

R/C HELICOPTER

3.5 CHANNEL TECHNOLOGY



MODELS:
MIT35CMHY
MIT35CMHR

INSTRUCTION MANUAL

Lutema  BY MI Technologies, Inc.

PLEASE READ THIS INSTRUCTION MANUAL CAREFULLY BEFORE OPERATING.

1. Introduction

Please keep this instruction manual for future reference.

1. Specifications

- Longitudinal dimension: 85 cm
- Width: 16,5 cm
- Height: 36,3 cm

2. Electrical Specifications:

- Helicopter: 1 lithium battery 7,4 volts 1500 mAh Li-polymer.
- Remote Control: 4 batteries of 1,5 volts AA (not included).

3. This product has high stability due to advanced gyroscope technology.

We recommend charging the battery fully before your helicopter flies for the first time.





2. Your package includes



3. Safety Precautions

1. Read the instructions carefully before operating. Please follow these instructions when using your equipment.
2. Keep small parts away from young children to avoid risk of suffocation.
3. Do not expose batteries to heat or fire.
4. Position yourself five to ten feet away from the helicopter in flight. Make sure the helicopter does not come in contact with the face, head or body of any person or animal.
5. Do not modify the product without supervision, damage may go beyond repair.
6. Keep the helicopter in line of sight for better control.
7. For the safety of your children, adult supervision is recommended.

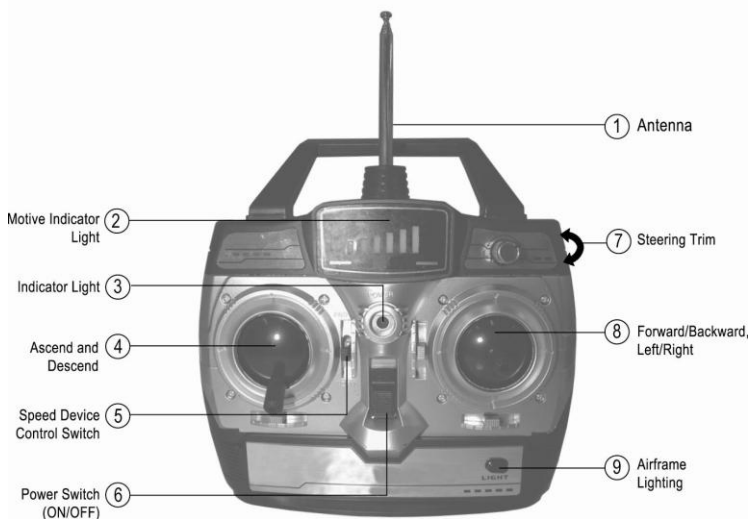
Attention:

	 <p>Do not touch any moving parts (propellers, engine, gears, etc). This can cause severe damage.</p>		 <p>Do not touch the engine during or after using the helicopter since there is a high risk of burn.</p>
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This product has Gyroscope technology which is activated every time you turn on the product. It is necessary to consider the following:

1. Turn the remote "ON" and make sure that the horizontal lever is completely down.
2. Move the switch on the helicopter to the "ON" position and place the unit on a flat surface for 5 seconds this will allow the gyroscope technology to be calibrated before flying.

