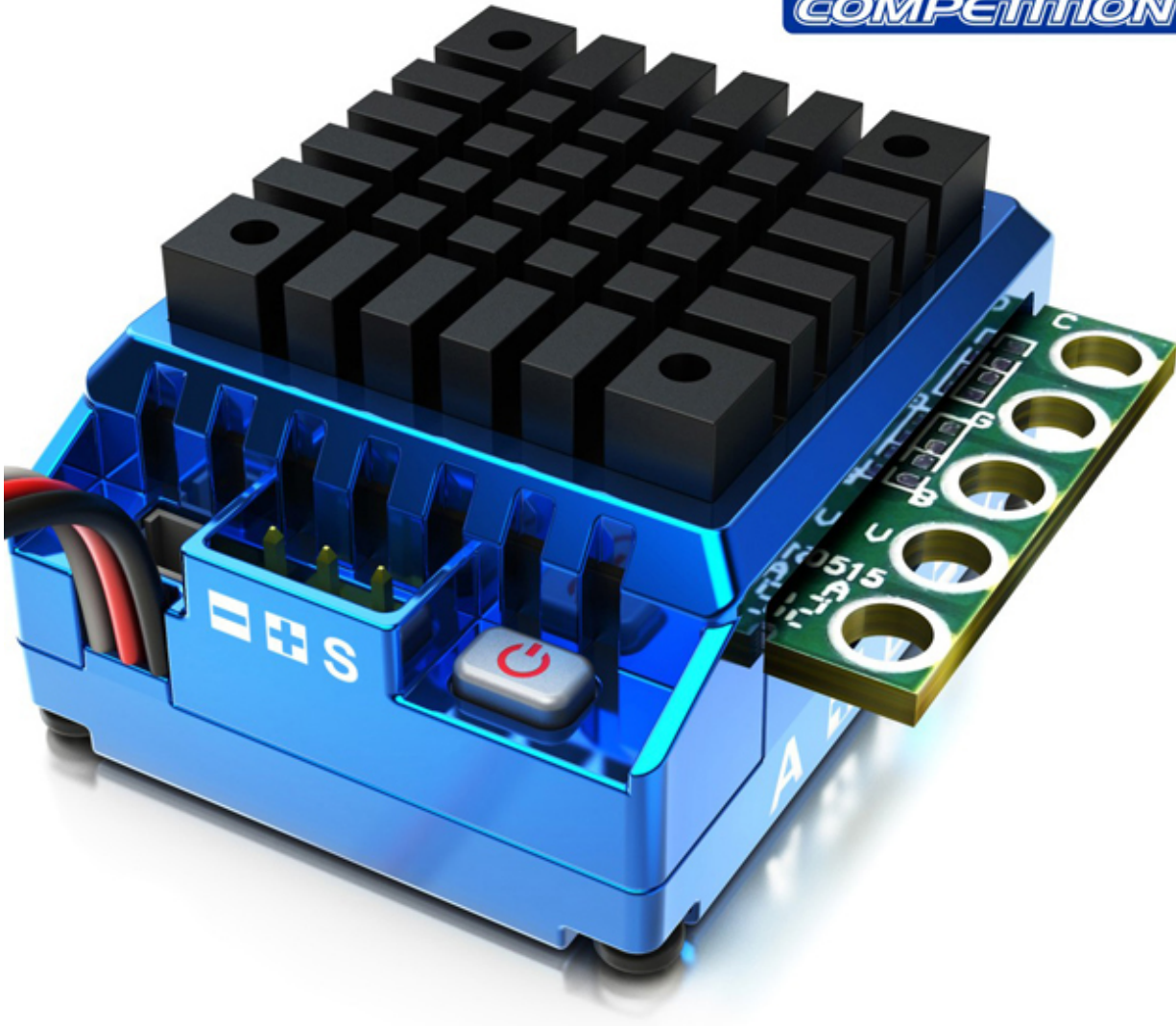


TS 120A Electronic Speed Controller (SK-300044-01)

