Speedy Bee Adapter 3 Simplify FPV Drone Racing! User Manual

Speedy Bee Adapter 3 Simplify FPV Drone Racing! User Manual

Contents

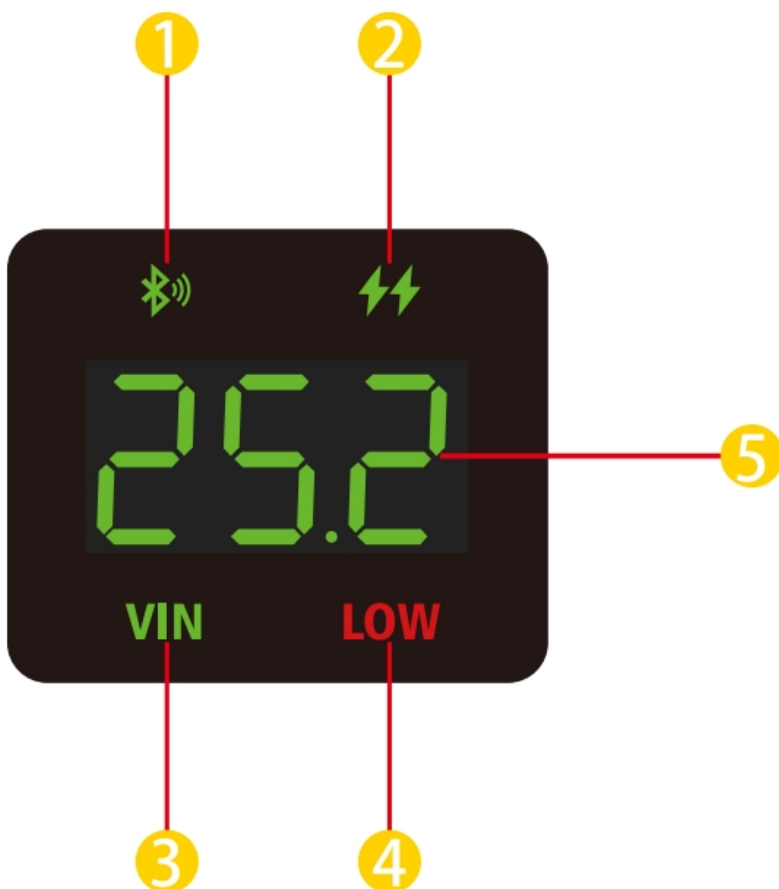## Product Overview

1. Bluetooth/WiFi Status Light
2. Quick Charge Indicator
3. Input Voltage Indicator
4. Low Battery Indicator
5. Input Voltage Value(Volt)

6. Charging Indicator
7. Charging Port(USB A)
8. PH2.0 Port(1-6S Input)

9. XT60 Port(1-6S Input)

10. Type C Connector(to FC)
11. Micro USB Connector(to FC)

Power Input(⑧⑨)

- PH2.0(⑧) and XT60(⑨) both support 1-6S LiPo battery input.
- Please ensure the input voltage is above 3.8V when using 1S LiPo as the input power.
  For some quads(very few) may consume large current and can significantly lower down the output voltage for powering the flight controller end.

Indicator Definition(①②③④⑥)

Bluetooth/WiFi Status Light

- **Blinking RED** indicates the Adapter 3 has recognized the flight controller connection but has not connected to the app.
- **Solid GREEN** indicates the Adapter 3 has recognized the flight controller and also has connected to the app.
- **Blinking GREEN** indicates the Adapter 3 has connected to the Bluetooth of a mobile device but has not recognized the flight controller.

Quick Charge Indicator

- ⚡ **Solid GREEN** indicates the Adapter 3 is now executing quick charge for a device.

Input Voltage Indicator

- **VIN** **Solid RED** indicates the input battery level is lower than 40%(Voltage per cell < 3.79V)
- **VIN** **Solid White** indicates the input battery level is between 40%-80%(Voltage per cell is between 3.79V-3.98V)
- **VIN** **Solid Green** indicates the input battery level is higher than 80%(Voltage per cell > 3.98V)

Low Battery Indicator

- **LOW** **Blinking RED** indicates the voltage of each cell of the battery is lower than the set threshold (the default threshold is 3.7V).

Charging Indicator

- 🔴 **Solid RED** indicates the Adapter is now charging for a device and the charging power is lower than 6 Walts.
- 🟢 **Solid GREEN** indicates the Adapter is now charging for a device and the charging power is higher than 6 Walts.

