Freewing Blue Bridge User manual Freewing Flight Assistant APP Operate Instruction





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MADE IN CHINA

Freewing Blue Bridge User manual

Basic Introduction

Freewing BlueBridge is a dedicated adapter device with a built-in Bluetooth communication module, including Blue Bridge Lite Edition and Blue Bridge Pro Edition. As a relay device, Freewing Blue Bridge includes two of the most common interfaces. Through it, the connected devices can interact with the Freewing Flight Assistant APP for data exchange, achieving the purpose of setting, modifying device parameters, and setting online upgrades.

Blue Bridge Lite

Introduction to panels and parameters



 It can be powered by connecting to the mains through a mobile phone charger with Type-C interface.



Introduction to panels and parameters

- A: Type-C data cable
- B: Power Output
- C: Device connection port
- D: Type-C port (Charge / Data transmission)
- E: Restart switch
- F: Signal light

Input voltage: 4.5-5.5V Maximum Current: 1A

Output voltage: 4.8V Maximum Output Current: 1A







Green light - Always on The phone is successfully connected to Blue Bridge



Red light -Always on Low voltage Reminder for charging





Connection Diagram



🛓 Green light - Flashing Blue Bridge standby mode

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Red light - Flashing Charging



- Sleep mode - Depleted battery



Blue Bridge data cable connected to gyro Data exchange / Power supply through Type-C



Green / Red light - Flashing

Upgrading.....

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Connect the servo to the Blue Bridge C port Directly perform parameter settings

Operating instructions

- 1. Refer to the previous content to correctly connect the device to the Blue Bridge.
- 2. Blue Bridge supply power (this step can be skipped for Blue Bridge Pro Edition), Blue Bridge green indicator light flashes.



- 3. Turn on the Bluetooth, then turn on the Freewing Flight Assistant APP.
- 4. Click "Find Device" on the homepage. The Bluetooth device list shows "Freewing", click "Connect". The page jumps to display "Connected". At this point, the blue bridge indicator light becomes constantly on.



5. Click on the corresponding device type in the APP interface to enter the settings page and start your settings work.



Freewing Flight Assistant APP Operate Instruction

Basic Introduction

Freewing Flight Assistant APP is a professional mobile software used for setting, downloading, and updating parameters of aviation electronic devices. By using Freewing Blue Bridge as a signal transmission medium, a wireless connection is established between aircraft model electronic devices and mobile apps for remote unlimited operation. A centralized data exchange and setting platform can effectively reduce manufacturing and usage costs. The intuitive graphic and text settings interface of the Flight Assistant app enables us to set up, maintain, and upgrade devices more conveniently.

Start to Use

Connection

- 1. The Freewing Flight Assistant APP (referred to as the "Flight Assistant APP") must be used in conjunction with the Freewing Blue Bridge.
- 2. Connect the electronic devices within the applicable range correctly to the Freewing Blue Bridge.



- 3. Turn on the Bluetooth function on your phone and open the Flight Assistant APP.
- 4. Click on "Find Device" on the homepage
- 5. When "Freeing" appears in the list, click "Connect". The page jumps to display "Connected". At this point, the blue bridge indicator light becomes normal.



6. Click on the corresponding Freewing Blue Bridge device type in the APP interface to enter the settings page and start your device management.



Attention:

The Freewing Blue Bridge remains powered on all the time. After setting up device A, when setting up another device B, the APP only needs to open the device B management interface and use it directly. In any case, if the power supply of the Freewing Blue Bridge is interrupted during use, Bluetooth will immediately disconnect. After powering on again, you need to restart the app and establish a Bluetooth connection again.

Introduction to Setting Interface

FreewingGuard 6-Axis Gyro Setting Interface - Parameter Setting



Freewing Guard Gyro Setting Interface - Command bar



Smart Servo Setting Interface



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