

# INSTRUCTION MANUAL



## PRO10

- Thank you for choosing our PRO10 Drone.
- Please keep this manual for future reference.
- Thank you again, and hope you have an amazing flying experience.

PLEASE CAREFULLY READ THE INSTRUCTION MANUAL BEFORE FLYING.

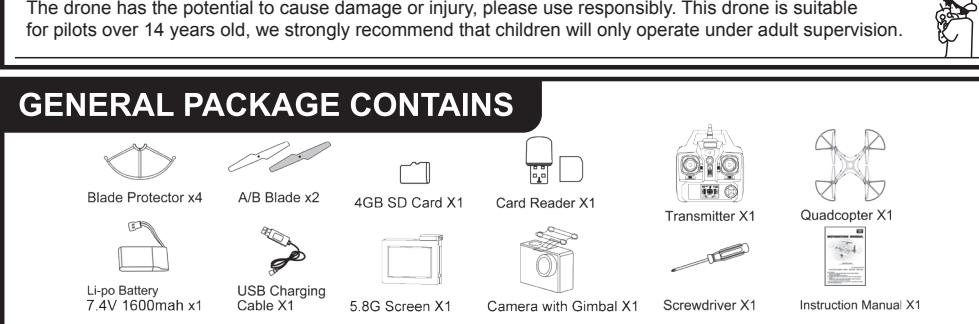
### IMPORTANT NOTES

- This product is NOT A TOY. It may cause injury or damage if not used properly. Please use this drone by following this instruction manual and do not attempt to disassemble by yourself. If you do, manufacturer warranty will revoke.
- Please make sure you practice this drone carefully in an open air area in order to avoid any potential damage or injury.

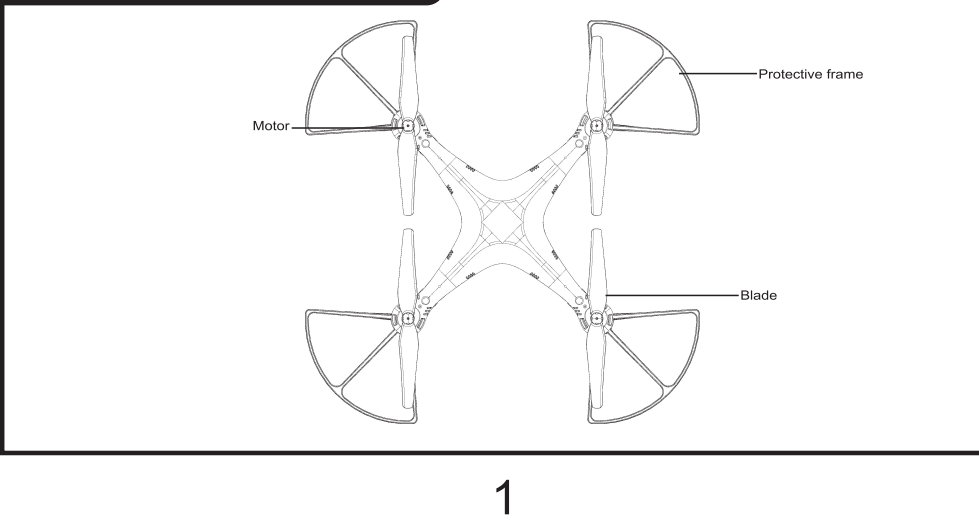
### SAFETY NOTES

- CAUTION** Fly only in open areas and away from other people or obstacles. This R/C Drone holds potential for damage or injuries and therefore, the responsibility to operate this drone properly is in the pilot's hands. Please make sure you use this drone responsibly and make sure your pilot skills safely.
  - PREVENTION** Special despecial design for indoor & outdoor, please keep it away from obstacle
- This product is suitable for indoor and outdoor flight, please choose an area free of obstacles and keep distance from other people. Do not fly under unsafe conditions such as heat source, wire or electric power source.

### GENERAL PACKAGE CONTAINS



### DRONE INSTRUCTIONS



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**CAUTION**

- Make sure that no people or obstructions are in the vicinity. You must first practice hovering for flying safety. This is a basic flight action.
- Hovering means keeping the drone in mid air in a fixed position.
- Please stand approximately 2 m diagonally being the drone.

### CALIBRATION

If the drone has gone through a trimming process and it still keeps drifting then please follow the following steps in order to reset the gyroscope through Auto-Calibration:

1. Ensure all trims are centered.
2. Power on the transmitter and pair it with the drone.
3. Pull the left lever down to the right corner and the right lever down to the left corner. The LEDs will flash and a beep will sound. The drone is calibrated.
4. Raise the throttle to bring the drone to a hover.
9. Use the trims on the transmitter to eliminate any drifting.

