

· Read the ENTIRE instruction manual to become familiar with th Thank you for choosing Quadrone! This is a four-axis aircraft that car features of the product before operating. Failure to operate the product fly outdoors, in order to make it easier to control the aircraft. Please correctly can result in damage to the product, personal property or carefully read this manual before operating your Quadrone. Please cause serious injury. This is a sophisticated hobby product. It must be

INTRODUCTION

mechanical ability. Failure to operate this product in a safe and Before your first flight, please take the time to carefully read this manua responsible manner could result in injury or damage to the product or containing important flight information which will help your first flight go property. This product is not intended for use by children without direct

### operation and maintenance. It is essential to read and follow all the nstructions and warnings in this manual, prior to assembly, set up of

WARNINGS

adult supervision. This manual contains instructions for safety,

use, in order to operate correctly and avoid damage or serious injury

injury or property damage.

and Precautions  iagram attery Installation e Specifications ne nd Remote	1 1 2 2 2 3 4 4 4 5 5 5 6 6 8	<ol> <li>ADDITIONAL WARNINGS AND PRECAUTIONS</li> <li>Age Recommendation: Not for children under 14 years of age. This is not a toy.</li> <li>Always operate in open spaces away from obstacles, people, and hazards</li> <li>Always follow directions and warnings for this and any optional equipment carefully. (chargers, rechargeable battery packs, etc)</li> <li>Always keep small parts and electrical parts out of the reach of children.</li> <li>Always avoid water exposure to all equipment not specifically designed and protected for this purpose. Moisture can cause damage to electronics</li> <li>Never place any portion of the model in your mouth as it could cause serious injury or even death.</li> <li>Never operate your model with low batteries.</li> </ol>
		7. Never operate your model with low batteries.  SAFETY NOTES
S	10 11	If this is your first time flying a quadcopter read the manual carefully.
		in the to your mot time hying a quadoopter road the mandar carefully.

· All instructions, warranties and other collateral documents are subject you choose a flight area with no obstacles and maintain a safe distance to change at the sole discretion of our company. from people and pets. Do not operate near power lines.

RC models are composed of many precise electrical components. It is

leakage which may damage the controller. Please dispose depleted

mportant to keep the model and associated equipment away from moisture and other contaminants. The introduction of exposure to water or moisture in any form can cause the model to malfunction or crash. Do not operate or expose to rain or moisture. To avoid a potential fire hazard from batteries, do not short, reverse operated with caution and common sense, and requires some basic polarity, or puncture batteries. Battery charging should be done under adult supervision at all times, at a location out of reach of children. Do

not mix Ni-Cad and Alkaline batteries. Make sure the batteries are installed correctly to ensure correct polarity. If you do not plan to use your Quadrone for an extended period of time, remove the batteries from the controller to avoid battery

### batteries according to local laws and ordinances. S AND PRECAUTIONS

- nildren under 14 years of age. This is batteries. It is imperative to follow proper operational guidelines. The manufacturer and dealer assume no liability for accidental damages way from obstacles, people, and hazards.
  - caused by improper usage. Do not use any other charger other than Headless Mode the supplied charger included in this packaging in order to avoid potential fire or explosion. Do not crush, disassemble, burn,
- equipment not specifically designed

or reverse polarity.

- ture can cause damage to electronics. el in your mouth as it could cause
  - Make sure not to store the model near any heat source or

- Seek the help of an experienced pilot to help you fly. These safety instructions are intended not only for the protection of your Quadrone but also to protect your own safety. Improper operation can cause
- This product is suitable for indoor and outdoor use. Please make sure

- REMOTE CONTROLLER DIAGRA

Speed Selection Flip Buttor

- i-Polymer batteries have higher operational risks compared to other

# Li-Polymer Battery x1

slide it out of its holder. To do so, slide the battery cover out to access the battery. You can now remove the battery. Plug the provided USB charger into a USB port. Now connect the USB charger to the battery. The battery is now charging. The red light on the USB charger will turn on once the charging process has completed. Always charge your Quadrone under adult supervision and out of the reach of children. Charging time is

Directional Joystick Forward Trim

 RC models are made from various forms of plastic very susceptible to damage or deformation due to extreme heat and cold temperatures.

### adverse temperatures.

### 1. Use the included screwdriver to open the battery cover. Rotate counter landing gear will snap in when fully inserted. INCLUDED

and new batteries or batteries with different chemistries.

REMOTE CONTROLLER BATTERY INSTALLATION

2. Insert 3 AA batteries into the remote. Make sure the batteries are installed in the correct polarity as indicated in the controller. Do not mix old To install the crash guards, insert them into the

CHARGING YOUR DRONE

approximately 90 minutes. When you are ready to fly your Quadrone

again, reinsert the battery into its slot on the bottom of the drone.

