

FLYSON 10

Instruction Manual

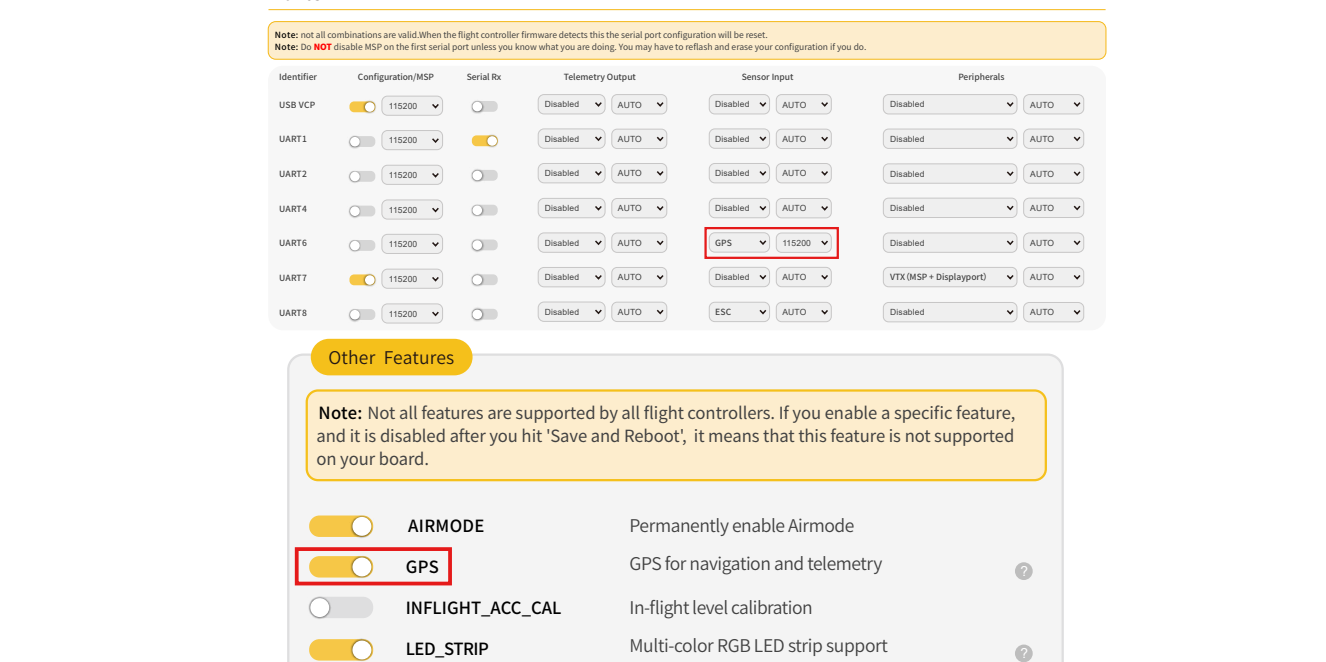


Thanks for buying this product ! Please read the instructions carefully before use and strictly abide by the specified operating instructions . Users must have a certain electronic foundation and good welding skills. Wrong use may cause personal injury and equipment damage. We do not assume any liability arising from the use of this product or unauthorized modifications to the product, including but not limited to liability for incidental or indirect losses.



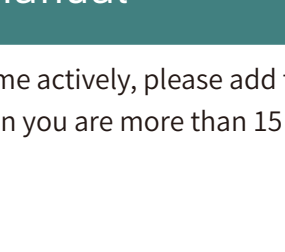
1. ARM & Modes

1. Please check the Modes tab of Betaflight and test each switch of function ; The corresponding function will be turned on when the yellow cursor gets moved to the set range.
Website: <https://app.betaflight.com/>