### TRIMMING INSTRUCTIONS

Slowly raise the throttle stick and just as the drone lift-off the ground, you can use the trim to correct the action if the drone leans in a different direction.

#### 1. Adjustment of rudder trim

Just before the drone lift-off, the nose lean left/right...  
When leans right, adjust the trim to left side.  
When leans left, adjust the trim to right side.

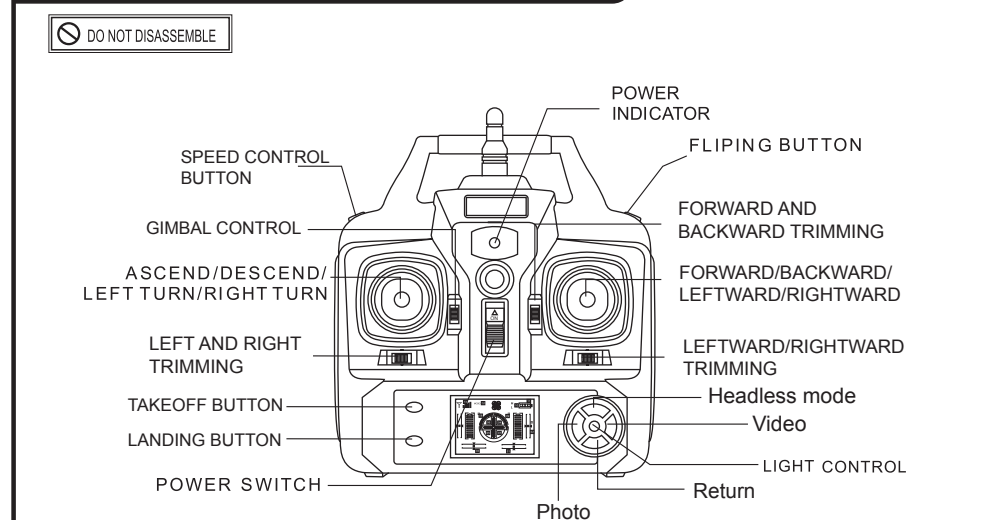
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### FLIPPING FUNCTION

When you are familiar with the basic operation, you can do some awesome & exciting tricks and stunts!  
First of all, fly the aircraft to a height of more than 3 meters, press the 3D Eversion switch on the rear right side of transmitter, then push the right rudder (in Any direction) to make 360 degree flip.

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### REMOTE CONTROL INSTRUCTION



### TRANSMITTER BATTERY INSTALLATION

**DO NOT DISASSEMBLE**

Put in 4 AA batteries. Please follow by the right "+" and "-" sign as the picture shown.

**CAUTION**

1. Install batteries with correct polarity.
2. Do not mix old and new batteries.
3. Do not mix different types of batteries.

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### CAMERA OPERATING INSTRUCTIONS

1. Camera Operating  
(1) Insert the three-line camera plug into the drone's board socket.  
(2) Insert the SD card to the camera and turn the Drone's power switch on.
2. Camera and Video Operating Instructions  
Take photos:  
In order to take photos, please refer to the image below and learn to identify the location of the photo button. Press the button and the camera will take a photo, the lights of the drone will flash once in order to indicate the photo was taken.  
Record videos:  
In order to record a video, please refer to the image below and learn to identify the location of the video button. Press the button and the camera will take a photo, the lights of the drone will continue to flash as long as the video is recording.

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### CHARGING THE LI-PO BATTERY

Turn off the drone, open the battery compartment cover and disconnect the battery. Connect the battery connector to the provided USB charger and connect the USB charger to a power source. The green indicator light will flick while the battery is charging, once charging is complete the green light will turn solid. Once charging is complete, place the battery back into the drone and it is ready to fly.

Charging time: About 120 minutes Flight time: About 8 minutes

**CAUTION**

For safety concerns, battery must be charged under supervision at all time.

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### RETURN FUNCTION

The return button is made to use in "Headless mode" in order to bring the drone back to its user. Please note, this is NOT a GPS drone and it CAN NOT return to the pilot from any given position. The concept behind this function is that in "Headless mode" your drone is always in front of you facing your forward and therefore, if you press the "Return" button the drone will fly backwards assuming the pilot is there. Use the right lever to direct the Drone back to you.

### Camera Gimbal Instructions

The PRO10 is equipped with a radio-controlled camera Gimbal which allows the pilot to adjust the camera's viewing angle while the Drone is flying up in the air. Using this feature allows the pilot to find the perfect angle for photos, videos or FPV flights through the 5.8G display. Use the shown button in order to adjust the camera's angle. The Gimbal movement is restricted to up-down.