Silicone Data Cable

When you receive this product, please install the silicone data cable inside the package to the Adapter 3. The two ends of this data cable are Type C connector and MicroUSB connector. Please choose the corresponding connector to connect to the flight controller according to the type of the flight controller's USB interface.

NOTE 1 – It's safe to power the Adapter 3 even if the data cable is connected to the main body on both ends.
NOTE 2 – Plug the cable back after use for better storage.
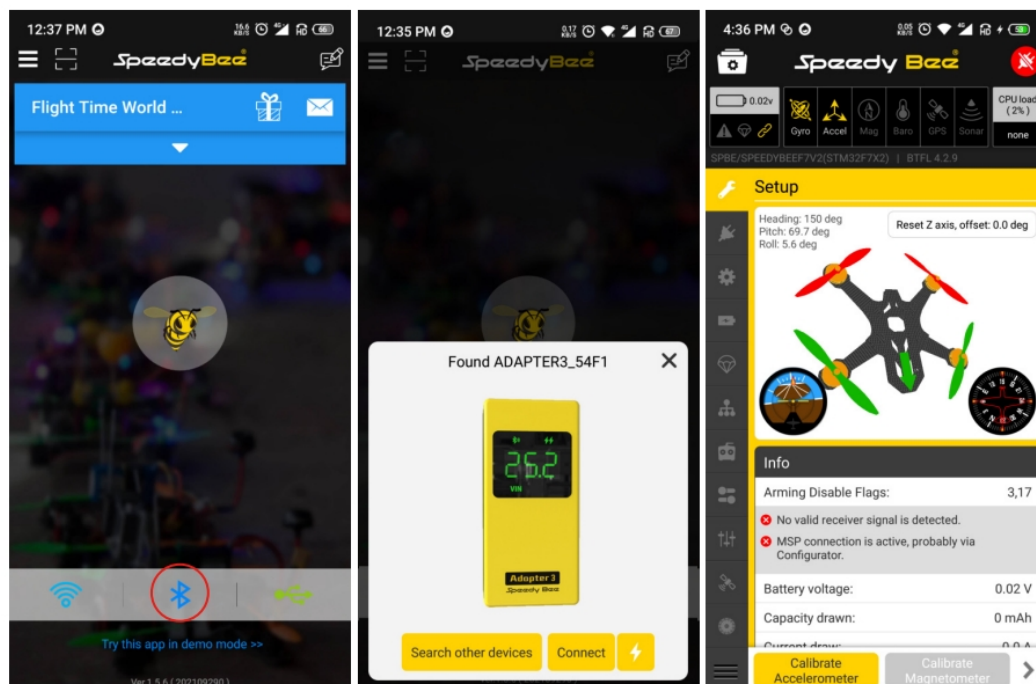
Physical Connection

1S-6S Lipo

Flight Controller

App

Getting the app
Search 'SpeedyBee' on Google Play or App Store. Or download the Android .apk file on our website: **https://www.speedybee.com/download**.
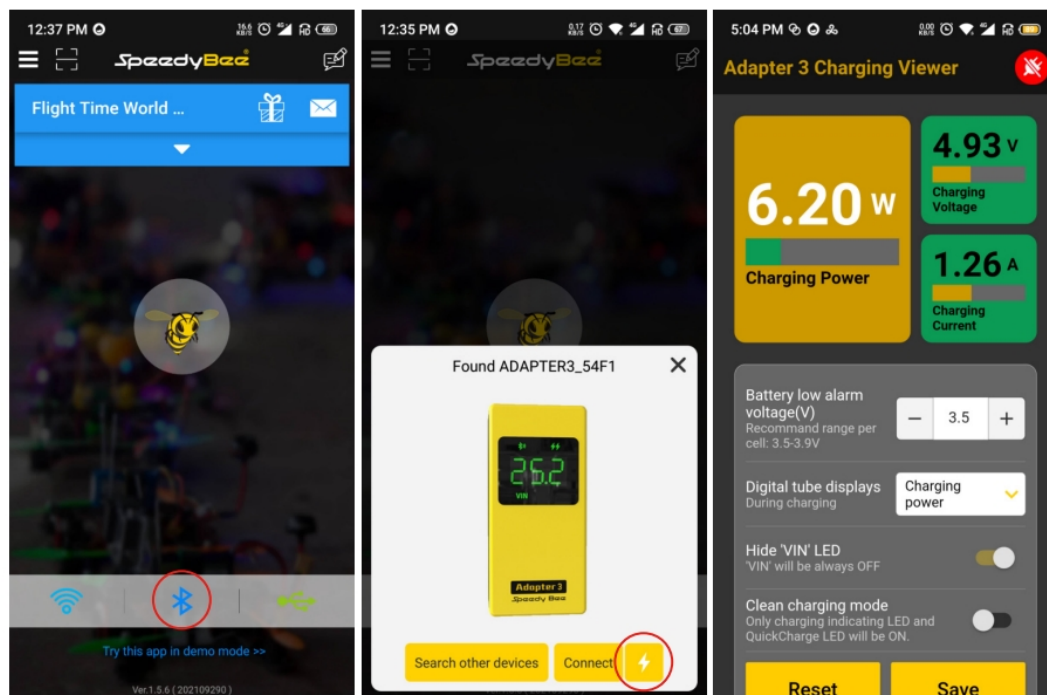
Parameter settings for flight controller