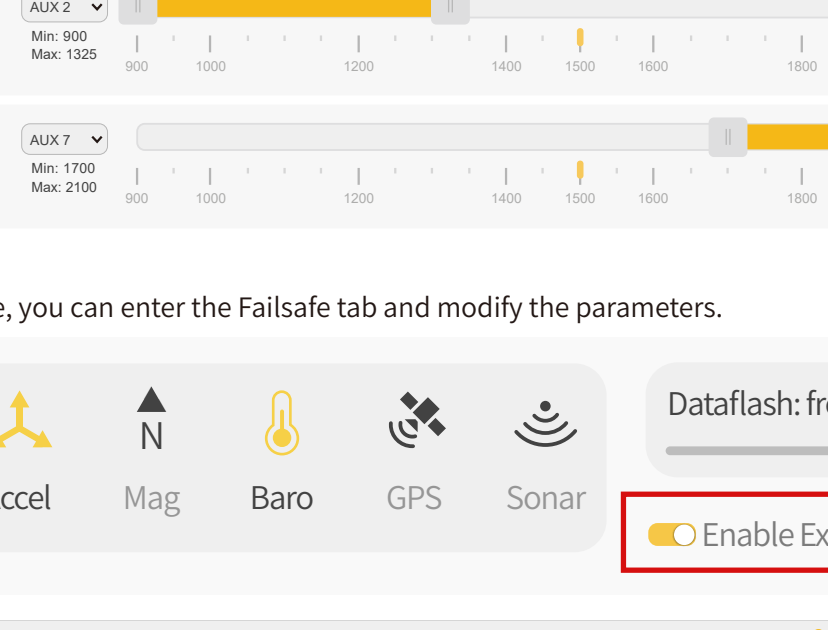


2. The default motor rotation direction is not reversed, please remove all propellers before testing.

☐ Motor direction id reversed

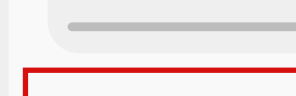


3. GPS rescue is enabled by default, and the function of automatic return and landing is available when the remote control fails. Please be sure to unlock and take off after the GPS reaches 8 satellites. Note: The rescue function will not be triggered if the VTX is lost, and it needs to be triggered actively.