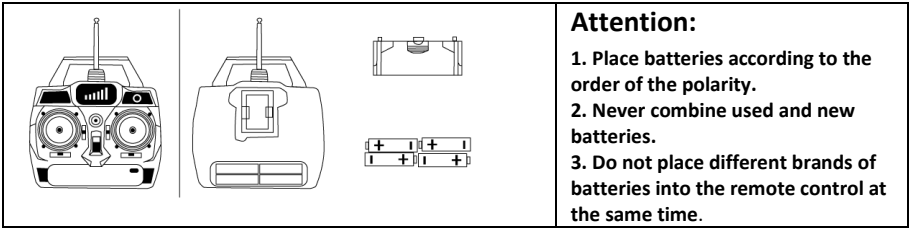
4. Description of Remote Control



**Remote Control Uses 4 x AA Batteries (Not Included)

5. Battery Installation (Remote Control)

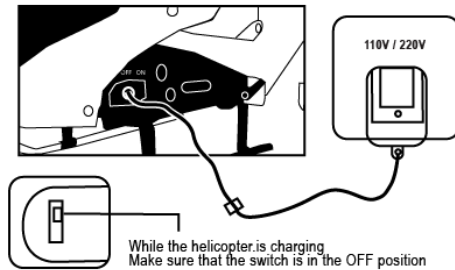
Place batteries as shown in this image:



6. Charging the Battery (Helicopter)

To charge the battery of the helicopter:

1. Turn the switch in the helicopter "ON"
2. Connect the battery charger.
3. Connect the charger to the electrical contact, the power indicator (red) will light up and change to green when the battery is fully charged.

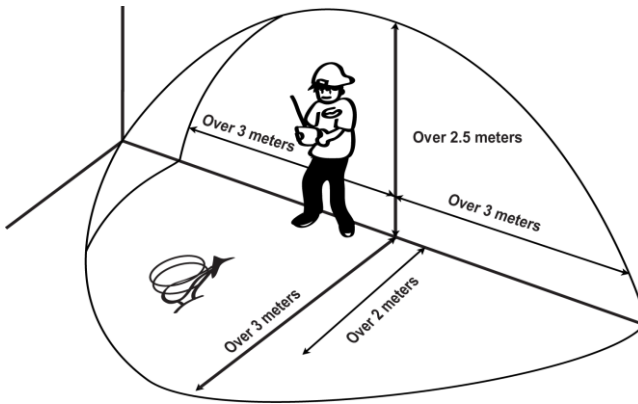


Caution:

1. Make sure the charger is connected to the outlet.
2. The battery can be damaged by overheating or over charging, please disconnect if the charger is overheating.
3. Do not leave the battery unsupervised when charging.
4. The charger has an advanced and specific functioning system. For safety do not use other chargers.
5. Recharge the battery of the helicopter after 30 minutes of last flight has passed. Battery temperature is high after flights, charging immediately after usage may cause damage to the battery.
6. For safety do not place the battery near heat sources that may cause short circuit.
7. For security prevents binding of the terminals of the battery and leave them in contact with metal parts that could cause a short circuit.

7. Flight Environment and Location

- 1) Fly with the best weather conditions.
 1. Never fly in extreme temperatures:
 - a. Do not fly to over 113°F/45°C or less 50°F/10°C flying in extreme temperatures can impede performance and damage the product.
 2. Do not fly in strong windy conditions as wind will impede control of the helicopter. The wind may cause loss of control and may damage the product and may cause injury.
 2. Choose an open area to fly the helicopter. Make sure there are no obstructions, animals or objects close to the flying area.



8. Flight Control

To learn how to maneuver the helicopter, start from the basics. Difficult maneuvers are the combination of simpler maneuvers.

Step 1 - Horizontal Flight:

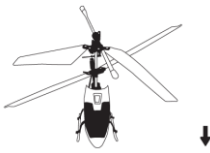
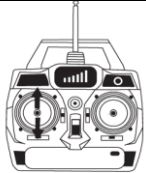
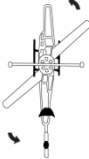

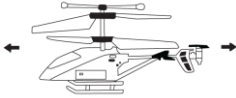

Press the horizontal lever to lift the helicopter off the ground, drop it gently until it lands. Do not make sudden movements. Continue to practice lift-off to higher altitudes until you are comfortable with the controls.

Step 2 - Directional Flight:

Raise the flying height of your helicopter around five feet. Maintain height for a few seconds.

Press the steering lever to the sides; this will cause the helicopter to turn.

If you notice that you start to lose control of the helicopter, move the steering lever to its original position. A fall in this position is safer and will most likely prevent damage.

