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.

⚠ WARNING!

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

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Visit us at www.amaxbrands.com
1 Helicopters, 1 controllers, 1 USB chargers and replacement parts included.

Made in China
C012-US-V1.0

HOVER HAWK

2.4GHz MOTION CONTROLLED HD VIDEO HELICOPTER

USER MANUAL

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:

Helicopter

Remote Control

USB Charging Cord

Spare Rotor Blades

Colors and styles may slightly vary.

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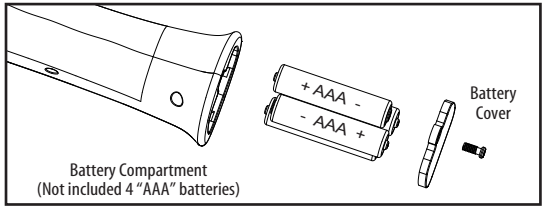
Thank you for purchasing the HOVER HAWK. Please read this instruction booklet carefully as it contains valuable information on how to properly fly and care for your helicopter.

FEATURES

- 720P camera streams directly to your mobile phone for instant video recording
- 3 Speed settings for beginner to advance pilot
- Obstacle avoidance technology at slow speed for beginner
- Automatically starts and lands with the push of a button
- Pilot with realistic Motion Controlled flight stick
- Built-in Gyro + Altitude Sensors For Incredibly Stable Flight

REMOTE CONTROL BATTERY INSTALLATION

1. Unscrew and remove the battery cover from the bottom of the controller.
2. Install 4 fresh "AAA" alkaline batteries into the controller. Replace the battery cover and secure it.
3. Press the power button.If the power indicator turns on you have installed your batteries properly.



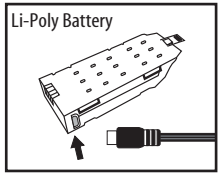
A.

CHARGING THE HOVER HAWK LI-POLY BATTERY

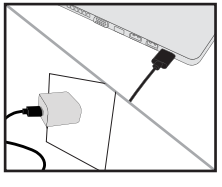
1. Pull off the battery frome the helicopter, then connect the USB charger to the battery charging socket (see diagram B). CAUTION: The USB plug fits the charging socket only in one way. Do not force it. Improper connection will damage the HOVER HAWK's battery.
2. Connect the other end of the USB cable to either your computers USB port or a UL/CE approved USB wall charger (see diagram C). IMPORTANT: If using a high-speed USB wall adapter make sure that the output is less than 8 Volts otherwise the HOVER HAWK internal charging circuit will shut down for safety reasons and not allow the HOVER HAWK to accept the charge.
3. The indicator light on the USB charger will turn to solid red to indicate that the battery is charging. The red LED indicator will turn off when charging is completed. Average charging time is approximately 35-40 minutes. Once fully charged the HOVER HAWK operates for approximately 6-8 minutes depending on the intensity of play.

LOW BATTERY INDICATOR: During play, when the HOVER HAWK 's batteries begin to get low, the onboard indicator lights will change to a flash BLUE color indicating that you have approximately one-minute left to play and shortly the HOVER HAWK will automatically begin to descend and land.

IMPORTANT: ALWAYS REMEMBER TO UNPLUG YOUR CHARGING CORD WHEN NOT IN USE!



B.

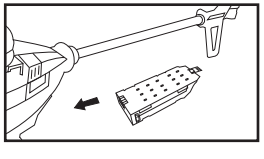


C.

INSTALL THE HOVER HAWK BATTERY

Carefully Push the fully charged battery into the HOVER HAWK battery compartment all the way in until it stops and is flush with back of the helicopter (see diagram D).

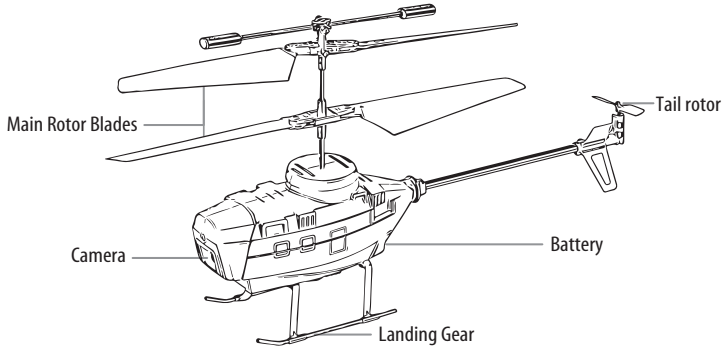
NOTE: The battery only fits one way into the battery compartment. Never force it.

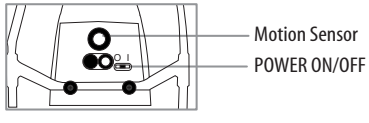


D.