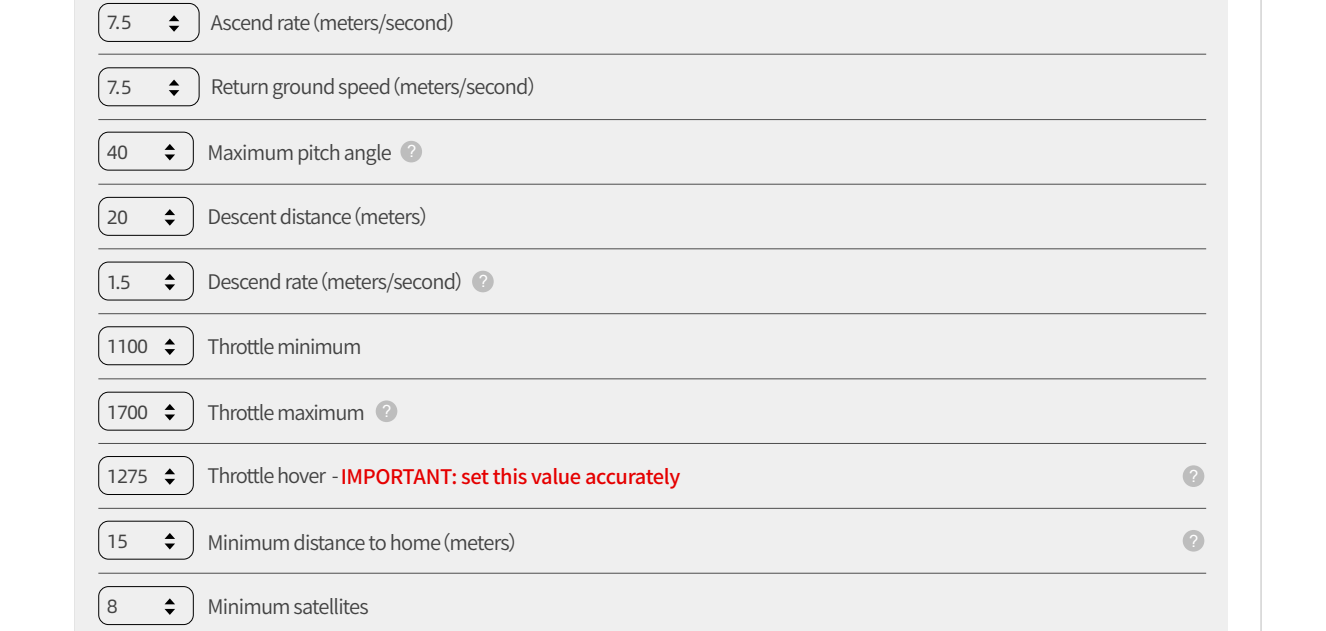


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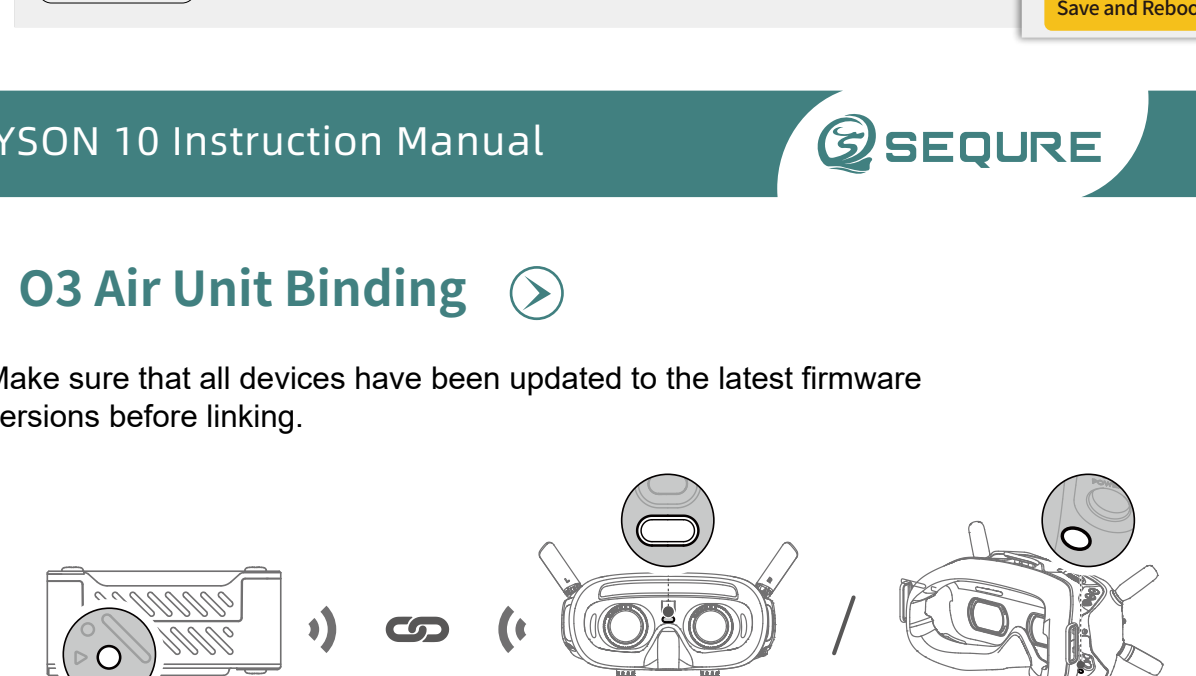
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4. If you need to trigger the return home actively, please add the remote control channel in the Modes tab for GPS RESCUE. Note: Please start it when you are more than 15 meters away from the drone, otherwise the drone will lock and crash directly.



5. In BF Expert Mode, you can enter the Failsafe tab and modify the parameters.



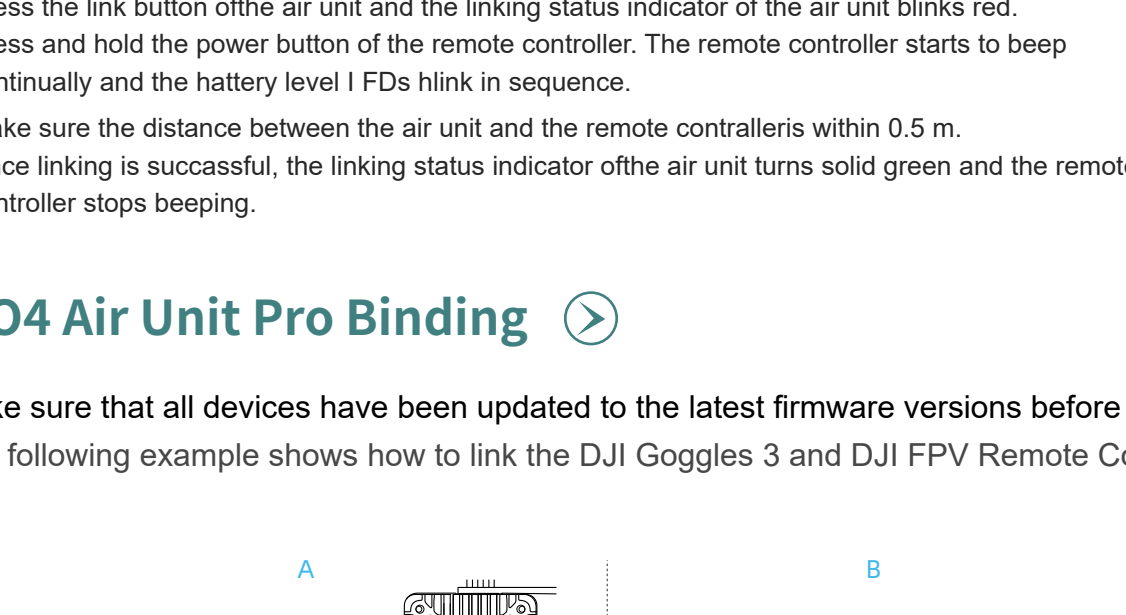
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2. 03 Air Unit Binding

Make sure that all devices have been updated to the latest firmware versions before linking.



