

# PLEASE! DO NOT RETURN THIS PRODUCT TO ANY RETAIL STORE!

For any questions or problems with this product please contact us at:

Email: [info@interactivetoy.com](mailto:info@interactivetoy.com)

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Web site: [www.interactivetoy.com](http://www.interactivetoy.com)

## IMPORTANT SAFETY INFORMATION

Do not modify your Helicopter! Any changes or modifications to this product are strictly prohibited and will void product warranty. Do not attempt to charge the Helicopter from any other source other than the AC charger provided to charge the Lithium Polymer Battery or you will void the warranty! Any attempts at charging other products with the AC charger are strictly prohibited and will void the warranty! The Lithium Polymer Battery is permanently built-in to the Helicopter. Any attempts to tamper with or remove the Lithium Polymer Battery inside the Helicopter is strictly prohibited and will void the warranty. Do not point the Antenna directly at the Helicopter! Do not use in strong winds, use only in VERY mild conditions! Do not use in rain, snow or around heavy debris! Do not use near electrical lines or high voltage wires or other sources of electricity! Do not use around smoke or flames! Do not use around water and other liquids! Do not use in crowded areas! Do not use around air conditioning! Do not use around air vents! Do not use around ceiling fans! Do not use around large obstacles! Do not use in very small spaces! Do be conscious of changes in your area! Keep moving Rotors and Propellers away from eyes, hands, hair and loose clothing. Always turn off your Helicopter and Controller when not in use. Always remove the batteries from the Controller during storage. Always use new and fresh Alkaline Batteries in Controller for optimal performance. Battery performance will greatly influence flight characteristics. Keep your Instruction Manual in a safe place for future reference. Parental supervision required.

## IMPORTANT BATTERY INFORMATION

Use only batteries recommended in this instruction manual. Do not mix old and new batteries. Battery installation should be performed by an adult. Be careful to install the batteries with the correct polarity, as indicated. Do not use rechargeable batteries. Do not mix alkaline, standard, lithium, rechargeable, or different types of batteries. The supply terminals are not to be short-circuited. Exhausted batteries are to be removed as they will hinder performance. Never leave a battery unattended while it is being charged. Never leave a battery unattended in the presence of children. The Controller takes one 9V battery (Not included).

## FCC NOTE: U.S. ONLY

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. 2) This device must accept any interference received including interference that may cause undesired operation. 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 equipment. The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications 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 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 and 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 to an outlet on a circuit different from that to which the receiver is connected - Consult the dealer or an experienced radio/TV technician for help.

## Industry Canada Notice: Canada only.

### Industry Canada Notice

This device complies with Industry Canada licence-exempt RSS standard(s).

1. Operation is subject to the following two conditions:

- (1) this device may not cause interference, and
  - (2) this device must accept any interference, including interference that may cause undesired operation of the device.\*
2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

### Avis d'Industrie Canada

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement. Cet appareil numérique ne dépasse pas les Règlements sur l'interférence radio par un appareil numérique de classe B stipulés dans les Règlements sur l'interférence radio d'Industrie Canada.

14+  
Item# 50800

# INSTRUCTION MANUAL

**CAUTION: ELECTRICALLY OPERATED PRODUCT:**  
NOT RECOMMENDED FOR CHILDREN UNDER 12 YEARS OF AGE.  
AS WITH ALL ELECTRIC PRODUCTS, PRECAUTIONS SHOULD BE OBSERVED DURING HANDLING AND USE TO PREVENT ELECTRIC SHOCK.  
INPUT: AC 100-240V 0.32A MAX 50-60Hz  
OUTPUT: DC 9V 1.2A

The MAV Mosquito has been carefully packaged to avoid damage during shipping.  
PLEASE USE CAUTION WHEN UNPACKING.

## CONTENTS:



1 x HELICOPTER



1 x AC Charger Adapter



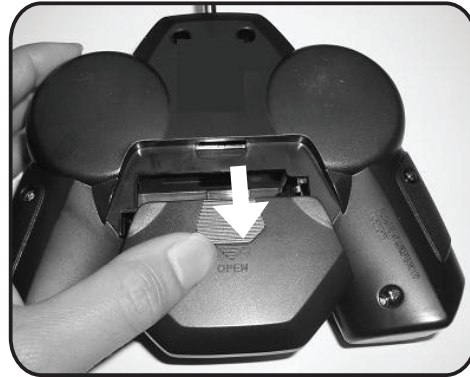
1 x CONTROLLER



## INSTALLING BATTERIES

### IMPORTANT BATTERY INFORMATION:

Do not mix old and new batteries, different types of batteries, standard carbon zinc, alkaline or rechargeable of different capacities. Rechargeable batteries are only to be charged under adult supervision. Please respect the correct polarity (-) or (+). Do not try to recharge non-rechargeable batteries. Do not throw batteries into the fire. Replace all batteries of the same type/brand at the same time. The supply terminals are not to be short-circuited. Remove exhausted batteries from the toy. Batteries should be replaced by adults. Remove batteries if the toy is not going to be played with for some time. The packaging should be kept since it contains important information.



1. Slide to open the battery compartment door.



2. Insert the 1 x 9V battery according to the picture shown. Ensure that the + and - polarities match the illustrations inside the battery compartment.

