

INTRODUCTION

Thank you for purchasing the P70-GPS Shadow Drone. Please read all instructions and warnings carefully before operating. Please also keep this instruction manual for future reference and maintenance.

IMPORTANT:

1. This product is not a toy. It is a precision device; integrating machinery and electronics with air mechanics and high frequency transmission. It requires correct assembly and debugging to avoid any accident. The user should operate and control this product in a safe manner. In case of incorrect operation, it may cause serious injury or damage property. It can also be lost due to incorrect operation.
2. This product is suitable for experienced UAV pilots no less than 14 years of age.
3. In the event of a problem during using, operating, or maintenance, please contact the local sales agent or retailer or keep in touch with the responsible staff of our company.

SAFETY PRECAUTIONS:

This R/C flying model can be dangerous when in use, please make sure you keep it far away from any persons or spectators when flying. Incorrect installation, poor conditions, or users not familiar with operation may cause damage to the aircraft or injure people or may cause an unexpected accident. Please pay close attention to flying safety and learn to recognize more dangerous conditions which may cause an accident due to your own negligence.

1. **Keep it far away from any structures or crowds.**

This R/C aircraft may vary slightly in speed or sensitivity while flying and can cause potential danger. Therefore, please keep it far away from crowds, buildings, trees, structures, high-voltage wire, etc. Please also avoid flying in adverse weather conditions such as rain, electrical storms, and high winds to ensure safety of the user, any spectators, and surrounding property.

2. **Keep it away from any moist environment.**

The inside of the aircraft is composed of many precision electronic and mechanical parts. Therefore, please try to avoid any moisture or water content from entering the main body of the aircraft as it may cause a breakdown of the mechanical and electronic parts and thus cause an accident.

3. **Only operate with included parts for intended use.**

Please use the original parts made by Promark for any re-equipping or maintenance to ensure flying safety. Please operate and use only under the scope of the product function permitted. Using un-approved parts will void warranty.

DO NOT use for any illegal purpose or use beyond the scope of which your local laws and regulations have stipulated.

4. **Avoid controlling it independently.**

New users may have certain difficulties during the early stages of learning to operate this aircraft. Please try to avoid operating the aircraft alone. When available, always operate this aircraft under the guidance of a more experienced user.

5. **Do not operate under the influence of drugs or alcohol.**

Please operate this R/C aircraft according to your own state and flying skill. Any fatigue, bad mental state, or incorrect operation may increase the probability of accidental risk.

6. **Please keep a safe distance from aircraft when using top speed.**

When the operator is flying in high speed, please keep the aircraft far from the pilot and any surrounding persons or objects so as not to cause danger or damage.

7. **Store it in a cool, dry place.**

The R/C aircraft is composed of material such as metal, fiber, plastic, electronics, etc. Therefore, please keep it away from any heat source and avoid prolonged exposure to direct sunlight. Excessive heat exposure can cause distortion and damage.

- NOTE: 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.
- Please note that changes or modifications not expressly approved by the party responsible for compliance could void the use's authority to operate the equipment.

