FCC Part 15 C Notice

CAUTION: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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 experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions :

(1) This device may not cause harmful interference, and

(2) this device must accept any interference received, including interference that may cause undesired operation.

This product is manufactured by AMAX Group
12645 Memorial Drive Suite F1 #388 Houston, TX 77024
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Conforms to safety requirements of ASTM, CPSIA, FCC.

⚠ WARNING!
CHOKING HAZARD - Small parts.
Not suitable for children under 3 years.

Made in China

V1.0

PROPEL

GYROPTER™

2.4Ghz Motion Controlled Helicopter

WARNING: Never leave product charging unattended for extended periods of time. Always disconnect helicopter from charger immediately after the helicopter is fully charged. Please refer to enclosed safety instructions.

THIS PACKAGE CONTAINS:

Gyropter™

Remote Control

Spare Propellers

Instruction Booklet

Colors and styles may slightly vary.

ARTWORK NO.	DESCRIPTION	MDSER	DESIGNER	DATE
	110 x 173MM		Johnny	2019/08/05

PROPEL

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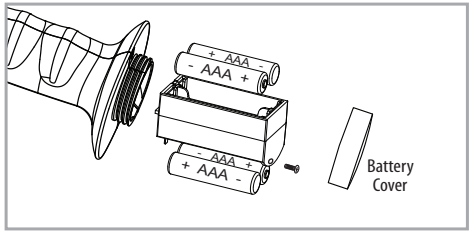
Thank you for purchasing the GYROPTER™ 2.4Ghz Motion Controlled Helicopter from Propel RC. Please read this instruction booklet carefully as it contains valuable information on how to properly fly and care for your helicopter.

FEATURES

- Brand new motion control technology is extremely intuitive and makes flying fun and easy.
- Air pressure sensor locks flight altitude.
- Built-in gyroscopic chip for extreme stability and control.
- Banks like a real helicopter even hovers in mid-air!
- 2.4Ghz motion controlled: fly left, right, forward, backward and hover.

REMOTE CONTROL BATTERY INSTALLATION

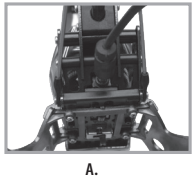
1. Twist off the battery cover from the remote control.
2. Use a screwdriver to remove the screw securing the battery tray.
3. Install 4 "AAA" alkaline batteries as shown in the diagram.
4. Insert the battery tray back to the remote control and tighten the screw.
5. Replace the battery cover.



Battery Compartment
(4 "AAA" batteries)

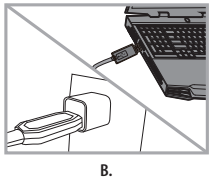
CHARGING THE HELICOPTER

1. Make sure the helicopter's power switch is in the "OFF" position and plug the USB charging cord into the charging socket of the helicopter(see diagram A).
   Caution: The USB plug fits the charging socket only in one way. Do not force it.
2. Connect the USB end of the cable to your computers USB port or a USB wall charger (see diagram B).
3. The red LED on the USB plug lights up when charging is complete (See diagram C).
   Note: If the red LED lights up, either the charging is complete or the USB plug is not properly connected.
4. The charging time will vary depending on the percentage of battery already charged. The average charging time is approximately 30-50 minutes. The helicopter operates for approximately 5-8 minutes per charge.

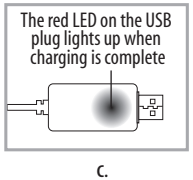


A.

Charging socket is located on the underside of the helicopter next to the power switch.



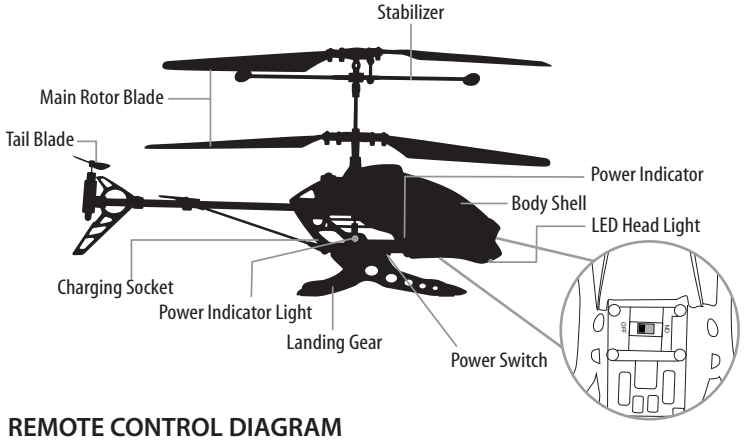
B.