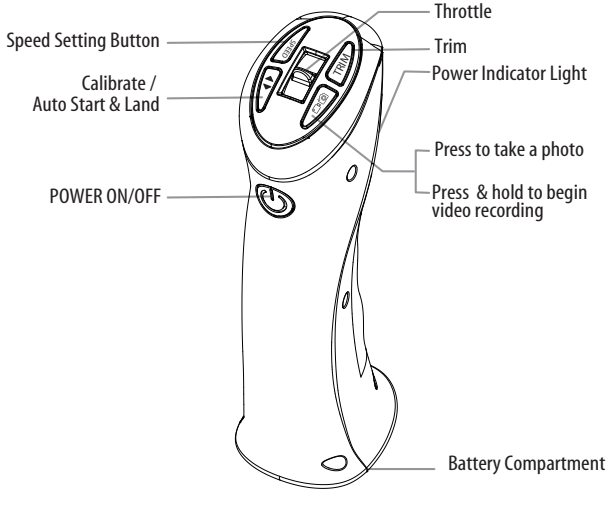
IMPORTANT: ALWAYS DISCONNECT CHARGER CORD AFTER CHARGING. NEVER LEAVE CHARGER CONNECTED TO HELICOPTER OVERNIGHT OR FOR EXTENDED PERIODS OF TIME.

HELICOPTER DIAGRAM





REMOTE CONTROL DIAGRAM



WARNING

DO NOT FLY YOUR HOVER HAWK IN FOUL WEATHER!

FLIGHT PREPARATION

- Verify that there are 4 “AAA” batteries inside the remote control unit and the HOVER HAWK battery has been fully charged.
- Make sure to be in a large open space preferably a field or a park with an open radius of at least 200 feet.
- Make sure to start your helicopter on a clean flat level surface before take-off.
- **IMPORTANT! Until you have experience in flying your HOVER HAWK, it is not advised to use in any rate of wind. Pick a day with zero wind or extremely light wind condition when learning how to fly.**

SYNCING YOUR HOVER HAWK

Important! When syncing your HOVER HAWK with the controller always make sure that the helicopter is on a flat level surface and that your digital trim settings are in the center position.

1. Before starting, make sure the power on your controller and the helicopter are off .
2. Turn on the helicopter and set it down on a flat level surface. The LED lights on the helicopter should begin to flash.
3. Quickly turn ON the controller and you will notice that the top red LED light on the face of the controller.
4. When you hear a beep of controller. If the indicator lights on the helicopter and controller stop flashing and stay solid on. You have successfully synced your HOVER HAWK and are ready to fly. If this doesn’t happen, repeat steps1-4 again.

SPEED SELECT BUTTON

The HOVER HAWK has 3 speed settings; 1 (SLOW), 2 (MEDIUM) and 3 (HIGH). The Default setting when you first turn on your HOVER HAWK is the 1 (SLOW) speed mode. To increase the speed simply trigger the speed setting button (see remote diagram on pg 3) you will hear beeping sounds of the controller will show you what speed setting you are on. Speed settings can be set before flight or during the flight.

SLOW MODE & OBSTACLE AVOIDANCE TRAINING FEATURE

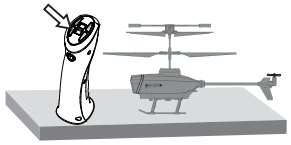
Simply press the Speed Button for 1 seconds, you will hear a beep indicating you are in SLOW MODE. SLOW MODE allows you to learn how to operate your HOVER HAWK. Also, there are set to avoid crashing into the floor. New obstacle avoidance training feature will cause the drone to automatically circumvent walls and other obstructions so new pilots can get the hang of flying. Set the HOVER HAWK speed in the SLOW MODE speed mode and the obstacle avoidance feature will start working.

Note: the obstacle avoidance feature only works for SLOW MODE.

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

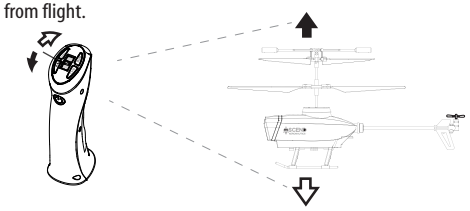
Make sure you have properly synced The helicopter.

- 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.

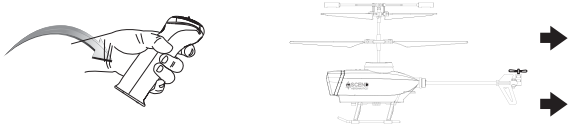
FLIGHT CONTROLS

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.

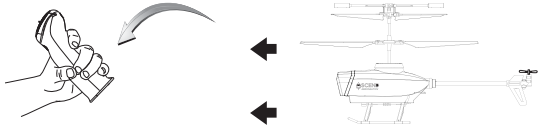
One-handed free from flight.