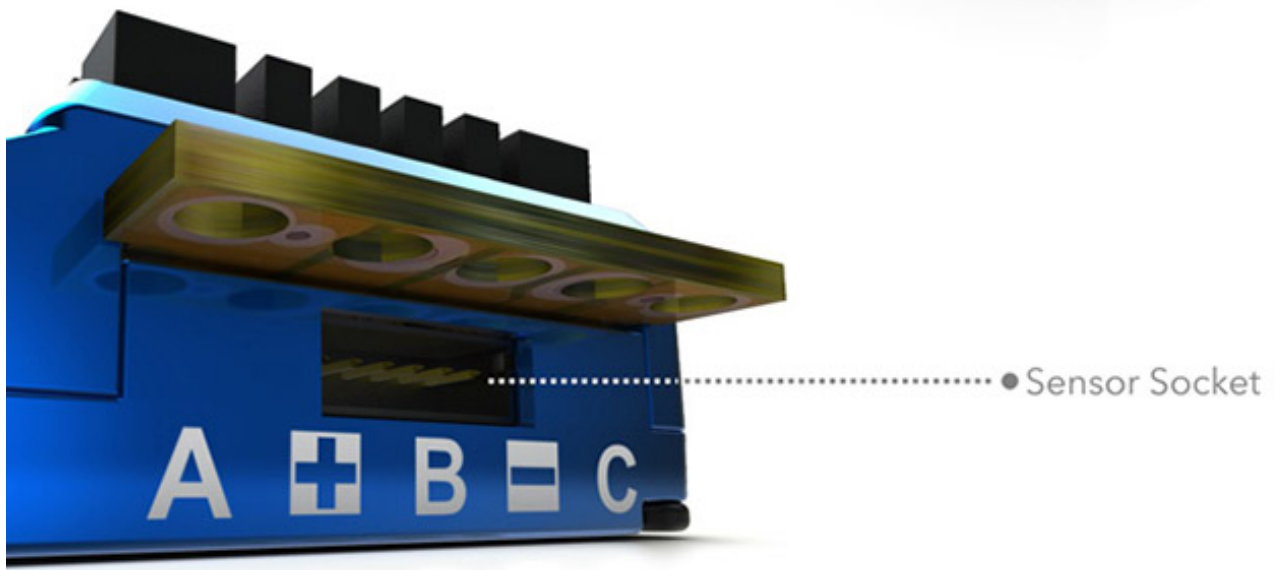
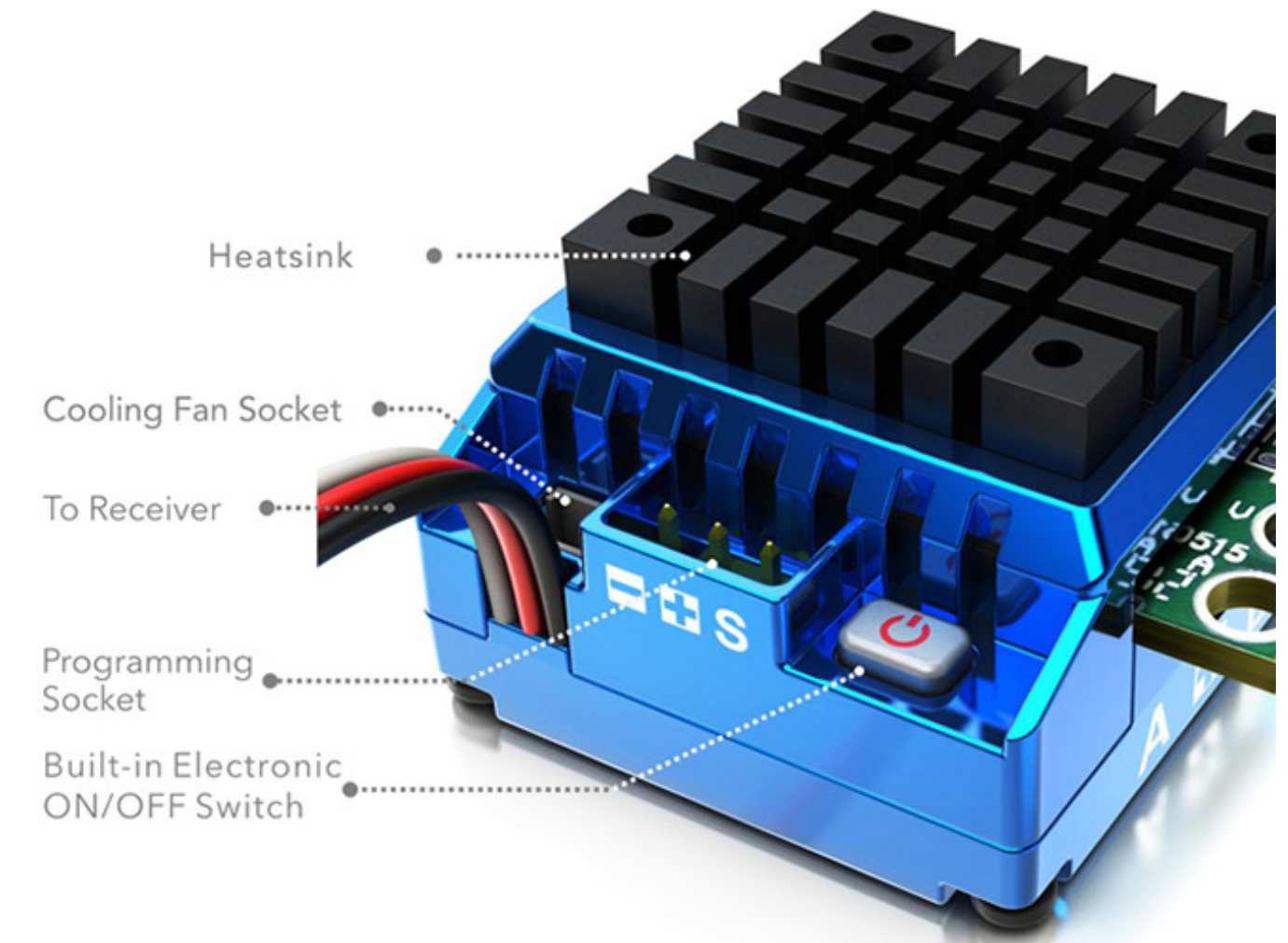
TS120
COMPETITION