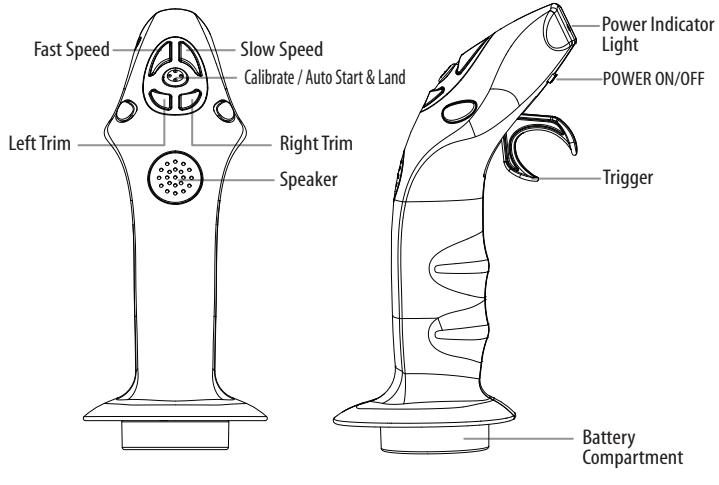
C.

IMPORTANT: ALWAYS DISCONNECT CHARGER CORD AFTER CHARGING. NEVER LEAVE CHARGER CONNECTED TO HELICOPTER OVERNIGHT OR FOR EXTENDED PERIODS OF TIME.

HELICOPTER DIAGRAM



REMOTE CONTROL DIAGRAM



PREPARING FOR FLIGHT

- Verify that there are 4 "AAA" fresh batteries inside the remote control unit and the helicopter has been fully charged.
- Make sure your helicopter is turned on and properly synced to your remote control (See "SYNC YOUR HELICOPTER" next page).
- Fly only in a large room free of obstacles with an open radius of at least 25 feet. Close all windows and doors, turn off fans and close air ducts or any other openings that may cause drafts in the room.

FLYING TIPS

- Parental guidance or adult supervision is suggested at all times.
- If you are flying the helicopter with others, make sure all spectators are behind you.

SYNCING YOUR HELICOPTER

Your GYROPTER™ utilizes an automatic 2.4G channel selection system that allows up to 8 people to fly side by side in the same wireless range.

FOR ONE PERSON PLAY:

1. Before starting, make sure that both your remote control and helicopter are turned OFF. Make sure that there are no other 2.4G devices nearby.
2. Turn ON the helicopter and set it down on a flat surface. The white LED head light will start to flash rapidly. This means your helicopter is searching for a controller to pair with.
3. Turn ON your remote control. The controller power indicator will light on. Now pull the trigger all the way down then up. The white LED head light of the helicopter will stary solid indicating that the helicopter and remote control are synced. When this happens you have properly synced your helicopter and you are ready to fly.

   Note: If the white LED head light do not stay solid, repeat steps 1-3 to sync the helicopter again.

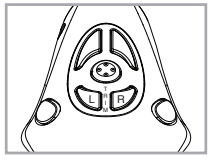
FOR MULTI-PERSON PLAY:

4. Before starting, make sure that all of the helicopters and remote controls are turned off. Make sure that there are no other 2.4G devices nearby.
5. Players must sync their helicopters successively. Make sure that no one else is syncing while you sync your helicopter by following steps 1 to 3 above.
6. When a player's helicopter is synced and working it should be left ON while the other players sync their helicopters.
7. Should there be a mistake or interference, all players must turn off their remote controls and helicopters and start the process all over again.

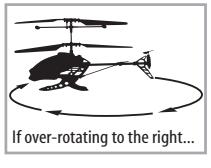
Before syncing, make sure the remote control's trigger is at its default position.

UNDERSTANDING HELICOPTER TRIM ADJUSTMENTS

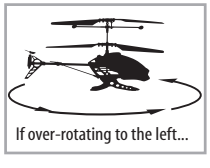
If your helicopter over-rotates CLOCKWISE (to the right), push and release the LEFT trim button repeatedly until the turning stops and proper flight is maintained. If your helicopter over-rotates COUNTERCLOCKWISE (to the left), push and release the RIGHT trim button in the same manner until the problem is resolved. Occasionally, you may need to adjust the left and right trim to ensure the helicopter flies straight and responds accurately to control commands.



Trim Controls



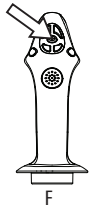
L R Push left trim.



L R Push right trim.

CALIBRATING THE HELICOPTER

If the HELICOPTER becomes unstable during the course of flying, you may need to calibrate the internal gyros. To do this place the HELICOPTER on a flat level surface. press and hold the Calibrate button. The LEDs on the HELICOPTER will flash quickly and then remain solid, this indicates your drone has been recalibrated (see diagram F).