WARNING

1. There is important information contained in this package and instruction manual, please keep it for future reference.
2. You have the responsibility to make sure that this model of aircraft won't cause injury to others' body or cause any damage to property.
3. Please operate strictly as shown on the instruction manual when debugging or assembling this aircraft. During the process of flying or landing, please pay more attention to keep 1-2 meters between the user and the aircraft to avoid colliding to the head or face or body, which may cause injury.
4. Our company and distributors won't be responsible for any incorrect operation, which may cause loss or damage or injury to the body.
5. Children ages 14 and up should use this product under the guidance of an adult. This product is FORBIDDEN to be used by children under 14 years old.
6. Please correctly assemble and use this product as shown on the instruction manual or packing instruction. Some parts should be assembled by an adult.
7. Small parts are included with this product. Please place it beyond the reach of the children to avoid a CHOKING HAZARD or parts being mistakenly swallowed.
8. Playing on the road or near high traffic areas is strictly FORBIDDEN so as not to cause an accident.
9. Please dispose of the packing material timely so as not to cause injury to children.
10. Please DO NOT disassemble or re-equip the aircraft as it may cause a breakdown of the aircraft during flying.
11. Batteries in the battery compartment of the charger should be inserted into the designated power source which has the same logo as the product.
12. Built-in rechargeable 3.7V lithium polymer battery included in the transmitter.
13. Only the original charger made from our factory can be used.
14. Charger is not a toy.
15. When charging the battery, please conduct it under the surveillance of an adult. Please also keep it far away from any combustible object when charging. Please keep this aircraft within eyesight when charging.
16. Please DO NOT make it short-circuited or squeeze the battery so as not to cause an explosion.
17. DO NOT mix the Li-ion battery with a different type of battery.
18. Intelligent lithium battery is loaded in the Quad-rotor. Both built-in or external can be used for charging.
19. Please DO NOT make the battery short-circuited or decompose the battery or throw the battery into the fire; DO NOT place the batteries near the high temperature or heated area (such as near the fire or near the electric heating device).
20. Aircraft should be kept far away from any other electric compliance or equipment as far as possible or kept far away from the place where having the magnetic object nearby as they may cause interference with each other.
21. Please keep the safe distance from the high-speed rotating rotor so as not to cause twisted or danger of being wounded or being cut.
22. Engine will heat up. Please DO NOT touch it to avoid being burned or injured.
23. Please DO NOT close this product to your ear as it may cause injury to your hearing.
24. Mini USB 5V wall charger recommended for charging. DO NOT use any charger stronger than 5V.
25. To comply with the command of the magnetic environment requirement formulated by the Aviation Radio Bureau and the related authority, during the regulated period in certain areas, please stop using the transmitter of this model when such regulation command is issued.
26. Fly at or below 400 feet and stay away from surrounding obstacles.
27. Keep your UAS within sight.
28. Never fly over groups of people.
29. Never fly over stadiums or sports events.
30. Understand airspace restrictions and requirements.



FAA REGISTRATION: PLEASE FOLLOW ALL FEDERAL, STATE AND LOCAL FAA LAWS. YOU MAY BE REQUIRED TO REGISTER YOURSELF AND YOUR DRONE WITH THE FAA. MORE INFO CAN BE FOUND AT: [HTTPS://WWW.FAA.GOV/UAS/GETTING_STARTED/](https://www.faa.gov/uas/getting_started/)

After receiving the certificate of registration, you must mark your **unique FAA registration number** on the Drone by any means, such as permanent marker, label, engraving. This number must be readily accessible and maintained in a condition that is readable and legible upon close visual inspection.

WARNING: Do NOT fly drone near airports or any other un-authorized areas. 5 miles from airports.

Follow all rules for Federal Aviation Administration (FAA) regulation summary for Small Unmanned Aircraft Systems (sUAS).

Read: Academy of Model Aeronautics (AMA) Know Before You Fly important information brochure.

WARNING: Product should only be used by adults and children 14 years and older.

Adult supervision required for children under 14 years of age.



WARNING: CHARGE ONLY USING FACTORY USB CHARGING CABLE & UP TO 5V WALL PLUG

WARNING: CHARGING OF THE DRONE BATTERY MUST BE SUPERVISED AT ALL TIMES BY AN ADULT. UNPLUG THE BATTERY WHEN FULLY CHARGED. DO NOT OVER-CHARGE THE BATTERY.

