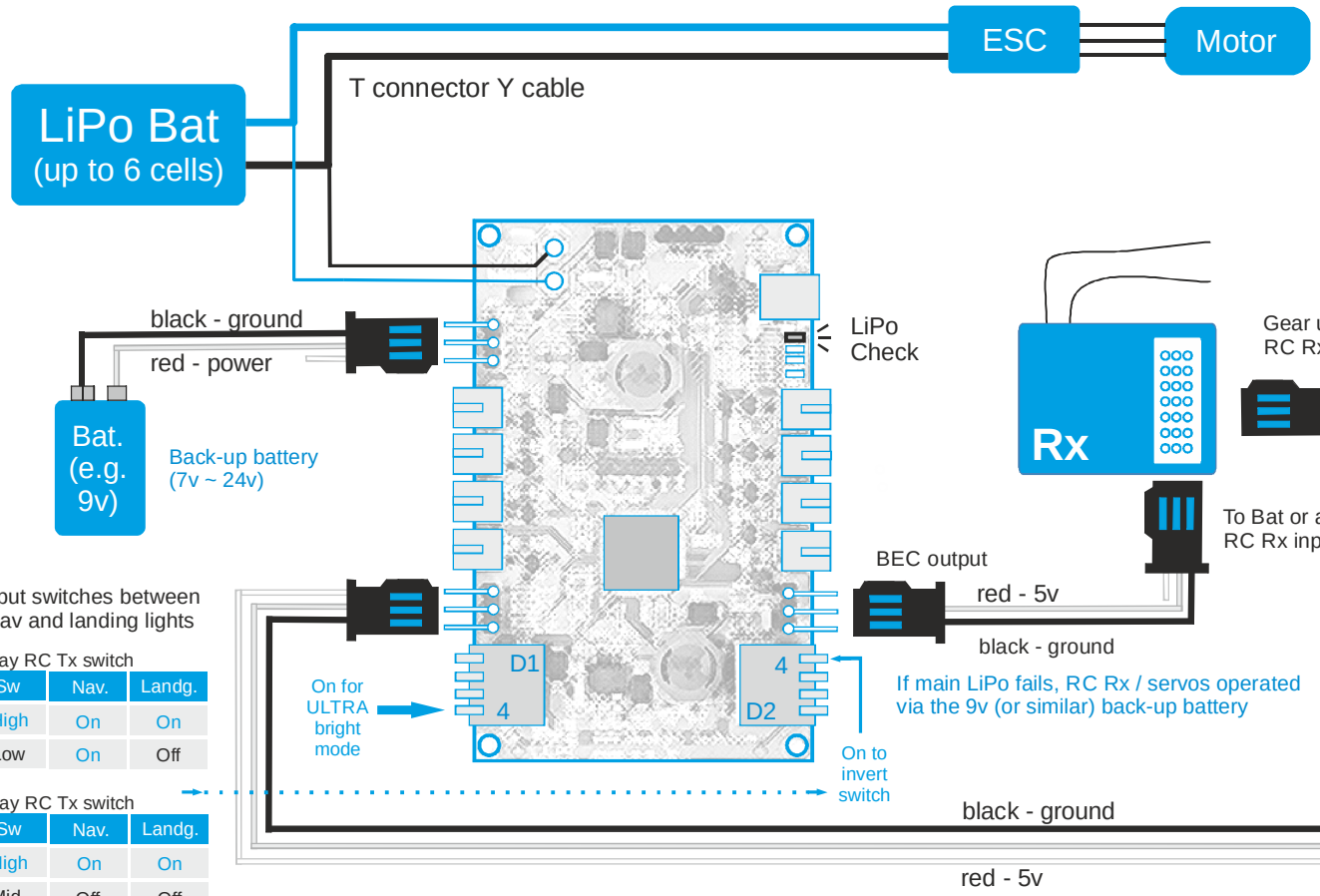
PCB status LEDs

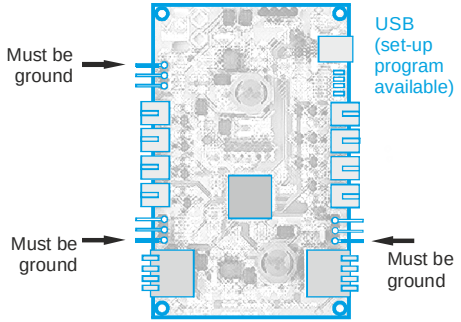


★ See www.bluelight-tech.com for full User Manual
(+ optional PC tool)

BL-NavLV Quick Start Guide - 2

2 Battery Connections (example set-up)





Input switches between Nav and landing lights

2 way RC Tx switch

Sw	Nav.	Landg.
High	On	On
Low	On	Off

3 way RC Tx switch

Sw	Nav.	Landg.
High	On	On
Mid	Off	Off
Low	On	Off

Note 1 : Ground (black) wires on the 3 pin connectors **MUST BE** on the outside edges of the BL-NavLV PCB
Note 2 : You will need to make your own connection cables, depending on specific requirements and battery connectors you use

★ See www.bluelight-tech.com for full User Manual

★ PCB Red LED ***on*** or ***flashing***? Don't fly the attached LiPo !

3 Simple LED Lights Only

1. If you only want to use the LED lights function you can simply connect one of these input power sources to the BL-NavLV PCB:

   ● Battery to the T connector ● Battery to Ext supply ● 5v supply to the RC Rx input ● 5v supply to the RC o/p

2. Then set the DIP switches (D1 and D2) to ALL off, or D1 SW4 ***on*** for ***ULTRA bright*** mode.

★ Free PC tool is available for advanced features