F

AUTOMATICALLY TAKE OFF / LAND

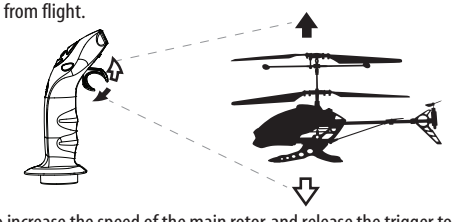
Make sure you have properly synced The HELICOPTER.

- Simply press the "start/land" button on the top of controller, your HELICOPTER will automatically take off.
- To stop or land the HELICOPTER just press the "START/LAND" button again and the HELICOPTER will descend and land automatically.

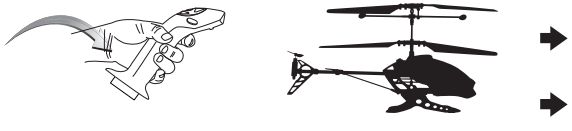
FLIGHT CONTROLS

While you're learning to fly your helicopter, it is best to start with a large room until you get used to the basic controls.

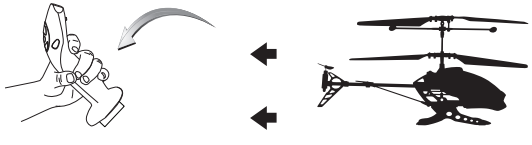
One-handed free from flight.



Pull the trigger to increase the speed of the main rotor, and release the trigger to decrease the speed of the main rotor. The helicopter will rise or descend accordingly.



Tilt the controller forward and to *move* forward.



Tilt the controller backward to *move* backward.

Tilt the controller left to spin counterclockwise.

Tilt the controller right to spin clockwise.

SPEED CONTROLS: Your air combat helicopter can operate in beginner (slower) or advanced (faster) speed mode. Simply press the SLOW button (green LED lights on) or FAST button (red LED lights on) .

HELICOPTER WARNING AND SAFETY PRECAUTIONS

The helicopter blades revolve at high speeds and can cause damage to the user, spectators, and animals. Stand away from the helicopter to reduce the risk of getting into the flight path. Warn spectators that you will be flying your helicopter so that they are aware of its position. Before flight, inspect the rotor blades to make certain that the blades are securely fastened to the helicopter.

WARNINGS

- Choking/Cutting Hazard. Small Parts/Sharp Rotor Blades.
- Keep hands, hair, and loose clothing away from the propeller when the power switch is turned to the ON position.
- Turn off the transmitter and helicopter power switches when not in use.
- The charging cable is for charging the helicopter's Li-poly battery. Do not use it to charge any other battery.
- New alkaline batteries are recommended for maximum performance.
- Parental supervision recommended when flying the helicopter.

PART REPLACEMENT INSTRUCTIONS

CONTENTS:

(1) upper rotor blade set	x 1		(3) connecting rods		x 4
(2) bottom rotor blade set	x 1		(4) screws		x 4

GYROPTER™ PROPELLER SYSTEM

Your GYROPTER™ propeller system is a precision instrument that may need repair or replacement from time to time for optimal flight function. Crash landing from high-speed aerial flights may damage your GYROPTER™ rotor blades or connecting rods.

TROUBLESHOOTING:

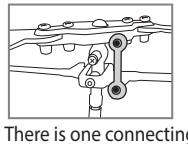
If your GYROPTER™ loses its ability to fly correctly, inspect the propeller system carefully for the following two common issues:

1. **Replacing The Connecting Rod**: The connecting rod is a small "handcuff" style device that stabilizes the "upper" rotors. There is one connecting rod on the upper rotor. Please **see Diagram 1**. If a connecting rod is broken or missing simply replace it by removing the existing broken unit and replacing it with a new one. You may have to use slight pressure when reattaching both ends of the new connecting rod. Make sure that the new connecting rod is secured and locked in place. **See Diagram 2.** Make sure there is no damage to the actual blade or arm that holds the connecting rod in place. If there is, you must replace the entire blade system.

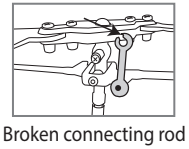
2. **Replacing The Upper and Bottom rotor blades:** The rotor is subject to damage as you learn to properly fly and control your GYROPTER™. If after a crash your helicopter has loss of control or flies erratically you should carefully inspect your entire propeller system for any sign of damage. Most common are cracked or chipped blade, broken connecting rod, and frozen balance bar (this is when the balancing bar and blade are jammed and can not move freely up and down). **See diagrams 3 through 12.**

REPLACING CONNECTING RODS

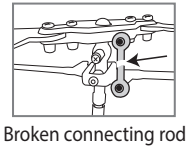
Diagram 1



There is one connecting rod on the upper rotor.