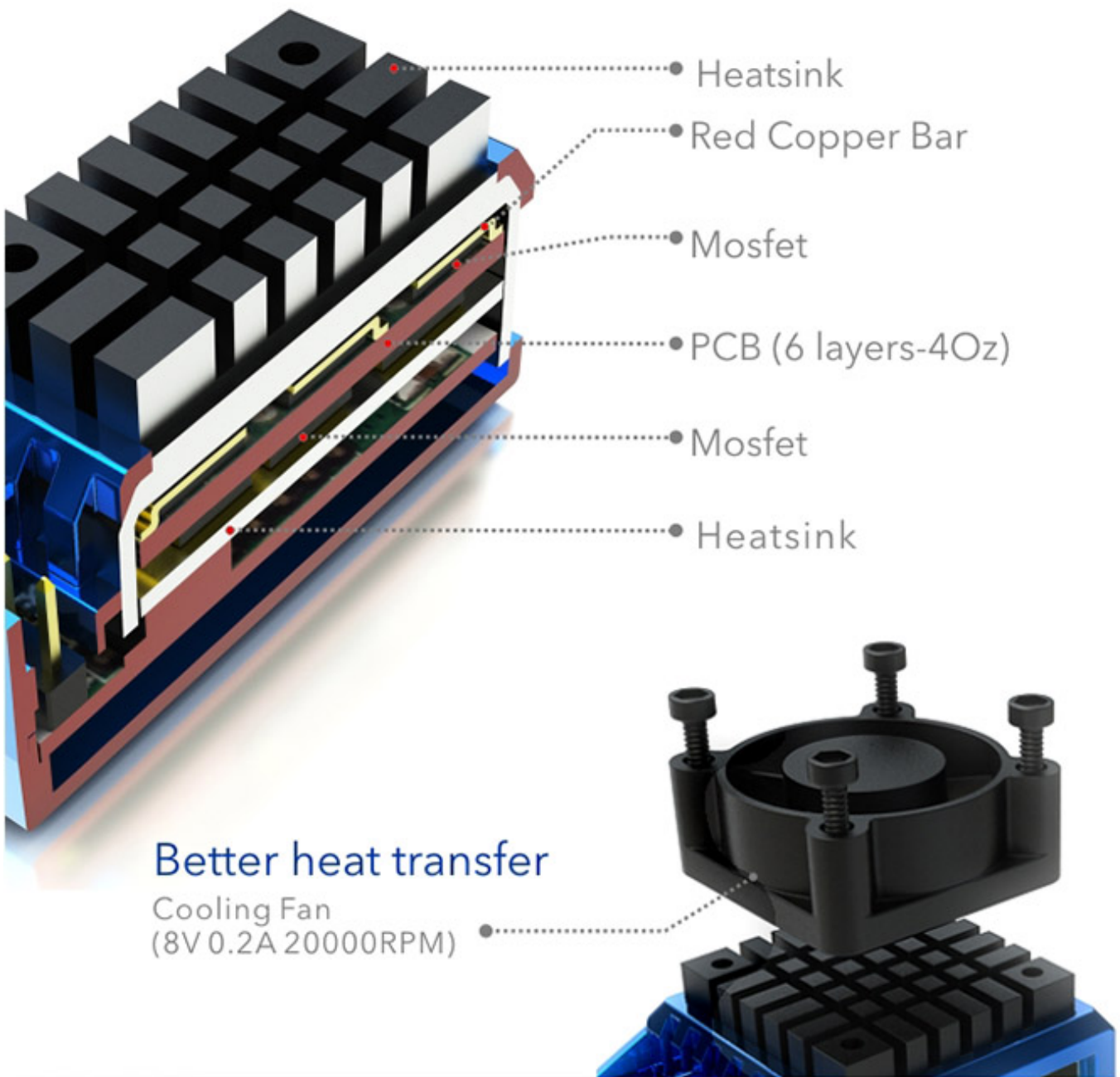
TS120A Advanced Timing System

Toro TS 120A ESC for 1/10th Scale Car is designed for the use with 2S to 3S LiPo battery packs, has a 3.5T motor limit and features a 6V/3A BEC system. This feature does away with the need to use a separate receiver battery pack.





Less Resistance, Less Heat, More Efficiency



10 User Modifiable Profiles

The users could set and store 10 sets of profiles in the ESC. These data could be called out at any time without any special program setting. All the setting can be exported or imported so that the user could compare and analyze.