BATTERY AND CHARGER SPECIFICATIONS

ASSEMBLING THE DRONE

Li-Po Battery 3.7V 600 mAh Flight Time:

(GP 15G R4P)

landing gear into the bottom of the drone. The

Usage Duration Charge Time

Operation Time: Non-Rechargeable

Approx. 90 Minutes



When you are ready to finish flying your drone, press the Auto Land Button on

your remote. The drone will slowly descend to the ground. Use the Directional

Joystick to steer the drone to where you want it to land. When it touches

down, the drone's propellers will power down and stop spinning.

Push the directional joyst

the right. The Quadrone will from OFF to ON. Place it on a flat surface. Do not move the Quadrone during the syncing process to ensure the gyroscope stays balanced. Push the throttle joystick to the left. The Quadrone will 2. Turn on your remote controller. The lights on the drone will begin to flash. After 5 seconds, the remote and the drone will begin to

### have been synced together. You are now ready to fly.

time, please take out the batteries in your remote controller. Potential battery leakage could occur and possibly damage the remote or create a fire hazard.		4	backwards.
a mo nazara.	Aileron		
FLIGHT CONTROLS			Push the directional joystick to the right. The Quadrone
Before flying your Quadrone, it is highly recommended that you			will fly to the right.

AUTO TAKE OFF To start the propellers, simply press the Auto Take Off button. The propellers

SYNCING THE QUAD AND REMOTE

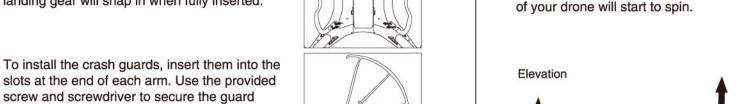
3. Push the Throttle joystick down to its lowest position. Now move it up to

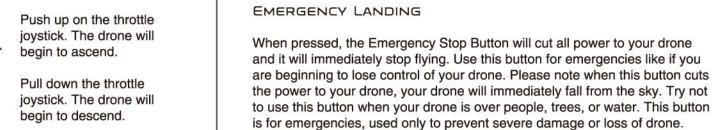
its highest position and back down again to its lowest. The lights on the

familiarize yourself completely with its controls. Read through the

instruction manual completely before attempting your first flight.

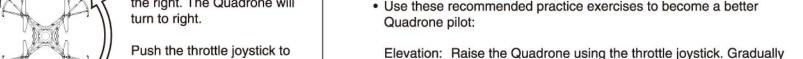
drone will stop flashing and turn on. The Quadrone and remote controller

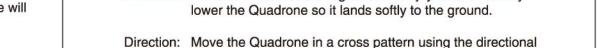




# PRACTICE TIPS

joystick. Move forward, backward, left, right, and back to its

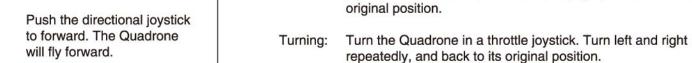




TRIMMING THE QUAD

If your Quadrone is leaning to or favoring a side, you may need to use

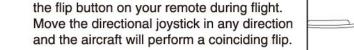
the trim feature to balance it out so it flies straight.



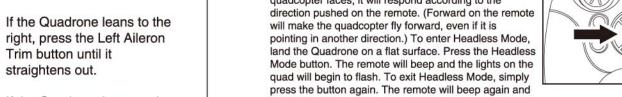
Once you have mastered the previous three exercise lights will remain on and return to normal. draw a circle on the ground. Practice flying within th

confines of the circle. Narrow the circle as your ski efer to drone diagram on page 4 for front). If you pair your drone while it is not in the front po

and rolls in midair. In order to do this, press



If the Quadrone leans back HEADLESS MODE press the Forward Tri button until it straightens out.



all lights will remain on and return to normal.

straightens out.

left, press the Right Aileron When in Headless mode, be sure you are positioned in the original pairing position. The best wa

If the Quadrone lean

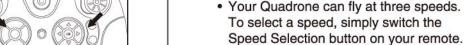
Trim button until it

straightens out

forward, press the Backward

If the Quadrone leans to th

determine this is by locating the FRONT of your drone. The front is the pairing point. It could b because you moved positions. Turn off your remoted and your drone and try pairing it again in



alinking, recalibration is complete and the quad

your drone is leaning to or favoring a side, you may [

ed to recalibrate the drone to balance it out so it

ies straight. To recalibrate, place the drone on a flat

epicted in the figure. The lights on the remote will

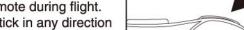
urface. Hold the two joysticks down and in as

ne-Key Remote button. The remote will been and th nts on the guad will begin to flash. To exit One-Ke teturn, press the button again or press forward on the Directional Joystick. The remote will beep again and all

best way to determine this is by locating the FRONT of your drone. The front is the pairing

### FLIPS AND ROLLS

Once you have mounted the new blade, you can refasten it with the screw. F





SPEED SELECTION

CHANGING THE BLADES

If a blade breaks or falls off your Quadrone during a crash, it will be up to you to repair it.

