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FLYBOTIC Air Mamba

FLYBOTIC Héli Air Mamba Remote Control Helicopter Instruction Manual

Model: Air Mamba | Brand: FLYBOTIC

1. INTRODUCTION

Thank you for choosing the FLYBOTIC Héli Air Mamba remote control helicopter. This 18 cm helicopter features 2-channel infrared control, LED light effects, and a rechargeable battery, designed for indoor flight. This manual provides essential information for safe setup, operation, and maintenance to ensure an enjoyable experience.

Please read this manual thoroughly before operating the helicopter and retain it for future reference.



Image 1.1: The FLYBOTIC Héli Air Mamba helicopter and its remote control. The helicopter is black with blue and yellow accents, featuring

dual rotors and landing skids. The remote control is black with blue accents and two joysticks.

2. SAFETY WARNINGS

Failure to follow these safety instructions may result in injury or damage to the product.

- **Age Recommendation:** This product is suitable for users aged 10 years and older.
- **Indoor Use Only:** The Héli Air Mamba is designed exclusively for indoor flight. Do not operate outdoors.
- **Adult Supervision:** Adult supervision is recommended, especially for younger users.
- **Avoid Obstacles:** Fly in an open area free from people, pets, furniture, and other obstacles.
- **Keep Clear of Rotors:** Never touch the rotating blades. Keep hands, face, and hair away from the helicopter when it is powered on.
- **Battery Safety:**
 - Do not attempt to charge non-rechargeable batteries.
 - Do not mix old and new batteries, or different types of batteries.
 - Insert batteries with correct polarity.
 - Remove exhausted batteries promptly.
 - Remove batteries if the product will not be used for an extended period.
- **Water and Moisture:** Keep the helicopter and remote control away from water and moisture.
- **Impacts:** Avoid crashes and hard landings, as these can damage the helicopter.

3. PACKAGE CONTENTS

Ensure all items are present in the package:

- FLYBOTIC Héli Air Mamba Helicopter (1 unit)
- Infrared Remote Control (1 unit)
- USB Charging Cable (1 unit)
- Instruction Manual (this document)

Items Not Included: 3x AAA batteries for the remote control.



Image 3.1: The retail packaging for the FLYBOTIC Héli Air Mamba, showing the helicopter and remote control inside the box.

4. SETUP

4.1. Charging the Helicopter Battery

The helicopter is powered by a built-in rechargeable Lithium-ion battery. Before first use, fully charge the helicopter.

1. Ensure the helicopter's power switch is in the "OFF" position.
2. Connect the small end of the USB charging cable to the charging port on the helicopter.
3. Connect the larger end of the USB charging cable to a powered USB port (e.g., computer, USB wall adapter).
4. The charging indicator light on the USB cable (or helicopter, depending on model) will illuminate during charging and turn off or change color when charging is complete.
5. Charging time is approximately **40 minutes**. Do not overcharge.
6. Disconnect the cable once charging is complete.

FEATURES



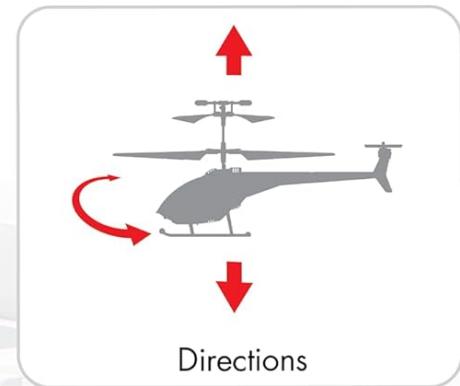
Recharging through USB



Precise speed control and rudder trimmer



LED headlight



Directions

Image 4.1: A diagram illustrating key features: USB charging, the remote control layout, the helicopter's LED headlight, and basic flight directions.

4.2. Installing Remote Control Batteries

The remote control requires 3x AAA batteries (not included).

1. Locate the battery compartment on the back of the remote control.
2. Use a small screwdriver to open the battery compartment cover.
3. Insert 3 new AAA batteries, ensuring correct polarity (+/-).
4. Replace the battery compartment cover and secure it with the screw.



Image 4.2: A detailed view of the remote control, showing the two joysticks, power switch, power indicator light, and L-TRIM/R-TRIM buttons.

4.3. Pairing the Helicopter and Remote Control

Follow these steps to establish a connection between the helicopter and the remote control:

1. Place the helicopter on a flat, level surface.
2. Turn on the helicopter's power switch (usually located on the underside). The helicopter's LED lights may flash.
3. Turn on the remote control's power switch. The remote's power indicator light will flash.
4. Move the left joystick (throttle) all the way up, then all the way down.
5. The indicator lights on both the helicopter and remote control should become solid, indicating successful pairing.
6. If pairing fails, turn off both devices and repeat the steps.

5. OPERATING INSTRUCTIONS

The Héli Air Mamba uses 2-channel infrared control for precise indoor flight.

5.1. Basic Controls

- **Left Joystick (Throttle):**
 - Push up to increase altitude (ascend).
 - Pull down to decrease altitude (descend).

- **Right Joystick (Directional Control):**

- Push up to move forward.
- Pull down to move backward.
- Push left to turn left.
- Push right to turn right.

5.2. Trimming for Stable Flight

If the helicopter drifts left or right without input, use the trim buttons to adjust its stability.

- If the helicopter drifts to the **left**, press the **R-TRIM** button repeatedly until it flies straight.
- If the helicopter drifts to the **right**, press the **L-TRIM** button repeatedly until it flies straight.

Make small adjustments and observe the helicopter's flight path.

5.3. LED Light Effects

The helicopter is equipped with LED lights for enhanced visual appeal during flight. These lights typically activate automatically when the helicopter is powered on.