Safety Features



Low voltage protection
Motor and ESC overheat protection
Signal lost protection

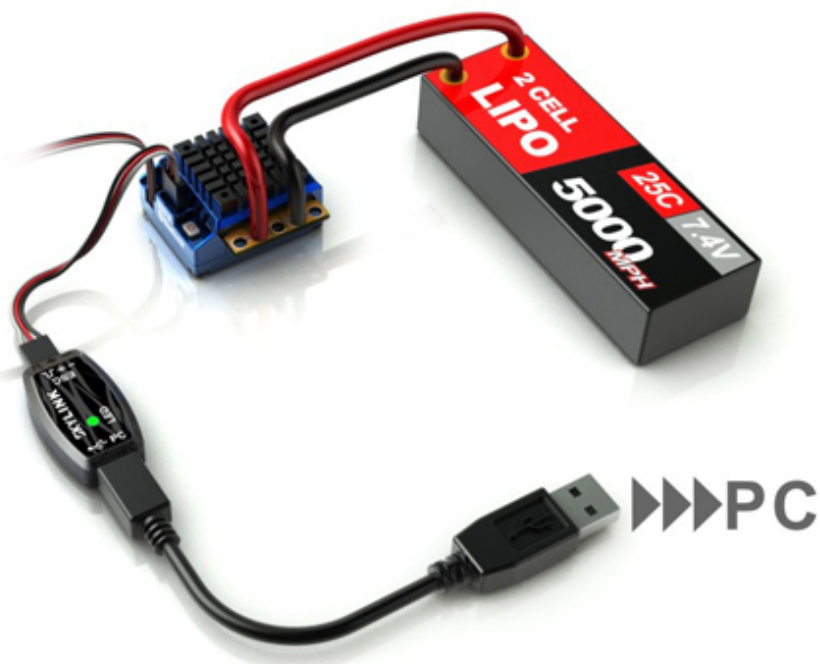
Firmware Update

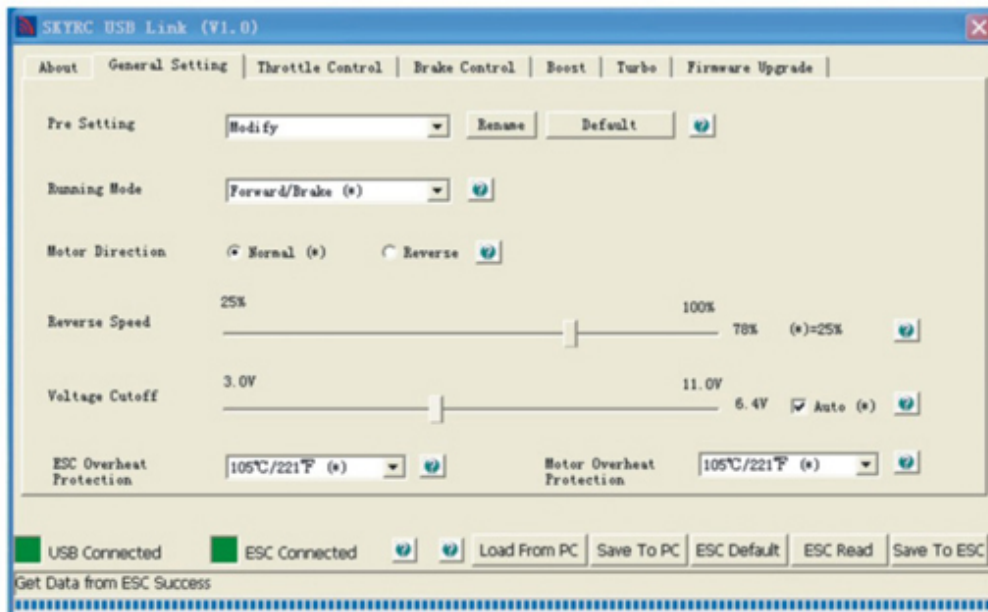
The firmware can be updated by connecting the ESC to a PC or a smart phone.