3. Replace the battery compartment door.

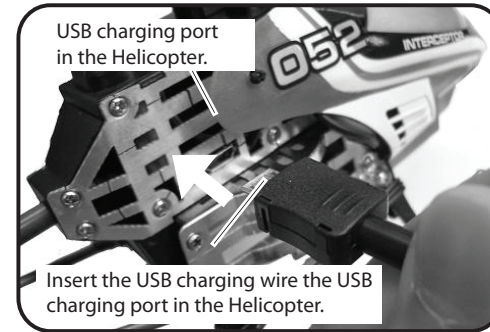
## CHARGING THE HELICOPTER

Before flying the Helicopter for the first time or if you have depleted the charge, you will need to recharge it. A typical charge takes about 60 minutes and allows for approximately 4-6 minutes of flying time.

MAKE SURE THE HELICOPTER IS TURNED OFF BEFORE THE RECHARGING CYCLE IS COMMENCED.

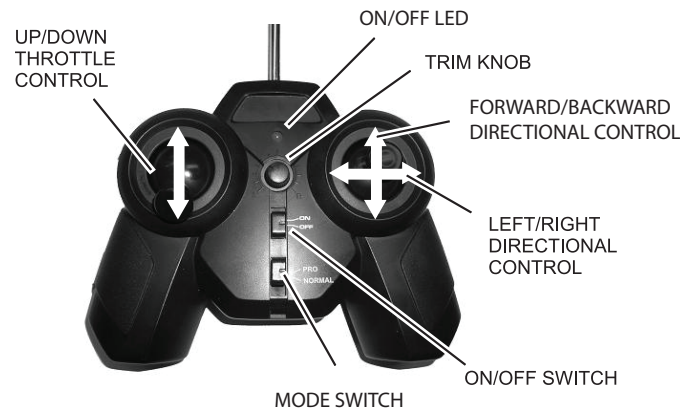
Note: During charging, both the RED LED on helicopter will light up. The LED will turn to GREEN when the charge is complete.

- 1) Ensure the Helicopter is turned off. When the helicopter turn off, the LED turned off.
- 2) Insert the AC charger in to power outlet.
- 3) Insert the charging wire into the Helicopter charging port which located on the right side of the Helicopter.
- 4) The charging LED of Helicopter turn on in RED. The Helicopter is charging. It takes 60 minutes to finish the charging.
- 5) When the charging LED turn to GREEN, the charging is completed.
- 6) Gently remove the charging wire from the Helicopter.



USB charging port in the Helicopter.

Insert the USB charging wire the USB charging port in the Helicopter.



## FLYING THE HELICOPTER

1. Turn the controller on by press the ON/OFF Button. The ON/OFF LED will light up.
2. Turn on the Helicopter on by slide ON/OFF switch located at the left side of the Helicopter as shown. The LED will light up.
3. Place the Helicopter on a flat level surface for launch.
4. On the controller, push the left stick all the way up once, and bring it back down completely to activate the control.
5. Push the left stick up again to activate the main rotors of the Helicopter.
6. Check to make sure that the main rotors are spinning smoothly. Increase the rotational speed of the main rotors by pushing the (throttle control) Left Stick up. The Helicopter can be launched from a horizontal surface.
7. Add more throttle by pushing up the Left Stick to increase altitude.
8. For maximum stability you may have to adjust the trim during flight as the Helicopter will likely begin to rotate in the air. Simply, turn the Trim Knob on your controller to the left if your Helicopter is rotating to the right. Turn the Trim Knob on your controller to the right if your Helicopter is rotating to the left.
9. To control the forward or backward move, simply slide the (Directional Control) Right Stick on the controller to Up or Down. Slide the Right Stick to the Up to move forward, or slide the Right Stick to the Down to move backward.
10. To control the left or right turn, simply slide the (Directional Control) Right Stick on the controller to Left or Right. Slide the Right Stick to the Left to turn left, or slide the Right Stick to the Right to turn right.
11. As the Helicopter is flying towards you, you will naturally experience a phenomenon called "Control Reversal". Pushing the Right Stick to the right will make the Helicopter fly to the left as it flies towards you. Pushing the Right Stick to the left will make the Helicopter fly to the right as it flies towards you.
12. If you are ready to fly more quickly, you can change to PRO mode. Slide the Mode Switch to PRO, then the forward or backward speed increases.
- 13) The Helicopter can be landed on just about any flat, stable surface. Gently release the (Throttle Control) Left Stick. The Left Stick is spring-loaded so releasing it will cause it to go down all the way. As the Left stick is gradually released, the main rotors will gradually slow down and stop rotating. The Helicopter will gradually land. It is important to not release the Left Stick suddenly while the Helicopter is still in the air. Doing this will stop the Main Rotors completely and make the Helicopter fall out of the air.
- 14) To Recharge your Helicopter follow the steps as outlined in "CHARGING THE HELICOPTER".

NOTE: YOU WILL NEED TO RE-ACTIVATE THE CONTROLS EVERY TIME YOU SWITCH THE HELICOPTER ON AND OFF BY SLIDING THE LEFT STICK UP AND DOWN ONCE.