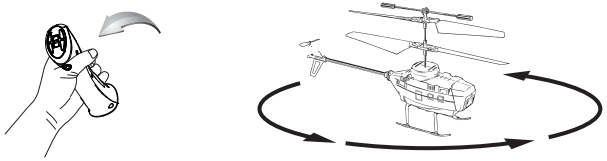
Push the throttle to increase the speed of the main rotor, and pull the throttle to decrease the speed of the main rotor. The helicopter will rise or descend accordingly.



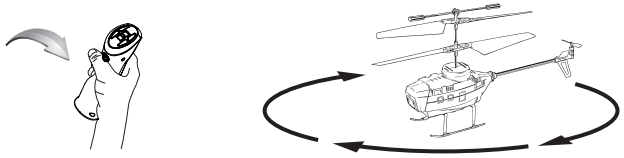
Tilt the controller forward to make the helicopter move forward.



Tilt the controller backward to make the helicopter move backward.



Tilt the controller to the left, and the helicopter will spin counterclockwise.



Tilt the controller to the right, and the helicopter will spin clockwise.

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.

CAMERA VIDEO AND PHOTO STREAMING SETUP

Your HOVER HAWK comes equipped with an on-board digital camera that takes both video and still photographs and streams them to your mobile device.

WHAT YOU WILL NEED TO GET STARTED USING YOUR CAMERA

1. One Apple or Android Smart phone* (Phone not included).
2. The HOVER HAWK App successfully downloaded and installed on your mobile device.

Note instructions on using the App are in the application tutorial

3. To Download the HOVER HAWK App, scan the appropriate QR code below which will link to the App on either the Android Play Store or Apple Store. If you are not able to scan the QR code, manually enter the web address located under the appropriate QR code for your phone.
4. After the HOVER HAWK App is installed, it should create an icon on your screen (see icon below). Click the icon to run the App and make sure that it has installed correctly on your device. If not, please delete and repeat the process again.
5. Follow the "TUTORIAL" for instructions on connecting/pairing your HOVER HAWK to the App and using the App for recording film and still photos.

ICON

HOVER HAWK

Apple® iOS

Android OS

* Apple® devices require the use of iOS 10.0 or higher.
ANDROID™ devices require the use of OS 4.2.2 or higher.

If you're still encountering difficulties downloading the HOVER HAWK App, please contact our customer service department at www.amaxbrands.com

PART REPLACEMENT INSTRUCTIONS

CONTENTS:

(1) upper rotor blade set x 1

(2) bottom rotor blade set x 1

(3) connecting rods x 2

HOVER HAWK PROPELLER SYSTEM

Your helicopter 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 helicopter rotor blades or connecting rods.

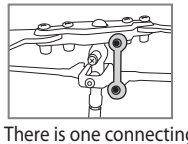
TROUBLESHOOTING:

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

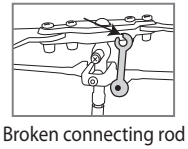
1. **Replacing The Connecting Rod**: The connecting rod is a small "handcuff" style device that stabilizes the "upper" rotors. There is one connecting rod on the upper rotor. Please **see Diagram 1**. If a connecting rod is broken or missing simply replace it by removing the existing broken unit and 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 helicopter. 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).

REPLACING CONNECTING RODS

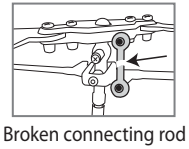
Diagram 1



There is one connecting rod on the upper rotor.

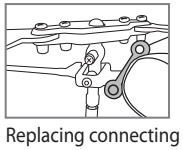


Broken connecting rod

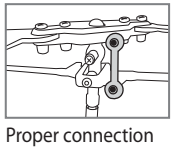


Broken connecting rod

Diagram 2



Replacing connecting rod

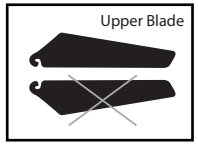


Proper connection

REPLACING THE UPPER ROTOR BLADE

A. Simply remove the broken blade with your fingers

B. Replace the old blade with a new one, hook the new blade onto the post until you hear a 'click.

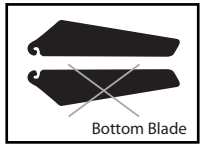


C. Please note the design of the upper blade.

REPLACING THE BOTTOM ROTOR BLADE

A. Simply remove the broken blade with your fingers

B. Replace the old blade with a new one, hook the new blade onto the post until you hear a 'click.



C. 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 ALONG WITH THE ORIGINAL RECEIPT evidencing that the product was purchased from an approved AMAX retail partner and that the product is still within the 90 day warranty period. 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 contact our warranty center (contact details 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 us. When honoring the warranty, AMAX reserves the right to either repair, replace or refund the product.

IMPORTANT NOTICE:

We will reject and return to sender returns that are not accompanied by an AMAX issued RMA form and RMA 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 and you still require service please contact our customer care team 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 AT:

Email: customercare@amaxbrands.com