

G.T.POWER[®]

4^{PROFESSIONAL} CHANNELLED
LIGHTING SYSTEM

OPERATING MANUAL

Thank you for purchasing our product which is one of the most advanced item in R/C market. The flashing mode, simulated turn signal, backward light, break light can bring you real driving fun. It is easy to assemble and operate, it is the best choice of most of the R/C car amateurs. To reach your ideal effect, please read the instruction manual carefully. We believe your car will be a beautiful scene on your track with our product.

① Product function:

1. The simulated mode and the 7 flashing modes can be changed with the sub-board.
2. Low voltage detection.
3. Apply to all kinds of large trucks and cars.

② Product list:

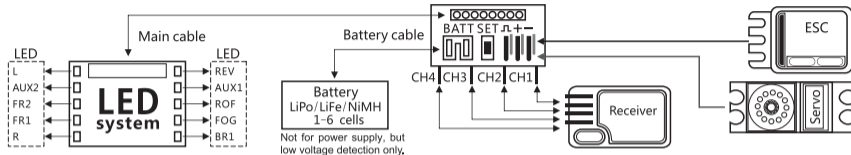
1. Main board*1(install on the car body).
2. Sub-board *1(install on the chassis).
3. Main cable *1(connect the main board and sub-board).
4. Balance Cable *1(connect 2s battery).
5. Buzzer cable *1(the port is AUX2,need to set when use it).
6. 5mm white light x3 、 5mm red light x1、 3mm white light x2 、 3mm yellow light x2.
7. Instruction x1pc.

③ Product specification:

1. Input voltage : 5V
2. Max working current : 800mA
3. Cable length : 50cm
4. Dimension: Main board 35*31mm sub-board 23*15mm
5. Weight: 70g

4 Product installation:

Please make sure the polarity of the connector is correct before installation or it will damage the lighting sets.



Lamp-socket instruction:

L: Turn left light AUX1: front light (small) FR2: head light2 Fr1: head light1 R: right turn light
 Br1: brake light AUX2: back light (small) FOG: fog light ROF: top light REV: backing-up light











5 Channel input and LED function

Start to use:

1. connect all input channels which you need before power on ESC
2. power on ESC, the BR1 of the LED system will flash for around 10 sec (Ch1 CH2 will AUTO-CALIBRATE), and then please keep all the channels in NEUTRAL position until to the Br1 stop flashing. All the functions of this LED system will run normally when you operate it according to the above step.

Channel input	Function	Output	Details
Channel 1	Turn signal	L , R	Left and right turn light
Channel 2	Throttle	BR1 , REV	Brake light will 100% lighting when braking, otherwise it will keep in the setting state
			Back-up light When TH stop to use about 10 senconds,(it will show Auto Hazard state)
Channel 3	For the switch, need to set up when operate	FR1 , FR2	Head light 1、 Head light 2
		ROF	Top light
		FOG	Fog light
		L , R	Operate Auto Hazard by manual
Channel 4	Manual operation change function	BR1\ROFAUX1\AUX2	Keep the lights bright cyclic by manual to meet the requirement of the lights when movement
		FR1 , FR2	
		FOG	

⑥ Battery type and low voltage detective values:

  Battery Type				
Low Voltage Detect	LiPo 2S	LiPo 3S	LiFe 2S	LiFe 3S
 Low	6.2V	9.3V	4.2V	6.3V
 Middle	6.8V	10.2V	5.0V	7.5V
 High	7.6V	11.4V	5.4V	8.1V
 User define				

SPECIAL INSTRUCTION: The discharged battery should be connected, when customers set to the low voltage. (The battery voltage value will be record as the low voltage detection value, and then do not need to set the type of battery)

LOW VOLTAGE ALARMING: When the voltage is lower than the lowest setting voltage, all the LED will flash together and then LED will not be controlled by the remote control and keys. If AUX2 set as buzzer port and connect to the buzzer, then the buzzer will alarm when the voltage is over low