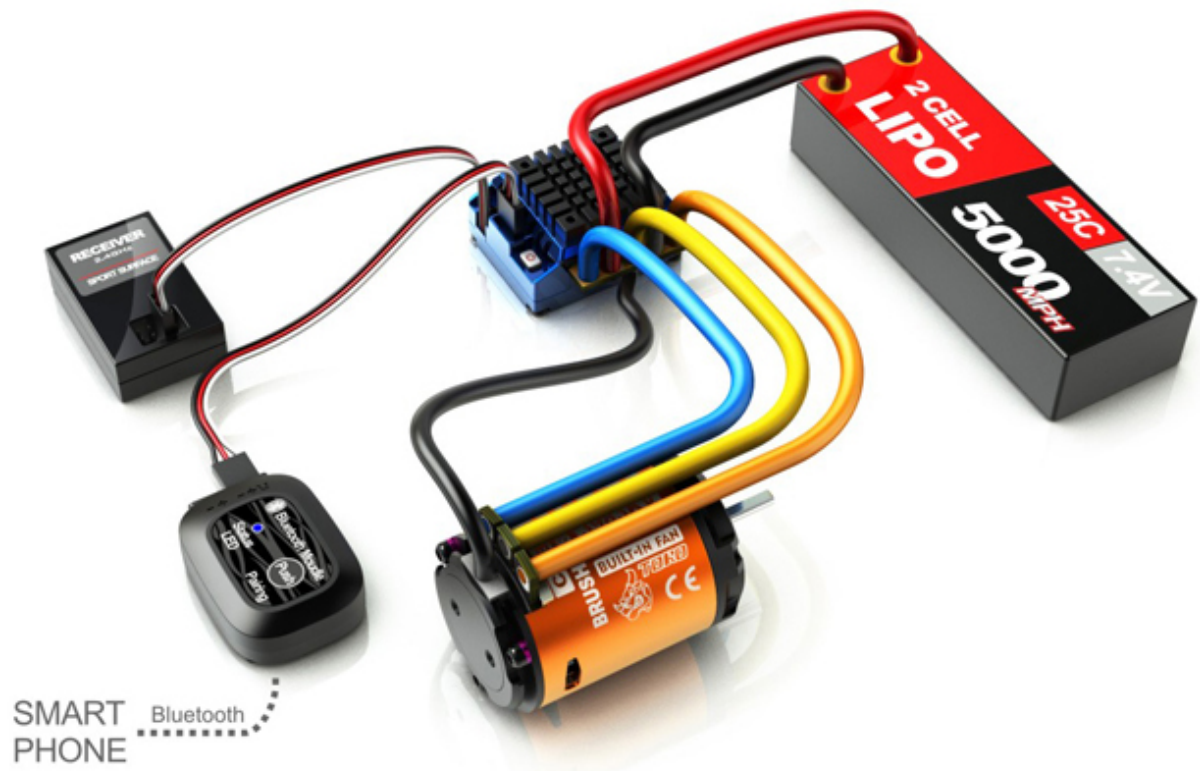
Programming Methods

The ESC can be programmed with a PC connected with SKYLINK (SK-600013)





The ESC can be programmed with a smart phone via Bluetooth Module (SK-600058)



The ESC can be programmed with the PROGBOX (SK-600046)