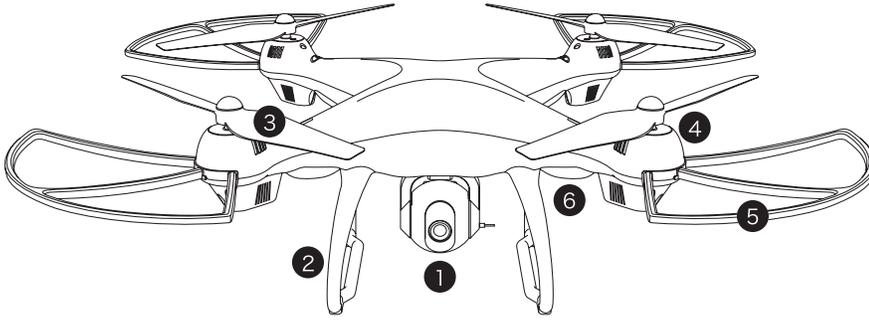


GPS SHADOW DRONE

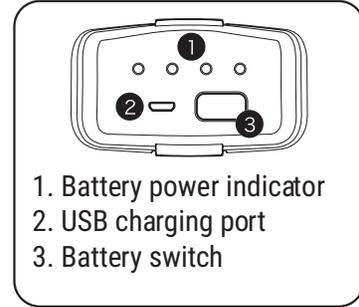
MAINTENANCE

1. Use a clean soft cloth to clean this product frequently.
2. Avoid heating or prolonged exposure to the sun.
3. Don't put the product in water. It will damage electronic parts.
4. Please check the plug and other accessories at regular intervals. If there is any damage, please stop using it immediately until it is repaired completely.

DRONE PARTS

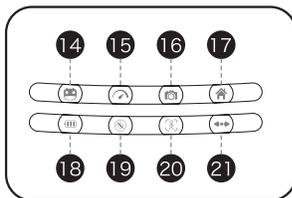
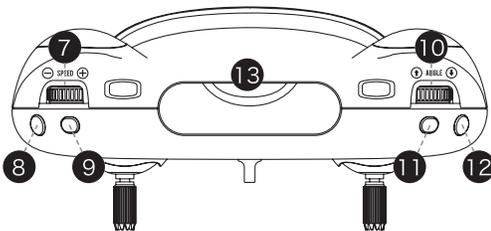
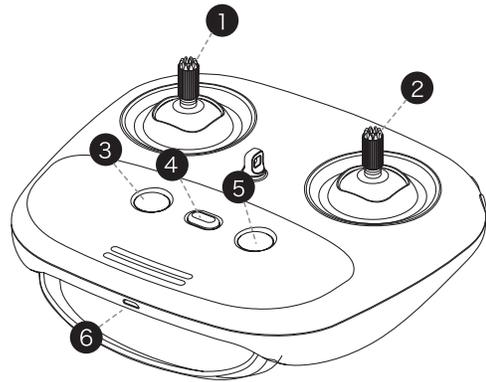


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|-----------------|----------|--------------------|
| 1. HD Camera | 3. Blade | 5. Blade Protector |
| 2. Landing Rack | 4. Motor | 6. LED indicator |



1. Battery power indicator
2. USB charging port
3. Battery switch

REMOTE CONTROL



1. Throttle joystick.
2. Direction joystick.
3. Press for one button RETURN HOME; press again to cancel Return Home.
4. ON / OFF.
5. One button take off with auto hover, one button landing
Hold 3 secs for Emergency stop.
6. USB charging port.
7. Speed+/Speed-.
8. Click once, enter Follow-me mode; Click again, cancel the follow-me mode.
Hold the button for 3 seconds, enter Trim mode. Click the button, cancel Trim mode.
Note: No need to trim under the GPS mode.
9. Click once to toggle headless/normal mode. Hold the button for 3 seconds to turn off GPS mode.
10. Adjust the angle of camera: Spin button down: camera down. Spin button up: camera up.
11. Click the button to take photo.
12. Click the button to take video; Click the button again to cancel video mode.
13. Phone Holder.
14. Power
15. Speed
16. Video
17. Return Home
18. Charging
19. Headless Mode
20. Follow-me
21. Trim-See #8 above for access to trim mode