Propeller from the Drone. Rotate counter-clockwise to loosen. Remove the damaged

blade to be put on the correct motor or the drone will not fly correctly. A letter is marked

Use the screwdriver included in the package to remove the screw, detaching the

blade from the motor. You can now attach a new blade. It is important for the correct

on each blade to indicate which motor it should go on.

e, standard (carbon zinc), rechargeable (nickel hydride) batteries

rned on. No response to controller.

Motor spins but doesn't take off.

Quad still wanders forward after trim

adjustment.

Cannot fly after crash.

GLTOYS™ is an innovative division of DGL Group

195 Raritan Center Parkway, Edison, NJ 08837.

Forward trim is too high.

1. Motor fell out. 2. Gear loosened.

Safety Guidelines

and you must see and avoid other aircraft and obstacles at all times.

### Follow community-based safety guidelines, as developed by organizations such as the Academy of Model Aeronautics (AMA).

Ltd. will repair or replace the unit free of charge upon receipt of the unit. shippe Fly no higher than 400 feet and remain below any surrounding obstacles stage prepaid and insured to our warranty center. The warranty covers nor Keep your drone in eyesight at all times, and use an observer to assist

Remain well clear of and do not interfere with manned aircraft operations,

 Do not intentionally fly over unprotected persons or moving vehicles, and remain at least 25 feet away from individuals and vulnerable property.

Contact the airport or control tower before flying within five miles

- Do not fly in adverse weather conditions such as in high winds or
- Ensure the operating environment is safe and that the operator is competent
- No response after quad is turned on.

  2. Batteries are installed at and proficient in the operation of the drone.
  - Do not fly near or over sensitive infrastructure or property such as power ır warranty center at the phone/email listed below. If it is determined that a re stations, water treatment facilities, correctional facilities, heavily traveled s necessary, our warranty department will issue you an RMA number/form and ar
- Motor does not respond to throttle. Battery has been depleted. Recharge quad batter roadways, government facilities, etc.
  - Check and follow all local laws and ordinances before flying over 2. Quad battery is depleted.
  - t conduct surveillance or photograph persons in areas where ther Bent or damaged rotor blades. Replace damaged blade. an expectation of privacy without the individual's permission.

Use only with specified charger and player.

Store between 32° F (0° C) and 140° F (60° C).

See operating instructions of this battery or product.

Do not dispose of in fire or water.

Keep away from children.

### PREPARATION FOR SHIPPING YOUR PRODUCT Please repack your product in a durable box, preferably in the original carton, and

### prepaid, and adequately insured. Include the RMA form that was issued by

### Battery Disposal Guidelines

### ddress (if available) inside the shipping carton. If your warranty has expired, To reduce the risk of fire or burns: contact our warranty center for charged service. For further information please Do not disassemble, crush, puncture, or short external connectors contacts. send all inquiries to support@dglusa.com

## Do not expose to high temperature above 140° F (60° C).

# **IMPORTANT NOTICE!**

### DO NOT ATTEMPT TO SHIP YOUR PRODUCT BACK WITHOUT FIRST CONTACTING OUR WARRANTY DEPARTMENT AT





Limited 90-Day Warranty

instances may not apply.

REPAIR/REPLACE PRODUCT

DGL Group, Ltd. warrants to the original consumer that this product is free from

any electrical or mechanical defects for a period or 90 DAYS from the date of

ourchase. If any such defect is discovered within the warranty period, DGL Group

loval of any parts/components voids all warranties. This warranty does no

ness, are hereby limited to 90 DAYS from the date or purchase. Consequential

or incidental damages resulting from a breach of any applicable express or implied

cover cost of repairs made or attempted outside by third-party individuals and

warranties are hereby excluded. Some states do not allow limitations on the

duration of implied warranties and do not allow exclusion of incidental or

f your product begins to malfunction or stop working, immediately call or

address to the nearest return center to ship the product to. IMPORTANT NOTICE

We will reject all returns that are not accompanied by an issued RMA form and

number so make sure to contact our warranty center before attempting to return

consequential damages, so the above limitations and exclusions in these

Batteries should be recycled or disposed of as per State and Local guidelines

support@dglusa.com

WARRANTY REPLACEMENT DEPARTMENT

DGL Group. Ltd.

Warning: Changes or modifications to this unit not expressly approved by the

party responsible for compliance could void the user's authority to operate the

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

However, there is no guarantee that interference will not occur in a particular

on, the user is encouraged to try to correct the interference by one or more of

television reception, which can be determined by turning the equipment off a

Connect the equipment into an outlet on a circuit different from that to which

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.

installation, if this equipment does cause harmful interference to radio or

the following measures:

the receiver is connected.

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and rece

Consult the dealer or an experienced radio/TV technician for help



One-Key Return

Headless Mode

Changing the Blades

Safety Guidelines

Limited 90-Day Warranty

Flips and Rolls