WARNING: 1. The over high current may damage or shorten the lifespan of the LED

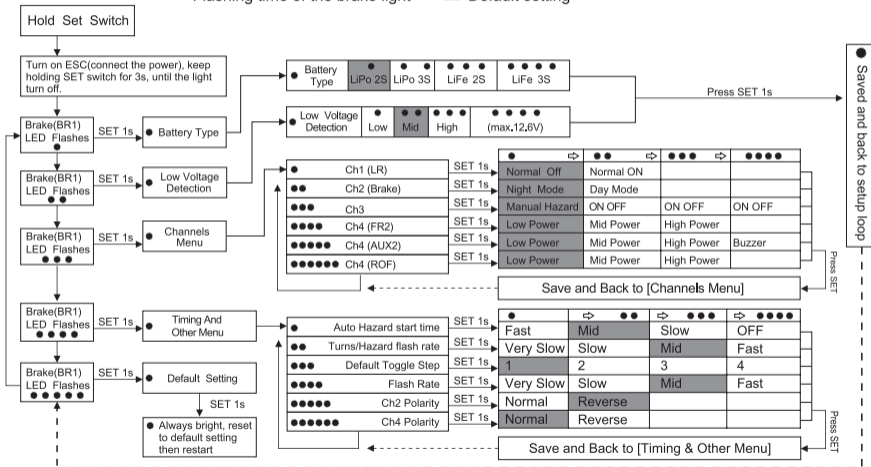
2. We recommend to use a 3A/UBEC at least if select the high power option.

INSTRUCTION:

POWER	LOW	MIDDLE	HIGH
OUTPUT CURRENT	40mA	80mA	160mA
LED	2pcs	4pcs	8pcs

7 Mode setting: (Note: all the setting can be used normally after restart, also, the setting model can be exit after restart.)

- Flashing time of the brake light
- Default setting



8 Notes:

1. Please read the instruction manual carefully before installation.
2. Please do not use the power supply which the voltage is higher than the safety voltage.
3. Please do not use the unit in the rain in case of short circuit.
4. Please keep this manual for future reference.

9 Warranty and service:

We warrant this product for a period of one year from the date of purchase. During the warranty, we can replace or repair the product without any service fee due to the quality problem. But the users will be required to present proof of purchase (invoice or receipt). However, this warranty does not cover the damage due to wear, overloading, improper handling or using of incorrect accessories.

感謝您購買我公司的產品，它是目前R/C市場上最受青睞的產品之一。爆閃模式、仿真轉向燈，倒車燈，剎車燈樣樣俱全。它容易安裝，操控簡潔，深受廣大車模愛好者的喜愛。為達到你想要的效果，請仔細參閱本說明書。相信在它的相伴下，你的愛車一定會是跑道上一道亮麗的風景。

一. 產品功能：

1. 通過副板上的按鍵可以切換車燈系統的仿真模式和七種爆閃模式；
2. 帶低電壓檢測報警功能；
3. 適用於各類大型卡車和小型汽車。

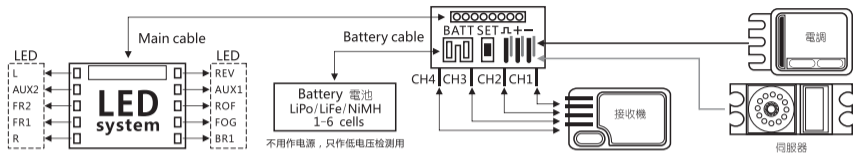
二. 產品清單：

1. 主板1個(安裝在車殼上)；
2. 副板1個(安裝在車架上)；
3. 主電綫1根(連接主板和副板)；
4. 測電壓平衡綫1根(連接2S電池)；
5. 蜂鳴器綫1根(接口為AUX2,使用時需要設定)；
6. 5mm白燈3組、5mm紅燈1組、3mm白燈2組、3mm黃燈2組；
7. 說明書1份。

三. 產品規格：

1. 輸入電壓：5.0V；
2. 最大工作電流：800mA；
3. 車燈綫長度：50cm；
4. 主板尺寸：35x31mm，副板尺寸：23x15mm；
5. 重量：70g。

四. 產品安裝：(安裝前一定要看清楚接口的極性，以防反接，否則，會損壞燈組。)



燈座說明：

L:左轉向燈; AUX2:細燈後; Fr2:頭燈2; Fr1:頭燈1; R:右轉向燈; REV:後波燈; AUX1:細燈前; ROF:頂燈; FOG:霧燈; Br1:剎車燈;