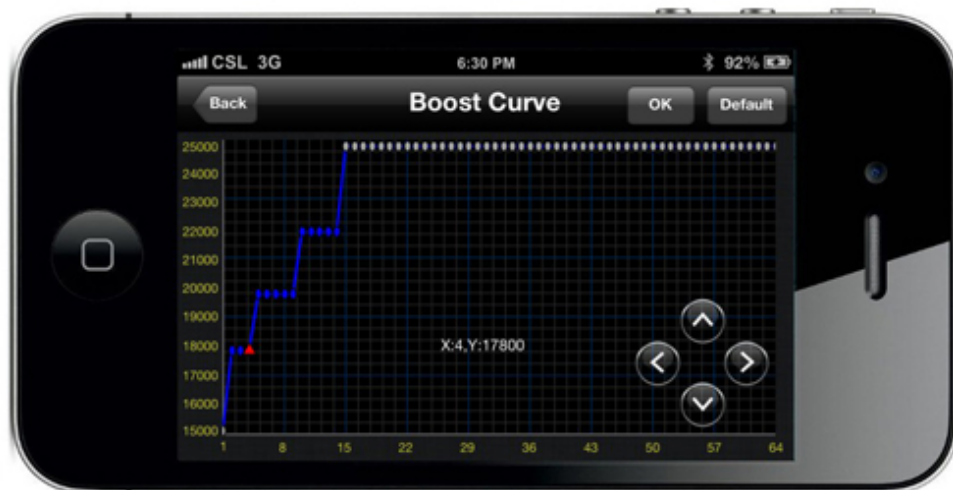
Precise Programmable Items

Advanced Timing System

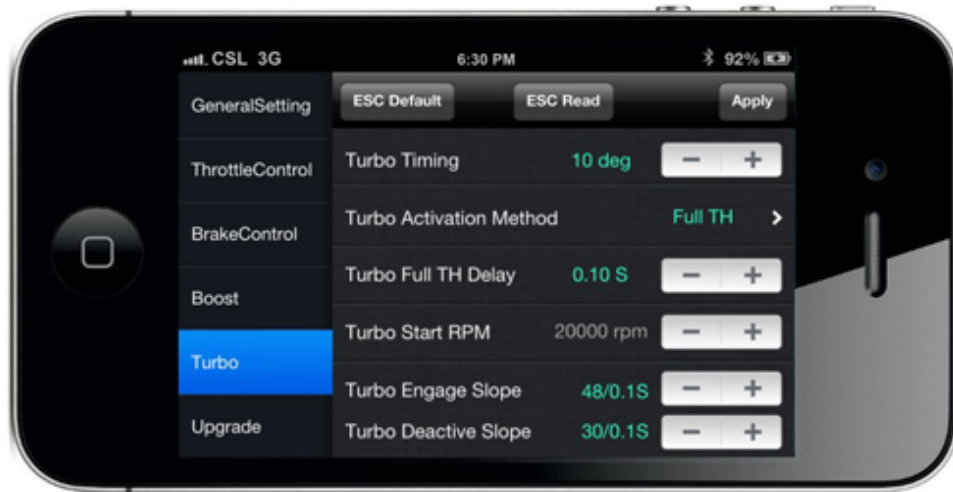
Users could set the turbo and boost timing which can improve the motor RPM to get its best performance.



