Manuals+ — User Manuals Simplified.

BETAFLIGHT Flight Controller

BETAFLIGHT Flight Controller User Guide

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Product Information

Specifications:

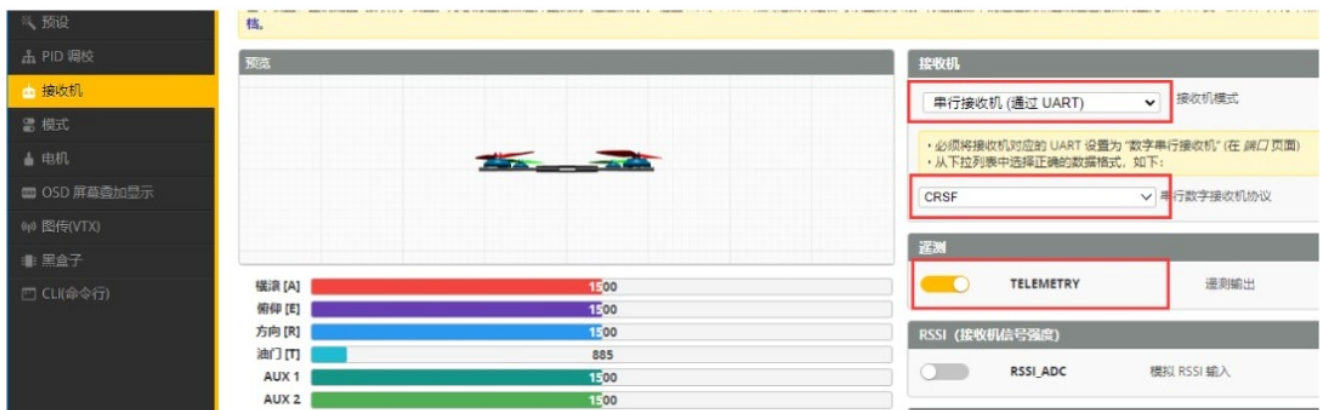- **Product Name**: Betaflight FC
- **Receiver**: ELRS

Product Usage Instructions

Configuring Betaflight FC with ELRS Receiver:
Your computer or phone can wirelessly connect to the Betaflight flight controller through the ELRS receiver for configuration purposes.

Here's how to do it:

1. Verify the Connection between the Receiver and Flight Controller. Refer to this address to ensure the receiver is properly wired to the flight controller: **https://www.expresslrs.org/quick-start/receivers/wiring-up/**

2. Check the Configuration of Receiver Settings on the Flight Controller Ensure that the ELRS receiver can properly connect to the flight controller. Also, enable telemetry output from the receiver. If you have already completed this step, you can skip it.

3. Download and Install Betaflight Configurator. There are separate versions for computers and phones. You can find the download link here: **https://github.com/betaflight/betaflight-configurator/releases?page=1**

4. Power on the Drone, wait for over a minute for the receiver to automatically enter WIFI mode. Alternatively, you can follow the other instructions to use your transmitter to put the receiver into WIFI mode.

5. Open Betaflight Configurator and in the port options, enter the following: tcp://10.0.0.1. Then proceed with the connection. This will allow you to wirelessly configure your Betaflight flight controller through the ELRS receiver.

FAQ

Q: Can I use a different receiver with the Betaflight FC?
A: The Betaflight FC is compatible with various receivers, but for optimal performance, it is recommended to use the ELRS receiver.

Q: What should I do if the receiver is not responding after configuration?
A: Double-check your connections, transmitter settings, and receiver configuration in Betaflight. If issues persist, consult the troubleshooting section of the user manual or contact customer support.

Documents / Resources

BETAFLIGHT Flight Controller [pdf] User Guide
Flight Controller, Controller

References

- ⬡ **Releases · betaflight/betaflight-configurator · GitHub**
- 📷 **Receiver Wiring - ExpressLRS**
- **User Manual**