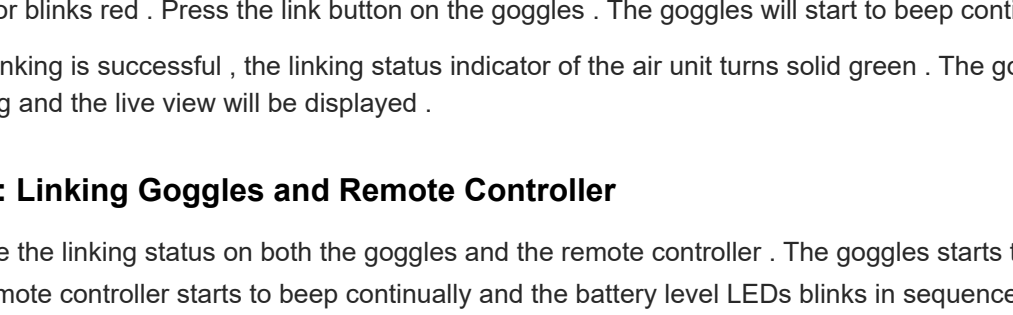
The air unit must be linked to the goggles before the remote controller.

1. Press on the air unit, the goggles, and the remote controller.
2. Power the link button off the air unit and the goggles respectively. The linking status indicator of the air unit blinks red and the goggles start to beep continually.
3. Make sure the distance between the air unit and the goggles is within 0.5 m. Once linking is successful, the linking status indicator of the air unit turns solid green. The goggles stop beeping and the live view will be displayed.
4. Press the link button off the air unit and the linking status indicator of the air unit blinks red. Press and hold the power button of the remote controller. The remote controller starts to beep continually and the battery level LEDs blink in sequence.
5. Make sure the distance between the air unit and the remote controller is within 0.5 m. Once linking is successful, the linking status indicator of the air unit turns solid green and the remote controller stops beeping.

3. 04 Air Unit Pro Binding

Make sure that all devices have been updated to the latest firmware versions before linking.

The following example shows how to link the DJI Goggles 3 and DJI FPV Remote Controller 3.



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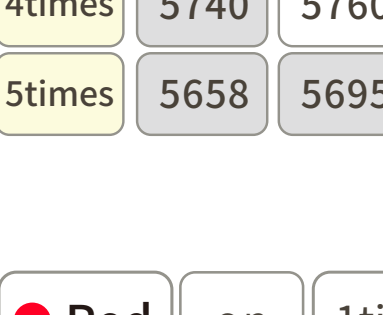
Figure A: Linking Goggles and the Air Unit

1. Power on the air unit , the goggles , and the remote controller . Enter the goggles menu , select Status , and click the upper right corner to select the product .
2. Make sure the linking status indicator of the air unit is red . Press the link button once , the linking status indicator blinks red . Press the link button on the goggles . The goggles will start to beep continually .
3. Once linking is successful , the linking status indicator of the air unit turns solid green . The goggles stop beeping and the live view will be displayed .

Figure B: Linking Goggles and Remote Controller

1. Activate the linking status on both the goggles and the remote controller . The goggles starts to beep continually . The remote controller starts to beep continually and the battery level LEDs blink in sequence .
2. Once linking is successful , the goggles will stop beeping and display the live view , and the remote controller will stop beeping .

4. VTX Setting



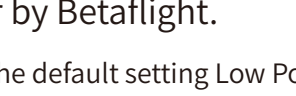
CH	FR	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8
A	1time	5865	5845	5825	5805	5785	5765	5745	5725
B	2times	5733	5725	5771	5790	5809	5828	5847	5866
E	3times	5705	5685	5665	5645	5885	5905	5925	5945
F	4times	5740	5760	5780	5800	5820	5840	5860	5880
R	5times	5658	5695	5732	5769	5806	5843	5880	5917

☐ off ☒ on

☒ Red	on	1time	2times	3times	4times	5times
Power	PIT	25mW	400mW	800mW	1500mW	2500mW