五. 頻道輸入 vs LED功能

開始使用：

開電調電源前，請先接好需要的輸入頻道，開電源時，車燈系統的BR1會閃動大概10秒（CH1·CH2頻道自動校準），這時候，請保持所有頻道的中位，直至車燈系統BR1停止閃動，按此步驟操作，車燈系統的各項功能才會正常工作。

頻道輸入	功能	輸出	功能詳細
第一頻	轉向	L、R	左右指揮燈
第二頻	油門	BR1、REV	剎車時100%亮，否則為設置狀態。 倒車燈
			自動壞車燈，油門靜止10秒鐘左右。
第三頻	開關制 需要設置	FR1、FR2	頭燈1、頭燈2
		ROF	頂燈
		FOG	霧燈
		L、R	手動開啓壞車燈
第四頻	手動切換功能	BR1、ROF、AUX1、AUX2	手動控制三組車燈循環點亮，滿足運動中對燈組的需求
		FR1、FR2	
		FOG	

六. 電池類別和低電壓檢測值：

● ● ● 電池類別	●	● ●	● ● ●	● ● ● ●
低電壓檢測	LiPo 2S	LiPo 3S	LiFe 2S	LiFe 3S
● 低	6.2V	9.3V	4.2V	6.3V
● ● 中	6.8V	10.2V	5.0V	7.5V
● ● ● 高	7.6V	11.4V	5.4V	8.1V
● ● ● ● 自訂				

特別說明：

客戶自定低電壓時需要接上已經放了電的電池（已經放了電的電池的電壓值會被記錄用作低電壓檢測值，這時不再需要設定電池的類型）廠家強烈推薦用戶採用此方法設定低電壓檢測值。

低電壓報警：

當電壓低於設置的最低電壓時，所有的LED會一起閃動，此時LED已經不受遙控器和按鍵控制。如果用戶設置AUX2接口為蜂鳴器插口，並且接上了蜂鳴器的話，那麼電壓過低時蜂鳴器會發生鳴叫。

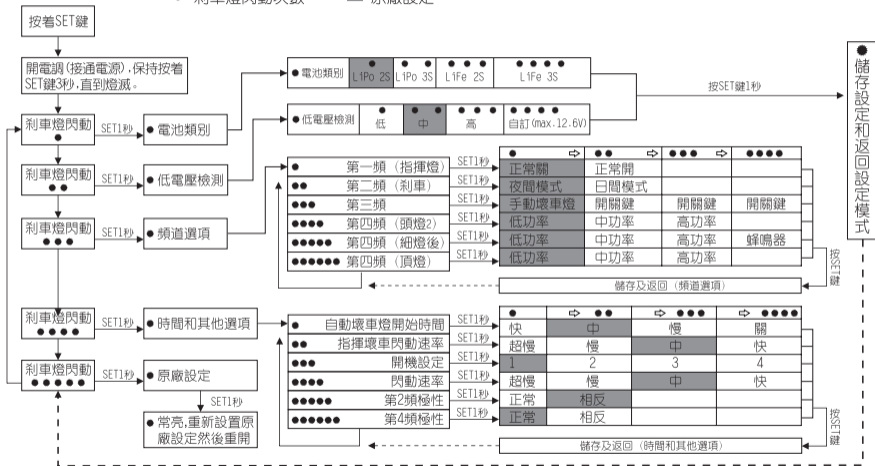
警告：使用過高電流會損壞或縮短LED的壽命。如果使用高功率選項，建議使用最少3A/UBEC。

說明：

功率	低	中	高
輸出電流	40 mA	80 mA	160 mA
LED	2 pcs	4 pcs	8 pcs

七. 模式設定：(注意：所有設定需要斷電重啓後才能正常使用，也祇有斷電重啓後才能退出設定模式。)

- 剎車燈閃動次數
- 原廠設定



八. 注意事項:

1. 請仔細閱讀完本說明書后再安裝產品。
2. 請不要使用超過安全電壓的電源。
3. 請不要在雨中使用本產品，以免短路。
4. 請妥善保管本說明書，以便隨時查閱。

九. 保修條款:

我們對所購買的產品質量保1年（12個月），自購買之日起。這個質保只適用於產品在購買后出現產品質量問題。在產品保修期間，只要你憑借購買憑證（發票或收據）一切有質量問題的產品都可以免費維修或更換。但由于磨損、超負荷，人為操作不當或者配件的錯誤使用所造成的損壞，則不予以免費維修或替換。

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