

# REVENTON

LEADING INNOVATIVE BRUSHLESS SYSTEM

## WIRELESS BLUETOOTH UNIT



Compatible With:

Android Phone  
Android Tablet  
Android Pad

*\* Plastic Case Is Included*

# USER MANUAL

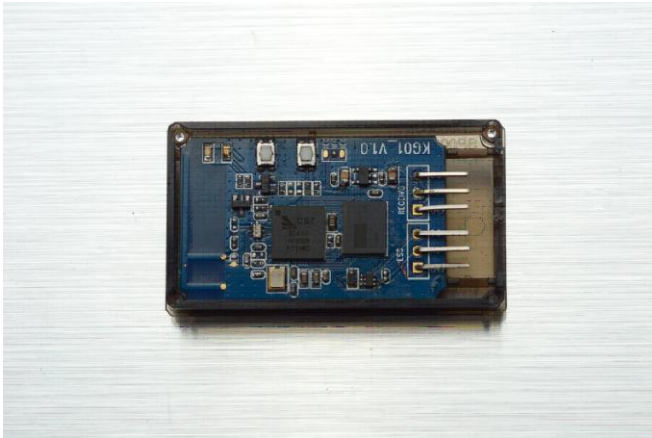
[WWW.SPEEDPASSION.NET](http://WWW.SPEEDPASSION.NET)

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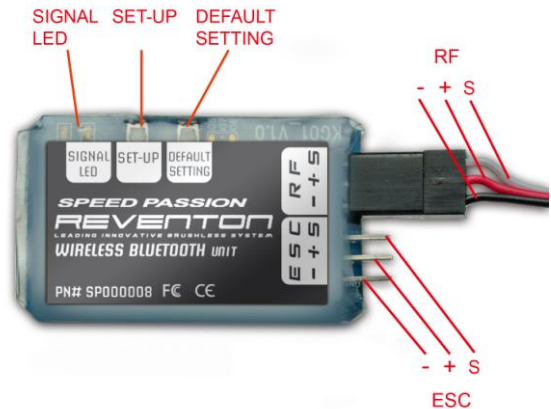
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## Bluetooth Unit Manual

### Bluetooth Unit Layout



With plastic box



Stand alone

### 1. Connecting the Bluetooth Unit:

1.1 Download the “Reventon” App  in the Google Play  .

Compatible with Android Phone, Android Tablet with Android 2.3 or above except Android 3.x (Honeycomb series).

Search “Reventon” in Google Play or Android Market or visit the below link:

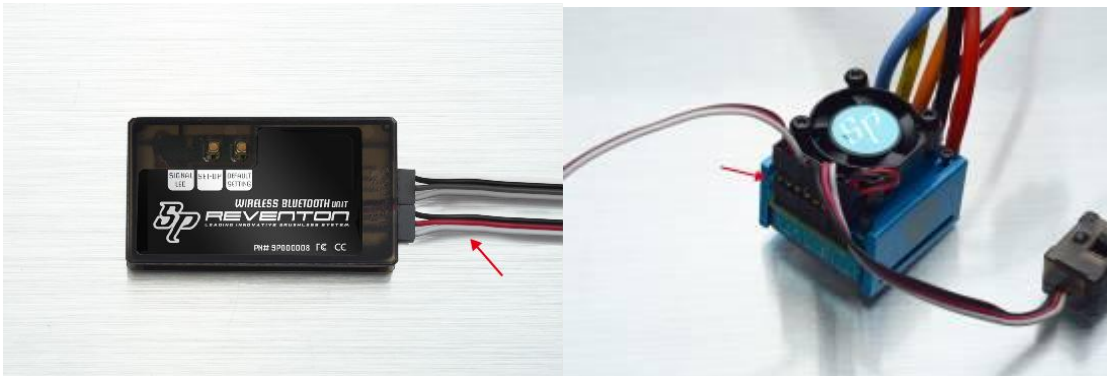
[https://play.google.com/store/apps/details?id=kinggolden.android.newreventon&feature=search\\_result#?t=W251bGwsMSwxLDEsImtpbmdnb2xkZW4uYW5kcm9pZC5uZXdyZXZlbnRvbiJd](https://play.google.com/store/apps/details?id=kinggolden.android.newreventon&feature=search_result#?t=W251bGwsMSwxLDEsImtpbmdnb2xkZW4uYW5kcm9pZC5uZXdyZXZlbnRvbiJd)