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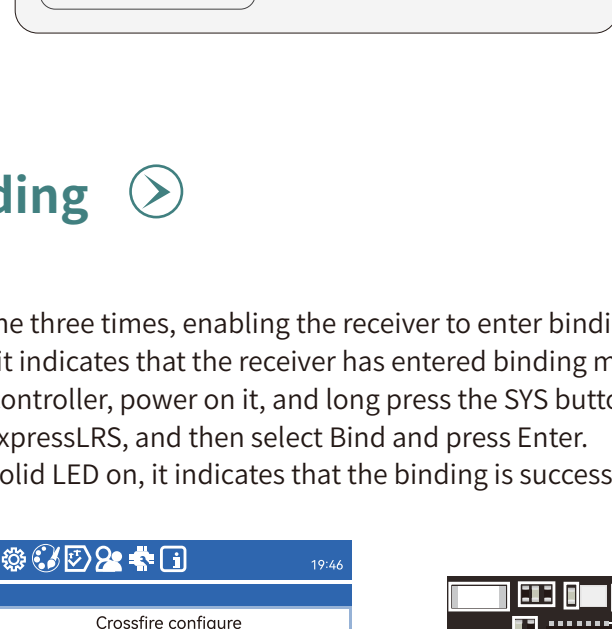


5. Frequency And Power Control Methods

1. Adjust the graph transmission frequency and power by Betaflight.

Please set the VTX band and channel that matches your goggles. The default setting Low Power Disarm is On.

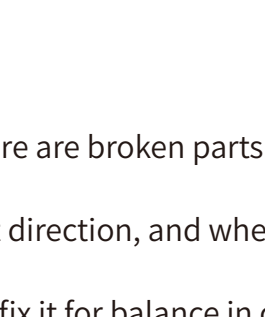
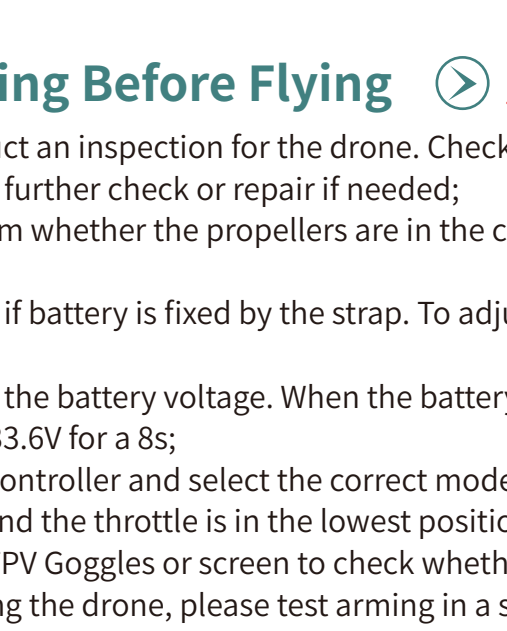
We recommend using Low Power Disarm to prevent VTX transmitter overheating during standby before flight.



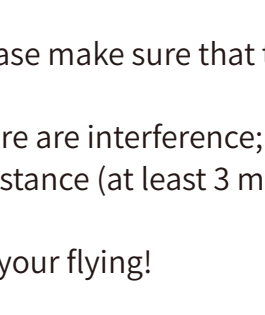
6. Receiver Binding

ELRS Receiver:

1. Power on and off the drone three times, enabling the receiver to enter binding mode. When LED of the receiver flashes quickly twice, it indicates that the receiver has entered binding mode.
2. For the EDGE TX remote controller, power on it, and long press the SYS button to access TOOLS interface, slide the cursor down, select ExpressLRS, and then select Bind and press Enter.
3. When the receiver has a solid LED on, it indicates that the binding is successful.



Green Double Flash: Binding Mode



Green Steady: Binding Successful

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7. Checking Before Flying

1. Please conduct an inspection for the drone. Check if there are broken parts or damage, and please conduct further check or repair if needed;
2. Please confirm whether the propellers are in the correct direction, and whether screws are locked;
3. Please check if battery is fixed by the strap. To adjust or fix it for balance in case that it gets hit by propellers;
4. Please check the battery voltage. When the battery is fully charged, it should be 16.8V for a 4S, 25.2V for a 6S, 33.6V for a 8S;
5. Turn on the controller and select the correct model. Please make sure that the arming switch is "disarmed" and the throttle is in the lowest position;
6. Turn on the FPV Goggles or screen to check whether there are interference;
7. After powering the drone, please test arming in a safe distance (at least 3 meters), and check whether propellers work normally;
8. Please take off in a safe area without people, and enjoy your flying!

8. Warranty Terms

1. For those performance faults caused by non-human factors within 3 months from the date of purchase, we provide repair & maintenance service for free. After 3 months, no labor fee will be charged for repairs. If you want to replace parts, you must pay for the cost.

2. Note: if you choose to fly close to water, please pay attention to the flight safety. It is difficult to salvage the Quadcopter when it falls into the water, and the water in the Quadcopter is not covered by the warranty.



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