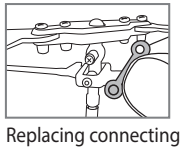


Broken connecting rod

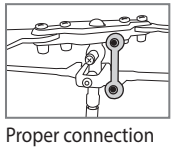


Broken connecting rod

Diagram 2



Replacing connecting rod



Proper connection

REPLACING THE UPPER ROTOR BLADE

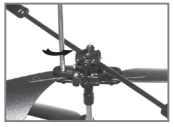


Diagram 3

Using a screwdriver turn counterclockwise to remove the screw.

Diagram 4

Remove the broken blade and carefully replace with a new one.

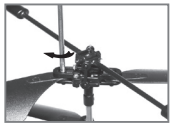


Diagram 5

Using the screwdriver turn clockwise to tighten the screw.

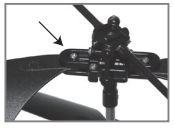


Diagram 6

When you tighten the screw you should test the blade to make sure that it still has free movement. If the blade cannot move freely, slightly loosen the screw.

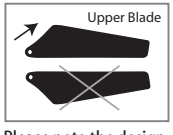


Diagram 7

Please note the design of the upper blade.

REPLACING THE BOTTOM ROTOR BLADE

Diagram 8

Using a screwdriver turn counterclockwise to remove the screw.

Diagram 9

Remove the broken blade and carefully replace with a new one.

Diagram 10

Using the screwdriver turn clockwise to tighten the screw.

Diagram 11

When you tighten the screw you should test the blade to make sure that it still has free movement. If the blade cannot move freely, slightly loosen the screw.

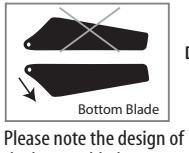


Diagram 12

Please note the design of the bottom blade.

BATTERY WARNINGS

RECHARGEABLE BATTERY:

This helicopter uses an internal Li-Poly rechargeable battery and is not replaceable. If the battery can no longer be charged, dispose of the helicopter properly according to local disposal requirements.

CONTROLLER BATTERIES:

Remote control requires 4 "AAA" batteries (not included). Please read the important battery safety warning below.

- Do not mix alkaline, standard (carbon-zinc) and rechargeable batteries (Nickel Metal Hydride).
- Do not mix old and new batteries.
- Non-rechargeable batteries are not to be recharged.
- Rechargeable batteries are to be removed from the item before being charged (if removable).
- Rechargeable batteries are only to be charged under adult supervision.
- Exhausted batteries should be removed immediately and must be recycled or disposed of properly according to state or local government ordinances and regulations.
- The supply terminals are not to be short-circuited.
- Only batteries of the same or equivalent type as recommended are to be used.
- Batteries are to be inserted with the correct polarity.
- Do not dispose batteries in a fire - batteries may leak or explode.

CARE AND MAINTENANCE

- Always remove the batteries from the remote control when it is not being used for an extended period of time.
- To clean, gently wipe the remote control and helicopter with a clean damp cloth.
- Keep the toy away from direct heat or sunlight.
- Do not submerge the toy into water. This can damage the unit beyond repair.
- Parental guidance recommended when installing or replacing the batteries.

Limited 90-Day Warranty

NORTH AMERICA

AMAX Group USA warrants to the original consumer that this product is free from any electrical or mechanical defects for a period of 90 DAYS from the date of purchase. If any such defect is discovered within the warranty period, AMAX Group USA will repair or replace the unit free of charge upon receipt of the unit, shipped postage prepaid and insured to our warranty center. The warranty covers normal consumer use and does not cover damage that occurs in shipment or failure that results from alterations, accident, misuse, abuse, neglect, wear and tear, inadequate maintenance, commercial use or unreasonable use of the unit. Removal of any parts/components voids all warranties. This warranty does not cover cost of repairs made or attempted outside by third-party individuals or companies. Any applicable implied warranties, including warranties of merchantability and fitness, are hereby limited to 90 DAYS from the date of purchase. Consequential or incidental damages resulting from a breach of any applicable express or implied warranties are hereby excluded. Some states do not allow limitations on the duration of implied warranties and do not allow exclusion of incidental or consequential damages, so the above limitations and exclusions in these instances may not apply.

REPAIR/REPLACE PRODUCT

If your product begins to malfunction or stop working, immediately email our warranty center at the email listed below. If it is determined that a return is necessary, our warranty department will issue you an RMA number/form and an address to the nearest return center for shipping 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 your product!

PREPARATION FOR SHIPPING YOUR PRODUCT

Please repack your product in a durable box, preferably in the original carton, and send it prepaid, and adequately insured. Include the RMA form that was issued by our warranty department along with your daytime telephone number and email address inside the shipping carton. If your warranty has expired, contact our warranty center for charged service. For further information please send all inquiries to: customercare@amaxbrands.com

IMPORTANT NOTICE! DO NOT ATTEMPT TO SHIP YOUR PRODUCT BACK WITHOUT FIRST CONTACTING OUR WARRANTY DEPARTMENT BY EMAIL AT:

customercare@amaxbrands.com