When you receive this product, please install the silicone data cable inside the package to the Adapter 3. The two ends of this data cable are Type C connector and MicroUSB connector. Please choose the corresponding connector to connect to the flight controller according to the type of the flight controller's USB interface.
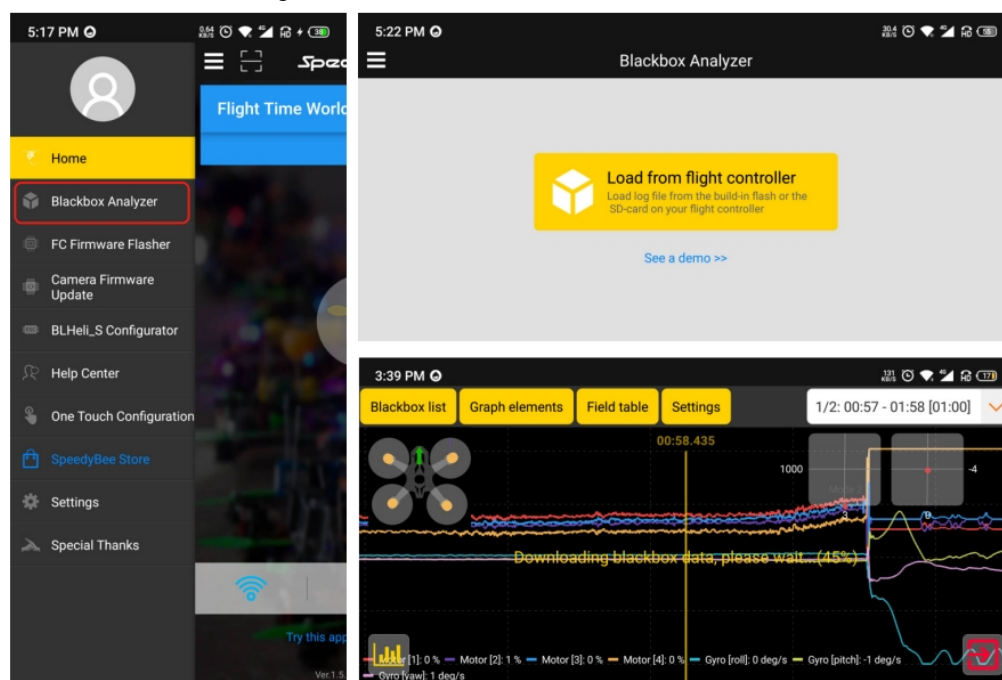
View the charging status

