

Bluetooth Module MB-1 BDLINK User Manual



1. Bluetooth module MB-1 need to use with AGFRC APP (BKLINK) and corresponding AGFRC programming products, such as AGFRC Servo, AGFRC Gyro, AGFRC BEC.

2. MB-1 support multiple output signal, such as 40Hz-333Hz, FUTABA SR, SANWA SSR/ SUR/ SXR, FlySky SFR/ SR.

3. Operation Steps,

1st, Download and install APP "AGF BKLINK" on mobile or Pad with Android system;

2nd, Once completed installation, turn on bluetooth on mobile or Pad, if it is the first time to open the APP, the APP will prompt if need to turn on the location function, select "Open during using".

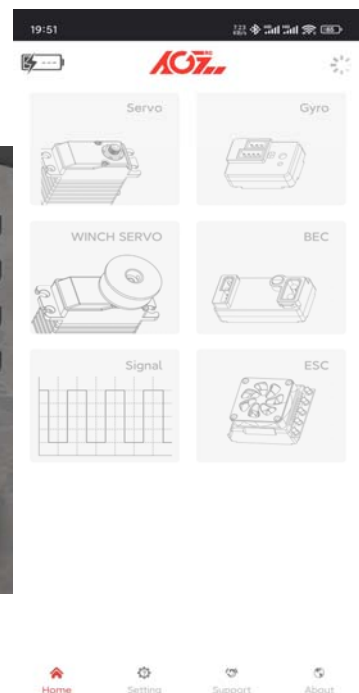
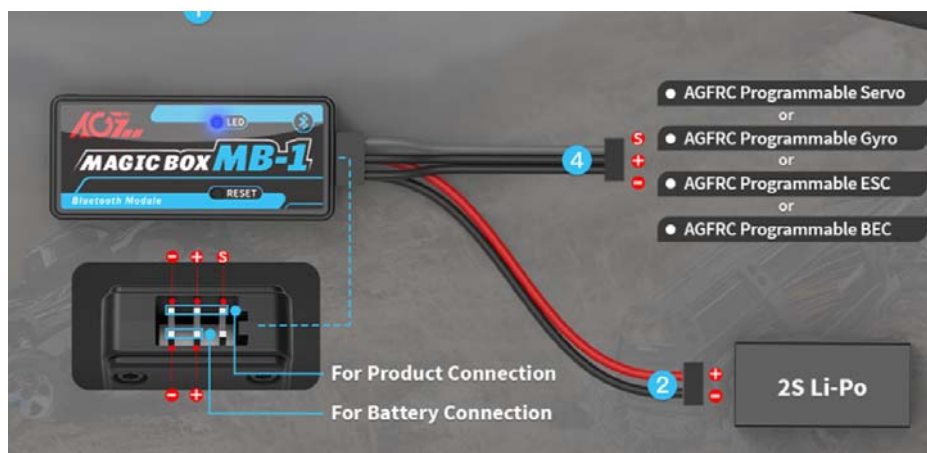
3rd, Power on MB-1;

4th, In Setting Page, click "Bluetooth Search" to find "AGF_RC", input 4 digits password to connect MB-1, default password is "0000".

4. Operation Diagram

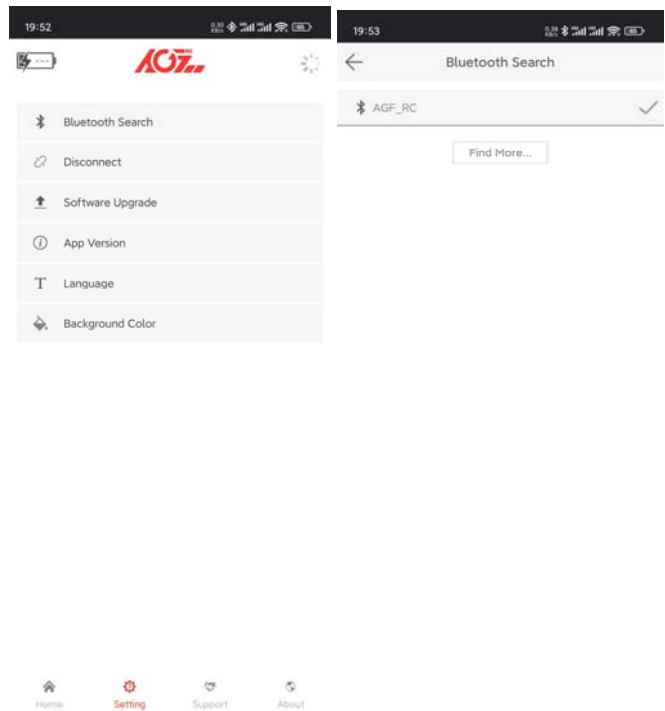
1) Open APP homepage as shown on the right,

