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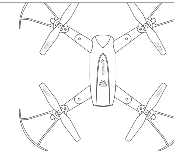

SP500

4-Axis GPS Drone

14+

USER MANUAL

Please read this manual carefully before flying and keep it well for future reference.

V3.01

ENGLISH

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DISCLAIMER AND SAFETY GUIDELINES

Please read the disclaimer carefully before using this product. By using it, you hereby agree to this disclaimer and signify that you have read them fully.

1. Before flying, please make some practice with a simulator or seek for the instruction from a professional.
2. DO NOT fly above or near obstacles, crowds, open water, public road, high voltage power lines or trees.
3. DO NOT use the drone in severe weather conditions, such as a rainy day or windy (wind speed is less than 5.5m/s), snow, hail, lightning, tornadoes, hurricanes, etc..
4. DO NOT fly the drone in the magnetic interference area, radio interference area, and government regulated no-fly zones.
5. The fast rotating motors and propellers are a potential hazard to cause serious damage and injury. A safe distance of 2m must be maintained from the drone at all times while it is operational. Fly with responsibility.

← 2M →

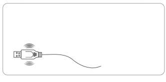
DISCLAIMER AND SAFETY GUIDELINES

6. Please maintain the line-of-sight of your drone at all times after it is powered up. Do not rely on the camera image to control your drone.
7. This product is not a toy and not recommended for users under age 14.
8. This product is not intended for professional aerial drone photography.
9. All parts must be kept out of the reach of children to avoid CHOKE HAZARD.
10. CAUTION: Dispose of the drone and batteries in accordance with local regulations. DO NOT treat it as household waste.
11. Be sure to observe all local regulations, obtain appropriate authorizations and understand risks. Please note it is solely your responsibility to comply with all flight regulations.

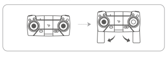
SNAPTAIN accepts no liability for damage, injury or any legal responsibility incurred directly or indirectly from the use of this product. The user shall observe safe and lawful practices including, but not limited to, those set forth in these Disclaimer and Safety Guidelines. SNAPTAIN reserves the right to update this user manual.

FLIGHT PREPARATION

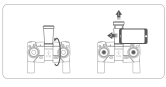
6. Charge the remote. It may take 1 hour to reach a full charge.



7. Unfold the **Remote Handle.**

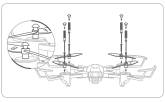


8. Unfold the **Phone Clamp** when using the mobile device to fly the drone.

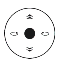


FLIGHT PREPARATION

9. Replace the propeller when it's needed. (Optional)



① Remove the cap on the propeller.
② Loosen the screw to remove the propeller.
③ Fit the spare propeller into the drone. Make sure the mark (A/B) on the propeller is the same as the mark on the arm of the drone.
④ Tighten the screw and install the cap.



LED INDICATORS DESCRIPTION

Function	Front LEDs	Rear LEDs
Color	Red	Green
Power On	Flash slowly	
Pairing	Flash quickly	
Compass Calibration	Horizontal Calibration Completed: Solid on Vertical Calibration Completed: Solid on	Horizontal Calibration Completed: Off Vertical Calibration Completed: Solid on
Gyro Calibration	Start Calibrating: Flash quickly for 4s Calibrated: Solid on	
GPS Mode	Solid On	Solid on
Failsafe RTH	Flash quickly	
Low Battery Status	Low Battery: Flash slowly Critical Low Battery: Flash quickly	

PARAMETERS

Motor	8520 Coreless
Control Range	≤220m
FPV Range	≤220m
Maximum Flight Relative Height	120m
Flight Time	≈15mins
Charging Time	≈2.5H
Photo Resolution	1920 x 1080
Video Resolution	1080P@25fps
Photo Format	JPG
Video Format	MP4
Storage	Save to the mobile device and memory card(support up to 128G)
Mobile App Requirement	Android 5.1 and later, iOS 9.0 and later