Vertical		
Turn		
Forward		

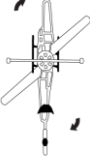
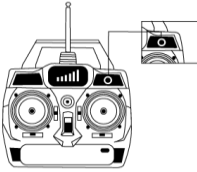
Step 3 - Forward flight:

Slowly raise the helicopter to five feet, maintain height for a few seconds. Then push the lever forward to produce forward movement, the helicopter should move forward easily. Release the lever to stop the forward motion. This procedure is similar for reverse flight.

Attention: When the helicopter is maintained at a height of approximately 12 inches, it may suffer from a "VORTEX effect" and lose stability.

Important notes

If the helicopter rotates uncontrollably in the air, adjust the stability button until it becomes balanced.

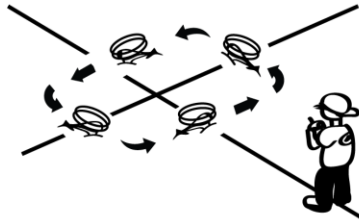
		<p>If the helicopter turns automatically, turn steering trim knob until balance is recovered.</p>
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9. Practice Flight

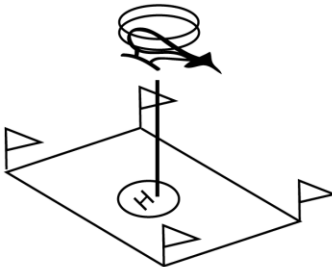
After practicing the previous procedures, you can attempt to follow the below flying patterns.



Revolve the helicopter around a fixed point.



Go forward and turn left until you complete a rectangle.



Landing at a fixed point.



Fly in a figure 8 pattern.

10. Problems and Solutions

PROBLEM	CAUSE	SOLUTION
The remote control is not responding.	<ul style="list-style-type: none">• The power switch may be on the position "OFF".• Batteries may be installed incorrectly.• Batteries may be drained.	<ul style="list-style-type: none">• The powers switch "ON".• Check that batteries are correctly installed.• Recharge or replace batteries.
The helicopter is not responding.	<ul style="list-style-type: none">• The power switch may be on the "OFF" position.• The switch on the helicopter is off.• The antenna is damaged.• There are strong winds preventing controllable movement.• The unit is not synced with the remote control.	<ul style="list-style-type: none">• Turn the power switch "ON".• Turn "ON" the switch on the helicopter.• Double check that the antenna is visible and attached.• Do not fly with strong currents of wind.• Descend the helicopter and replace batteries and/or resynchronize the control with the unit.
Helicopter will not elevate or fly properly.	<ul style="list-style-type: none">• The propeller is turning too slowly.• The battery on the helicopter has drained.	<ul style="list-style-type: none">• Press the lever with stronger forward motion.• Recharge the internal battery on the helicopter unit.
Forced landing.	<ul style="list-style-type: none">• The lever on the controller descended suddenly.	<ul style="list-style-type: none">• When landing lower the horizontal lever on the controller very gently.

11. Precautions

1. If the battery of the controller is low, the flying distance will shorten. If the battery on the helicopter is low, the helicopter will have limited elevation and will maneuver slowly.
2. In case the helicopter will not be used for a long period of time, please remove the battery from the remote control to prevent damage to the remote.
3. In case the helicopter suffers damage or alterations, go to a local technician. If the propeller shows signs of wear or damage, avoid flying. Damaged propeller may cause accidents.
4. Before flying, always turn "ON" the switch of the remote control before powering "ON" the switch on the helicopter.
5. After flying, turn "OFF" the switch on the remote control then turn "OFF" the switch on the helicopter.

12. Maintenance

1. Clean the helicopter with a clean and slightly damp cloth.
2. Do not expose to direct sunlight or excessive heat.
3. Do not submerge equipment in water.
4. Turn "OFF" the switch on control and helicopter when not in use.
5. Remove the batteries from the remote control if storing the unit for a long period of time.
6. Use brand new alkaline batteries for best results.
7. Check the equipment regularly for damage or loose parts that may cause injury.