Thank you for your purchase of Protocol’s Manta Pro-6 4-Channel 2.4 Ghz Radio Controlled Quad-Copter! You are about to experience the fun it has to offer, flight after flight. Please take the time to read this manual thoroughly. It contains many tips and instructions on how to get the most out of this aircraft and maintain it for long use.

As with any aircraft, this is a precision flying machine. Treat it well and enjoy all the fun it has to offer, flight after flight.

**SAFETY AND PRECAUTIONS**

1. Keep small parts out of reach of children to avoid accidents.
2. Do not expose quad-copter in the sun or a bright light.
3. After flying, disconnect the battery.
4. Keep the battery away from heat sources and / or fire.
5. Keep the quad-copter at a distance of at least 2 meters from yourself, others, and obstacles.
6. Do not use or leave battery near a heat source such as a fire or space heater; exposure to heat may result in reduced performance or in some cases dangerous conditions.
7. The remote controller batteries can not be recharged. Do not mix new batteries with old batteries or mix batteries of different types.
8. Always turn off both the transmitter and quad-copter when not in use.
9. Never attempt to short-circuit the battery terminals or the quad-copter.
10. The Manta is made of durable plastic and can withstand a lot of punishment. However, do not abuse it.

**SPECIFICATIONS**

- **Rover Diameter**: 3.6”
- **Length of fuselage**: 8.6”
- **Width of fuselage**: 9.4”
- **Height of fuselage**: 2.5”
- **Battery**: 3.7V/350mAh

**FEATURES**

- 4-Channel design allows the speed and responsiveness for both indoor and outdoor use.
- Each rotor head 360° rotation allows easy maneuvers.
- 360°-degree 3-dimension start and stalling function.

**BATTERY CHARGING**

1. Charge the Quad-Copter's On-Board Battery
2. 80 minutes of charging yields 8 minutes of flight
3. Caution: When using a computer USB port as power source, remember to unplug the USB cable prior to shutting down computer.
4. Charging cable must be less than 3V. Check monthly and recharge as needed.

**MANTA CONTROL**

- Move the left stick to the left
- Move the right stick to the right
- Move the left stick down
- Move the right stick backward
- Fine-tuning: Turn Left/Right
- Fine-tuning: Forward/Backward
- Fine-tuning: Side-to-side Strafing

**MANTAR CONTROL**

- Move the left stick to the left
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- Fine-tuning: Forward/Backward
- Fine-tuning: Side-to-side Strafing

**TIPS ON 3D STUNT & TUMBLING OPERATION**

Once you are familiar with the basics of quad-copter flight, you can try some advanced maneuvers! At a height of at least 10 feet, press the FLIP button [on controller’s right side] then move the right stick in whichever direction desired to perform a 360-degree flip in that direction.

**BATTERY INSTALLATION**

Unscrew and remove battery cover from RC unit, insert 4 'AAA' batteries, race polarity indicators. Replace battery cover.

Please visit our website for replacement parts: ProtocolNY.com

**Limited Warranty:**

Protocol RC Aircraft warrants this product to be free from defects in materials and workmanship for a period of 1 year from the date of purchase. During that period, we will repair or replace, at our option, any component that fails under normal, intended use. This warranty does not cover damage caused by accident, misuse, or abuse. This warranty is void if the product is modified or altered without the consent of Protocol RC Aircraft. Customer will pay for any labor required for warranty repair. The nature of the defect must be determined by Protocol RC Aircraft prior to warranty repair.

For service inquires or questions please contact our helpline ProtocolNY.com.