Boost Timing Setting



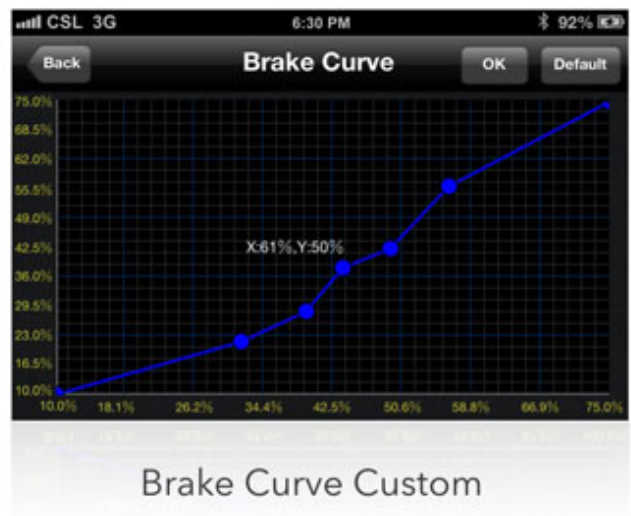
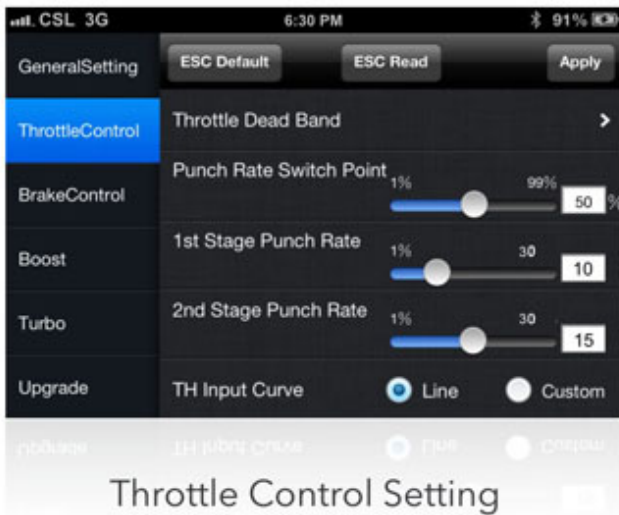
Boost Curve Custom



Turbo Timing Setting

Well-performed Throttle and Brake Control Function

Users could set the punch/brake control rate by point or customize the throttle/brake curve by themselves, and different customers' request for linear and power all can be met.



TECHNISCHE DATEN

Constant/Burst Current
Motors
Cars

Motor Limits

Resistance

120A / 760A

Sensor & Sensorless Brushless Motors

1/10 and 1/12 Buggy & Truck

1/10 and 1/8 Crawlers



5-6S NiMH or 2S LiPo: $\geq 3.5T$ (1/10 Buggy), $\geq 5.5T$ (1/10 Truck)

8-9S NiMH or 3S LiPo: $\geq 5.5T$ (1/10 Buggy), $\geq 8.5T$ (1/10 Truck)

0.0003 Ohm

| | |
|--------------------|------------------------|
| Battery Cell Count | 4-9S NiMH or 2-3S LiPo |
| BEC Output | 6V 3A, Linear |
| Fan | 5V 0.2A, Max. 12.6V |
| Weight | 45g (without wires) |
| Dimensions (LxWxH) | 39x38x20mm |

DOWNLOADS

-  [SkyRC Toro TS120A \[SK300044\] Manual \(643.3 KB\)](#)
-  [SkyRC_UsbLink_V1.07.zip \(1.1 MB\)](#)