Power supply of MB-1 as below,



2) Click "Setting" Page

3) Click "Bluetooth Search" and select "AGF_RC", input the initial password "0000" and click "OK". If connected successfully, The "Tick" mark will be shown on the right.



5. MB-1 Spec Data

Size: 43.2x19.2x9 mm

Power Supply: DC5-8.4V

Static Consumption Current: <50mA

Output Voltage/Current: DC5-8V/ 0-3A

Max Signal Range: 10m

Note: The power supply cannot exceed the range, otherwise it will damage the product.

FCC Warning Statement

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 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.

RF Exposure Statement

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance of 20cm the radiator your body. This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.

蓝牙模块 MB-1 说明书

- 一、MB-1 需要 AGRC 的 APP(BKLINK)及对应产品配合调参，支持 AGFRC 产品有：①AGFRC 舵机，②AGFRC 可调参陀螺仪，③AGFRC 的 BEC；
- 二、MB-1 支持多种舵机信号输出：①40Hz-333Hz 信号，②FUTABA SR，③SANWA SSR、SUR、SXR，④FlySky SFR 与 SR；
- 三、AGFRC BDLINK 与 MB-1 连接步骤如下：
 - ①首先在安卓手机或平板安装 APP，‘AGF BKLINK’；
 - ②安装 APP 后，打开手机和平板蓝牙功能，第一次打开时，APP 会询问是否打开定位功能，选择“在使用中打开”。
 - ③给 MB-1 连接上电源；
 - ④APP 的 Setting 页，点进蓝牙搜索页面‘Bluetooth Search’，点 AGF_RC 输入 4 位密码，连接 MB-1,MB-1 默认密码为‘0000’4 个 0；

四、APP 与 MB-1 连接操作示意图：

- ① 打开 APP 的主页面如右图 1 ；

MB-1 供电，供电连接如下图；

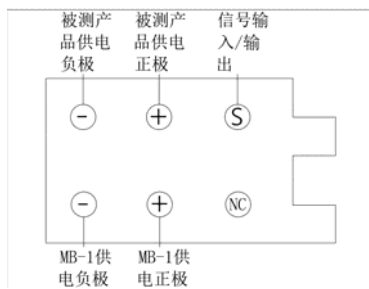
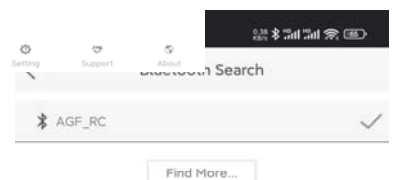
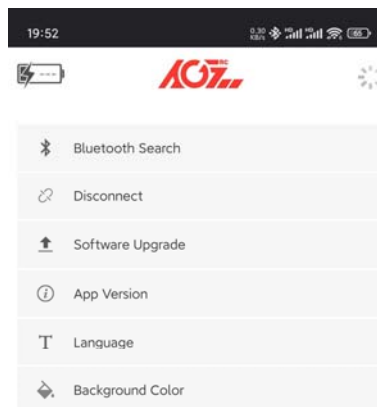


图 1

- ②点设置页面“Setting”；
- ③点开“Bluetooth Search”，选中并点击蓝牙名称“AGF_RC”，输入初始密码‘0000’点击 OK，若 APP 与 MB-1 连接成功，AGF_RC 右边会有一个勾。



五、MB-1 各项参数：

- ①外形尺寸：43.2x19.2x9 mm；
- ②MB-1 供电：DC5-8.4V；
- ③静态耗电流：小于 50mA；
- ④输出电压电流：DC5-8V/0-3A；
- ⑤蓝牙最大距离：10 米。

警告：MB-1 供电不可超出设计电压，超出会损坏产品。

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