App > Click 'Bluetooth' button > Click the lightning icon on the device display page.
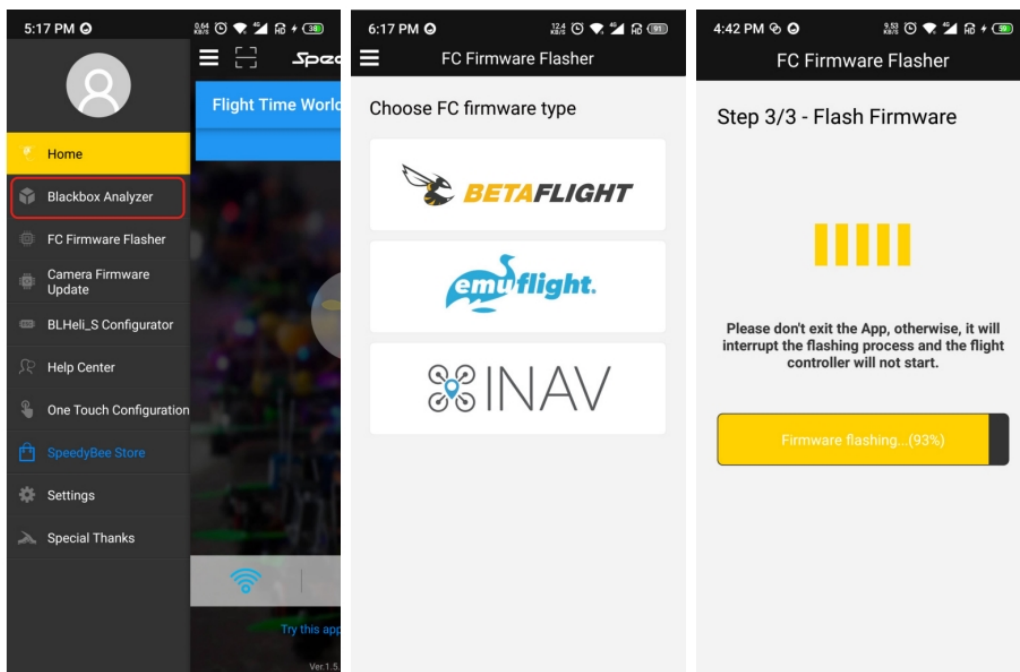

Black box data analyzing

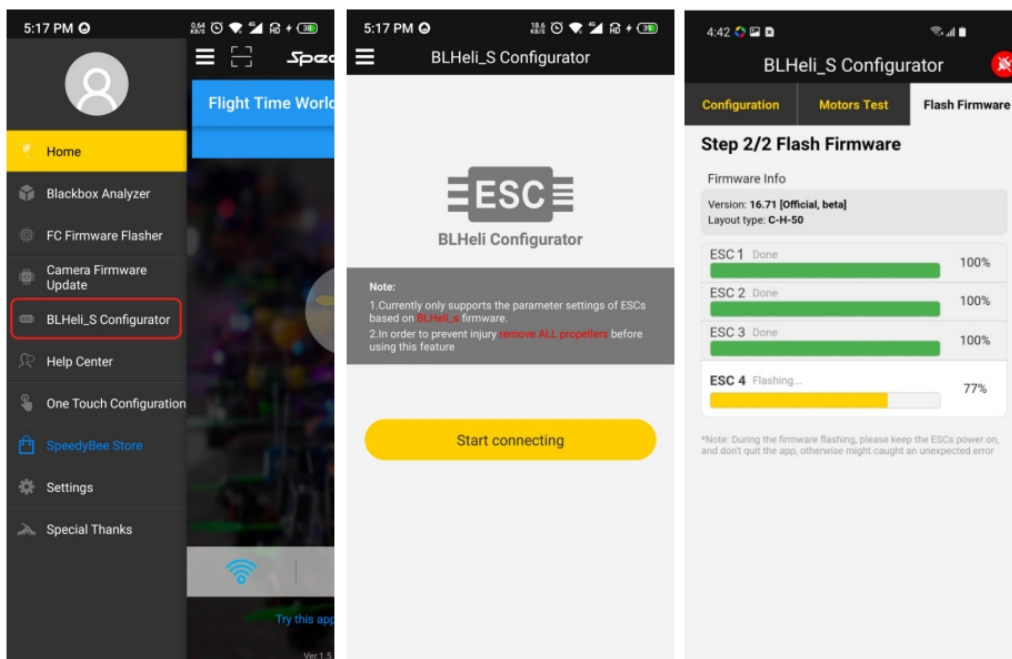Click the left side sliding menu bar to enter this function.

Firmware Flashing for Flight Controller

Click the left side sliding menu bar to enter this function.

8-bit BLHeli_S firmware Flashing

Click the left side sliding menu bar to enter this function.

Simplifying FPV

Documents / Resources

Speedy Bee Adapter 3 Simplify FPV Drone Racing! [pdf] User Manual
Adapter 3, Simplify FPV Drone Racing, FPV Drone Racing, Adapter 3, Drone Racing

References

- 🐝 **SpeedyBee - Simplifying FPV**
- 🐝 **download**