5.4. Flight Environment

Always operate the Héli Air Mamba in a spacious indoor area, away from air currents, fans, and vents. The effective control range is approximately **8 meters**.

Typical flight time per charge is approximately **5 minutes**.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the helicopter and remote control. Do not use harsh chemicals or water.
- **Storage:** Store the helicopter and remote control in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Battery Care:**
 - After each flight, allow the helicopter's battery to cool down for at least 10-15 minutes before recharging to prolong battery life.
 - If the helicopter will not be used for an extended period, remove the AAA batteries from the remote control.
- **Inspection:** Regularly inspect the helicopter for any signs of damage, such as cracked blades or loose parts. Do not operate if damaged.

7. TROUBLESHOOTING

If you encounter issues with your Héli Air Mamba, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Helicopter does not turn on.	Battery is not charged or power switch is off.	Ensure the helicopter's power switch is ON. Charge the helicopter battery fully (refer to Section 4.1).
Remote control does not work.	AAA batteries are dead, incorrectly installed, or power switch is off.	Ensure the remote's power switch is ON. Replace AAA batteries with new ones, checking polarity (refer to Section 4.2).

Problem	Possible Cause	Solution
Helicopter and remote do not pair.	Incorrect pairing sequence or interference.	Ensure both devices are fully charged/have fresh batteries. Turn both off, then follow pairing steps precisely (refer to Section 4.3). Ensure no other infrared devices are operating nearby.
Helicopter drifts during flight.	Needs trimming adjustment.	Use the L-TRIM or R-TRIM buttons on the remote control to correct the drift (refer to Section 5.2).
Short flight time.	Battery not fully charged or battery degradation.	Ensure the helicopter battery is fully charged. Allow the battery to cool between flights. If the battery is old, its capacity may have decreased.
Helicopter crashes frequently or is difficult to control.	Lack of practice, environmental factors, or damage.	Practice flying in a wide, open indoor space. Ensure no strong air currents. Check for any physical damage to the blades or body.

8. SPECIFICATIONS

Feature	Detail
Model Name	Air Mamba
Brand	FLYBOTIC
Model Number	84753
Dimensions (L x W x H)	28 x 9 x 17 cm (approx. 18 cm length for helicopter body)
Weight	310 grams
Age Recommendation	10 years and up
Control Channels	2-Channel
Control Technology	Infrared
Power Source (Helicopter)	Rechargeable Lithium-ion Battery
Power Source (Remote)	3x AAA Batteries (not included)
Charging Time	Approx. 40 minutes
Play Time	Approx. 5 minutes
Control Range	Approx. 8 meters
Material	Plastic
Special Features	LED Light Effects

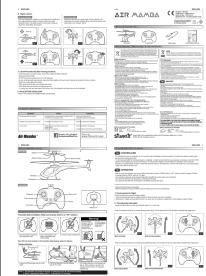
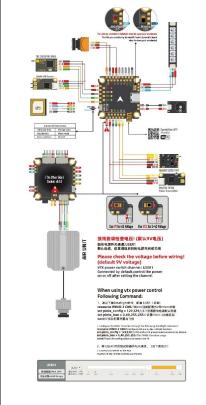
9. WARRANTY AND SUPPORT

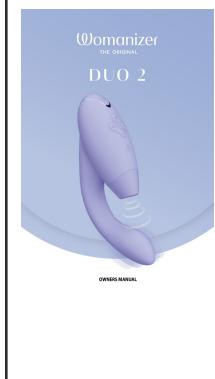
For warranty information, please refer to the documentation provided at the time of purchase or contact your retailer. Specific warranty terms may vary by region and retailer.

For further technical support or inquiries, please visit the official FLYBOTIC website or contact their customer service

department. Contact details are typically available on the product packaging or manufacturer's website.

Related Documents - Air Mamba

	<p>Air Mamba Helicopter User Manual and Safety Guide</p> <p>Comprehensive guide for the Air Mamba helicopter, covering setup, flight controls, safety precautions, troubleshooting, and battery care. Learn how to operate your Air Mamba helicopter safely and effectively.</p>
	<p>Air Combat 2.4GHz Motion Controlled Battling Helicopter User Manual AMAX</p> <p>Comprehensive user manual for the AMAX Air Combat 2.4GHz Motion Controlled Battling Helicopter. Learn about setup, flying, maintenance, troubleshooting, and warranty.</p>
	<p>Mamba MK4 F722 APP Flight Controller Stack & ESCs - Technical Guide</p> <p>Explore the Mamba MK4 F722 APP flight controller stack, Mamba F45/F55/F65 ESCs, and compatible FPV drone components. This guide offers detailed specifications, wiring diagrams, and setup instructions for optimal performance.</p>
	<p>Castle Creations Mamba-25 ESC User Guide</p> <p>User guide for the Castle Creations Mamba-25, a 25 Amp Brushless Sensorless Speed Control for RC Cars and Trucks. This manual covers features, connections, programming, troubleshooting, and warranty information.</p>
	<p>Návod k použití Rohnson M17 Mamba Flow Aku bezsáckový tyčový vysavač</p> <p>Kompletní uživatelský manuál pro aku bezsáckový tyčový vysavač Rohnson M17 Mamba Flow. Obsahuje bezpečnostní pokyny, popis součástí, návod k montáži, použití, nabíjení, čištění, údržbě a řešení problémů.</p>



[Womanizer DUO 2 Owners Manual: Features, Usage, Safety & Charging](#)

Comprehensive owners manual for the Womanizer DUO 2, detailing product features, how to use, smart silence, vibration patterns, cleaning, charging, safety instructions, and disposal information.