### 1.2 Connect the Bluetooth Unit to the Receiver and ESC.



## 1.3 Connect the Bluetooth Unit to the ESC.



1.4 Turn on the ESC. The Blue LED will flash continuously until the Bluetooth Unit is connected with a smart-phone.

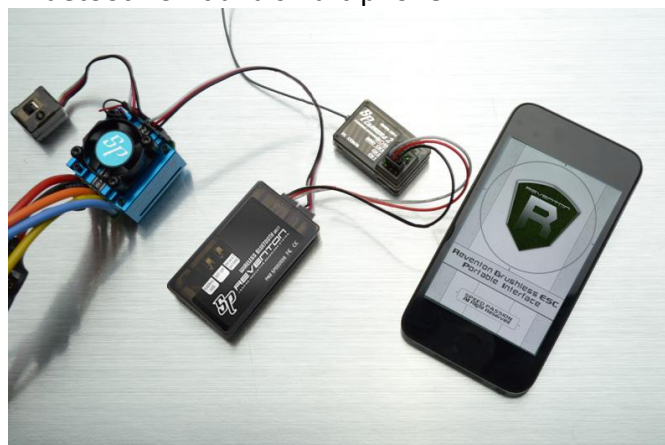
1.5 If the connection to the ESC is OK, the user can open the Speed Passion App and the ESC data will be sent to the smart-phone. **(Reference to point 3)**

1.6 The Bluetooth Unit supports ESC security codes for different users. When the user press and holds the “Setup” key over 3 seconds, the Unit will enter setup mode and the “Red LED” will flash continuously. User can use the Speed Passion App to set the password **(Reference to point 2).**


1.7 If the password has been lost or forgotten, the user can press and hold the “Default Setting” key for 3 seconds. The Bluetooth configuration will return to factory settings as shown below:

device name	Speed Passion
pin code	0000
baud rate	19200
data bits	8
parity bits	0
start stop bit	1

## 1.8 Connection between Bluetooth Unit and smart-phone



## 2. Setup Bluetooth Unit:

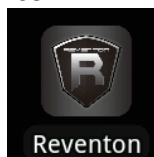
2.1 Turn on the ESC and ensure the Bluetooth Unit is connected to the ESC.	
2.2 Press and hold the “Setting” button on the Bluetooth Unit, until the red LED is on and blue LED is flashing	
2.3 Go to Option Page and Select the “Bluetooth Unit Setting” button in the Reventon App.	
2.4 Enter device name and device pin code.	
2.5 Select “OK” button to finish. Select “Cancel” button to cancel.	
2.6 Restart the Bluetooth Unit to store the Bluetooth settings.	

## 3. Connect Bluetooth Unit with Android device

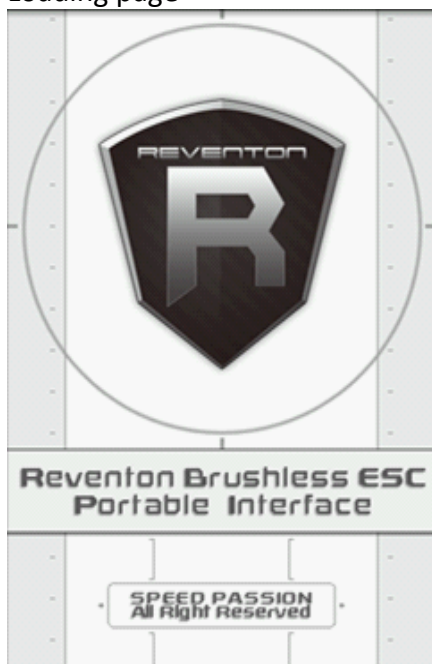
- 3.1 Connecting Bluetooth to the Speed Passion App:
  - 3.1.1 Start Speed Passion App.
  - 3.1.2 If the Bluetooth Unit is not paired with the smart-phone. Press “scan device” button to scan for the Bluetooth Unit.
  - 3.1.3 Select the Bluetooth Unit to connect.
  - 3.1.4 If the smart-phone is not already paired to the Bluetooth Unit, enter the pin code “0000” to connect the Bluetooth Unit.
  - 3.1.5 If the connection is successful, the ESC will transfer ESC parameters to the app automatically.
- 3.2 Connecting Bluetooth Unit with an Android device:
  - 3.2.1 Exit Speed Passion App.
  - 3.2.2 Go to Android device’s setting.
  - 3.2.3 Select Wireless & Networks. Ensure Bluetooth is on.
  - 3.2.4 Enter Bluetooth settings page.
  - 3.2.5 Unpair the paired Bluetooth Unit.
  - 3.2.6 Select scan for device.
  - 3.2.7 Pair and reconnect Bluetooth device again.
  - 3.2.8 Start Speed Passion App.