### PARTS LIST

NO	Name	Quantity
1	4 Axis cover	1
2	4 Axis Base	1
3	Li-polymer Battery	1
4	Motor	4
5	A Blade	2
6	B Blade	2
7	Protective frame	1

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### PAIRING THE DRONE WITH THE REMOTE CONTROL

**Step1**  
Turn the drone on and place it on a flat surface.

**Step2**  
Turn the remote control on and push the left lever all the way up and then pull all the way down, you will hear a beep sound and the indicator light will stop flashing, at this point your drone is paired with the remote control and you are ready to fly.

**CAUTION**  
Bring all the way down and push all the way up.

**Step3**  
When done flying, turn off the power switch and disconnect the battery.

**WARNING**  
Please always disconnect the battery in order to protect the battery and to have a longer battery live.

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**Step4**  
Turn off the transmitter. If transmitter is not to be used for a long duration, please remove the battery for storage.

### OPERATING INSTRUCTIONS FOR AUTO-HOVERING VERSION

1. Press the "Takeoff" button and the Drone will ascend and hover over the ground.
2. Use your left lever to set the desired altitude and the auto-hovering function will keep the Drone hovering. This function is especially recommended for videos and pictures as it allows the pilot to concentrate at the streaming without any concern about losing altitude. Use the right lever to navigate your flight and go forward, backward, or sideways.
3. Once you are done with your flight, press the "Landing" button and the Drone will gradually descend and land itself on the ground.

Mode	Illustration	Mode	Illustration
Aileron	Move left, Move right	Throttle	Ascent, Descent
Elevator	Fly forward, Fly backward	Rudder	Turn left, Turn right

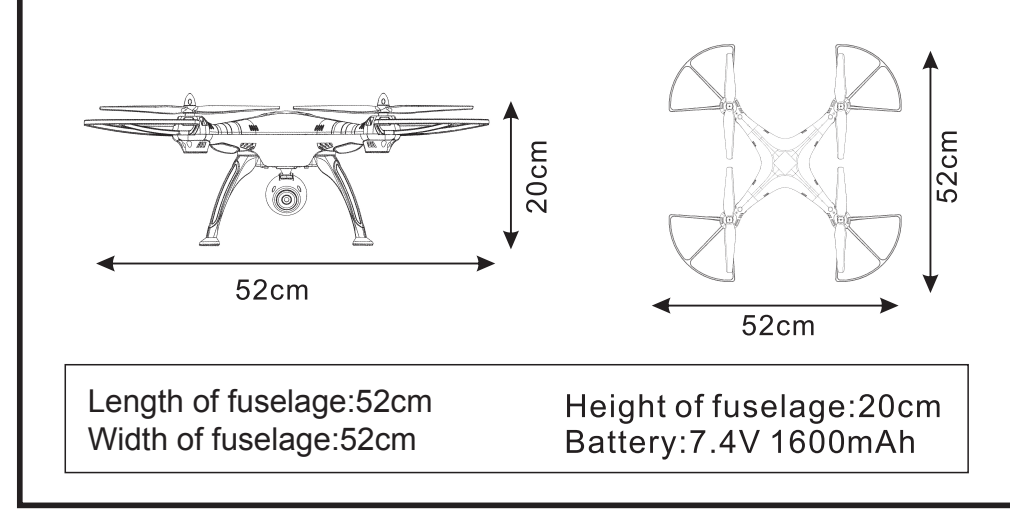
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### TROUBLESHOOTING

Issue	Possible reasons	Solution
1. The Transmitter's light keeps blinking when trying to start flying	The drone is not paired with the remote-control.	Turn the remote control off and unplug the drone battery. Plug back the drone's battery and follow the pairing instructions (page 4).
2. Plugging the battery and receiving no response from the drone.	1. Remote-control is turned off. 2. No batteries in the remote-control.	1. Turn the remote-control on. 2. Place new batteries in the remote-control.
3. The drone's LEDs are flashing but the drone does not takeoff.	1. Drone's battery needs a charge. 2. Auto-hovering system.	1. Charge the drone's battery fully. 2. Press the "Takeoff" button.
4. Main rotor spins but unable to take off.	1. Deformed main blades. 2. Drone battery depleted.	1. Replace main blades. 2. Charge or replace with fully charged battery.
5. The drone is strongly vibrating when operating.	Deformed main blades.	Replace main blades.
6. The drone keeps drifting to a certain direction.	Drone needs trimming.	Follow the trimming instructions (page 6).
7. The drone is drifting to certain direction after trimming.	Gyroscope is not balanced.	Follow the Calibration instructions (page 6).

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### MAIN PARAMETER



We believe that you should make the most out of your drone. If you are ever in need of advice, service or parts please visit our website for a list of our retailers.

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