## 4. Bluetooth Screen

Icon



Loading page



1. Esc setting page





## Software bar



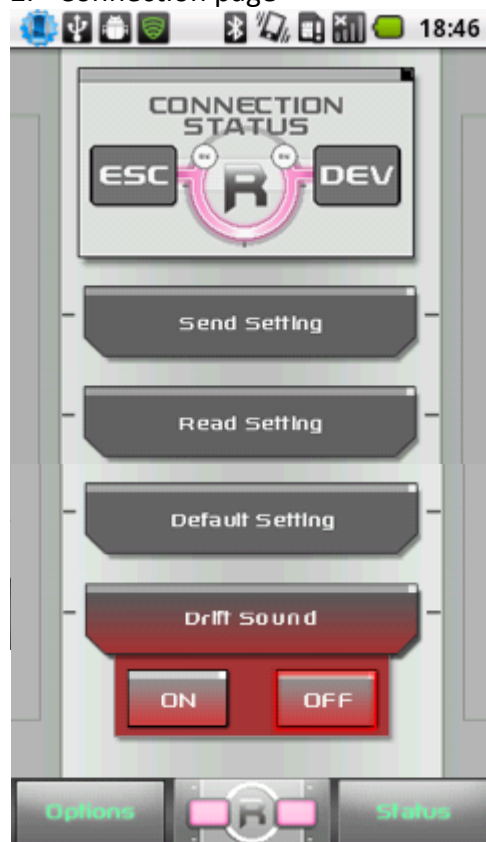
## Needle style



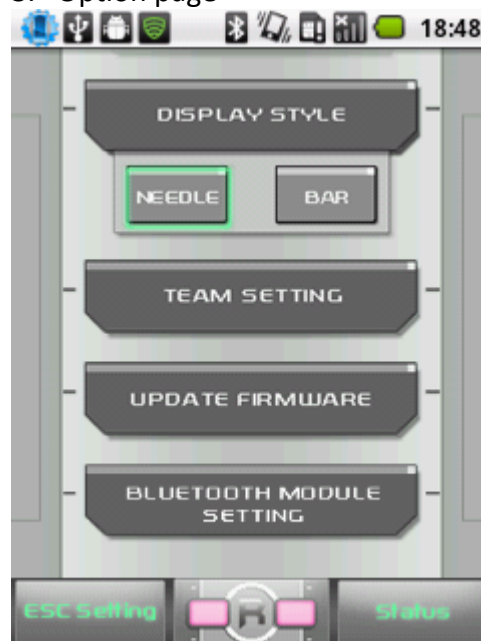
## Bar style



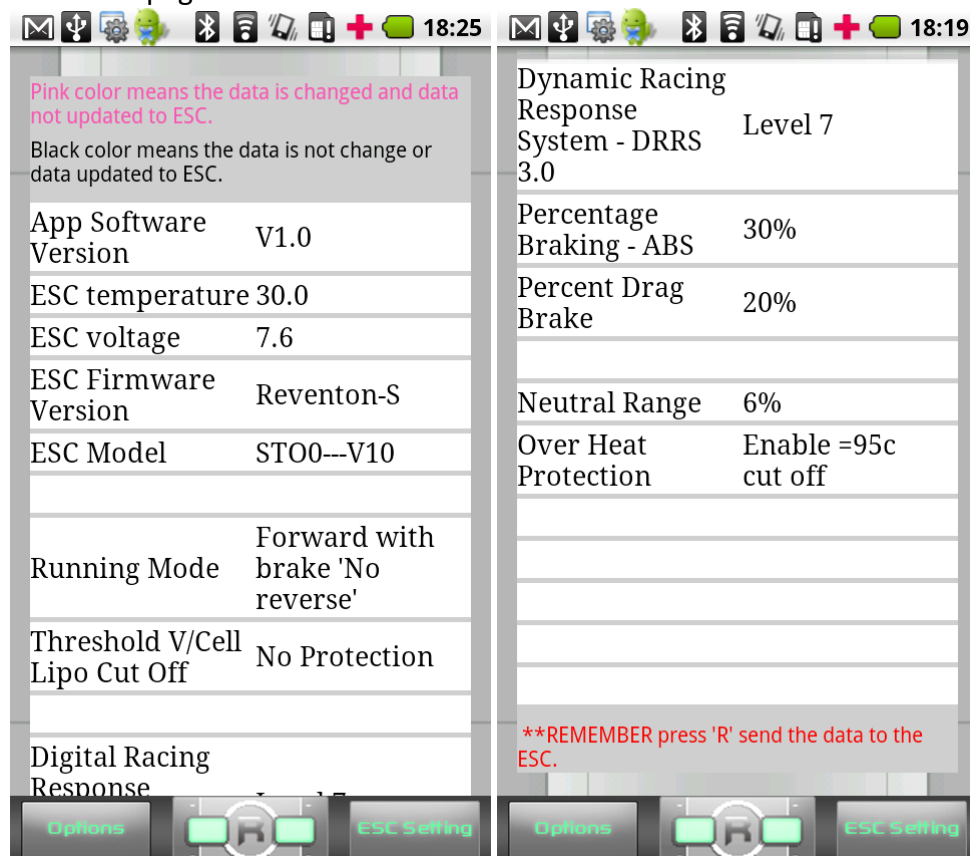
## 2. Connection page



## 3. Option page

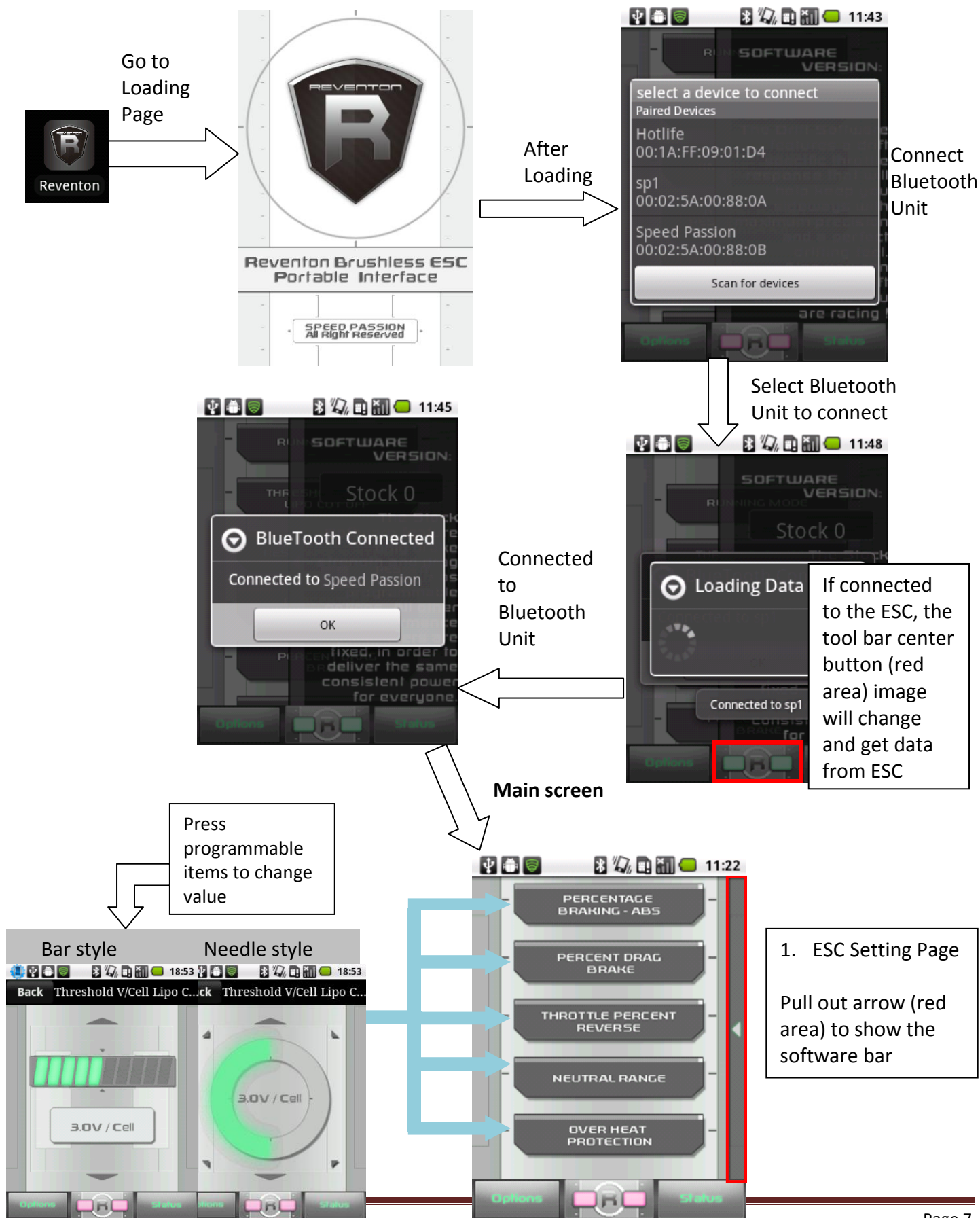


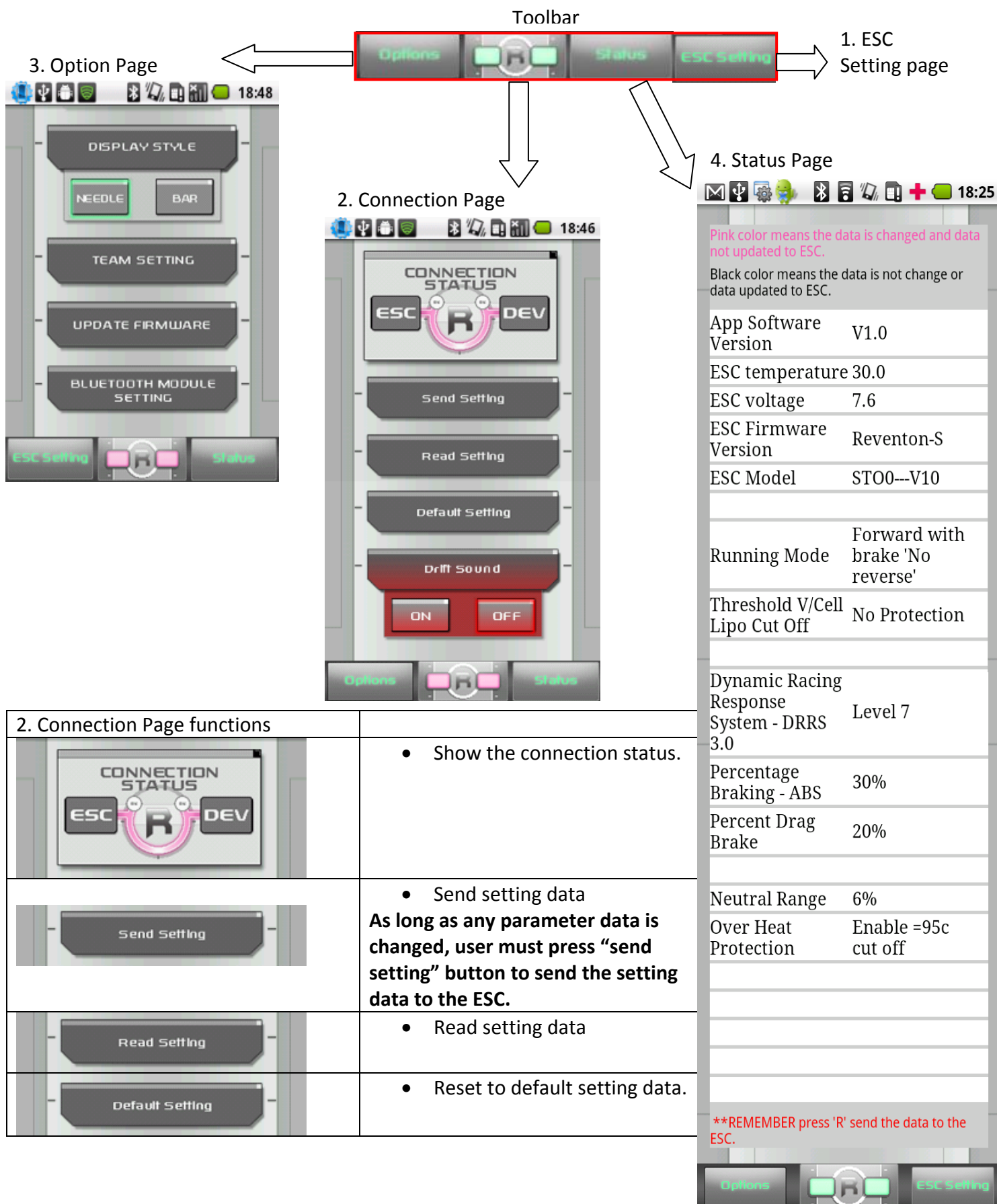
## 4. Status page










## 5. Android Reventon app flow chart





	<ul style="list-style-type: none"> <li>If the esc is in the drift program mode, user can play the drift sound.</li> </ul>
<b>3. Option Page functions</b>	
	<ul style="list-style-type: none"> <li>Choose the display style of set esc setting page.</li> </ul>
	<ul style="list-style-type: none"> <li>Go to team setting page</li> </ul>
	<ul style="list-style-type: none"> <li>Update firmware</li> </ul>
	<ul style="list-style-type: none"> <li>Setup Wi-Fi module</li> </ul>

<b>4. Status Page functions</b>		
<p>Pink color means the data is changed and data not updated to ESC.</p> <p>Black color means the data is not change or data updated to ESC.</p>		<ul style="list-style-type: none"> <li>Show app software version</li> </ul>
App Software Version V1.0		
ESC temperature 30.0		<ul style="list-style-type: none"> <li>Show ESC Temperature</li> </ul>
ESC voltage 7.6		<ul style="list-style-type: none"> <li>Show ESC Voltage</li> </ul>
ESC Firmware Version Reventon-S		<ul style="list-style-type: none"> <li>Show the ESC firmware version</li> </ul>
ESC Model ST00--V10		<ul style="list-style-type: none"> <li>Show the ESC model</li> </ul>
Running Mode Forward with brake 'No reverse'		<ul style="list-style-type: none"> <li>Show all setting data and motor rotation</li> </ul>
Threshold V/Cell Lipo Cut Off No Protection		<ul style="list-style-type: none"> <li>Words will change to red color if the data changed</li> </ul>
Dynamic Racing Response System - DRRS 3.0 Level 7		
Percentage Braking - ABS 30%		
Percent Drag Brake 20%		
Neutral Range 6%		
Over Heat Protection Enable =95c cut off		

## Exemption Clause:

Speed Passion does not have control over the installation or use of this product therefore no liability for any damages incurred in its use will be accepted. Operation of this product is at the user's risk. The use of R/C models requires a degree of skill, If you are a beginner please consult the advice of an experienced user to prevent injury to goods or other persons.

## Caution:

1. Do not operate the Bluetooth Unit at voltages lower than 5.5V or higher the 6.0V battery, damage to the ESC can result.

## Product warranty period:

### **Product Warranty:**

**30 days limited warranty, this product is guaranteed to be free from defects in materials or workmanship for a period of 30 days from the original date of purchase (Verified by sale receipt dated). User accepts all resulting liability. We reserve the right to modify warranty provisions without further notice. Warranty does not cover incorrect installation, components worn by use, or any damage caused by crash, flooding or natural disaster. The company has no control over the installation of this product; no liability may be assumed nor will be accepted for any damage resulting from the use of this product.**

**2 month return time for any repair or services, detail update RMA services process please check with your local dealer or [www.speedpassion.net](http://www.speedpassion.net)**

**Please visit [www.SpeedPassion.net](http://www.SpeedPassion.net) for updated ESC information and new software update releases!**

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device will be installed in remote-controlled toy car for modifying the internal configuration.