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Model No. 8251

5001 Air Ambulance User Manual

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Preface

Thank you for purchasing the *Name* R/C Helicopter. For your own interest, please read through the manual and store it carefully for future review.

Inside the package

Diagram of Helicopter

- Main Rotors (Dual)
- Tail Rotor
- Trestle
- LED
- Fuselage
- On/Off switch
- Battery

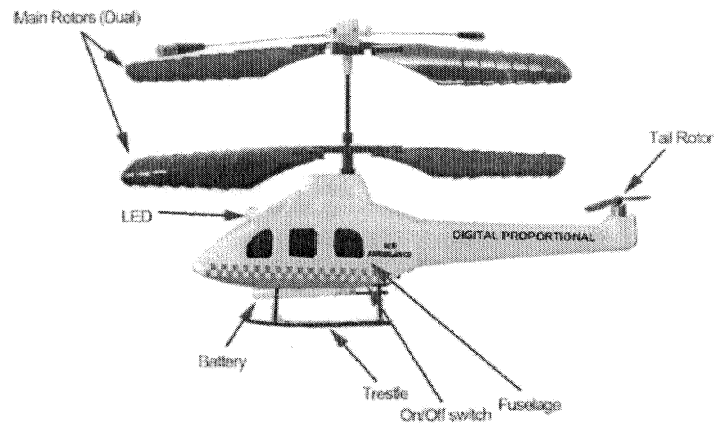
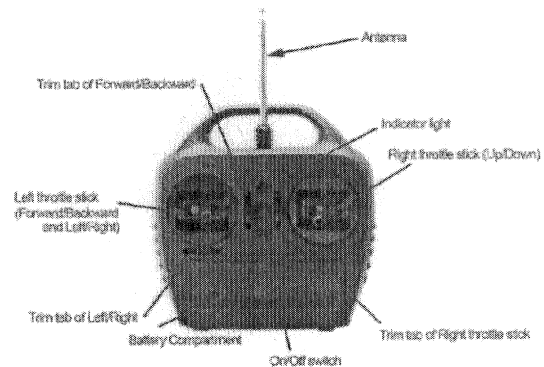


Diagram of Controller

- Antenna
- Indicator light
- Trim tab of Left/Right
- Trim tab of Forward/Backward
- Trim tab of left throttle stick
- On/Off switch
- Right throttle stick (Up/Down)
- Left throttle stick (Forward/Backward and Left/Right)

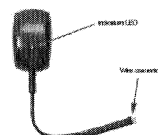


Controller features: On/Off switch, two sticks (left stick: Forward/Backward and Left/Right and right stick: Up/Down) and three trimmer control.

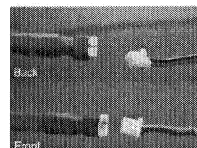
Controller features: On/Off switch, two sticks (left stick: Forward/Backward and Left/Right and right stick: Up/Down) and three trimmer control.

Image of Charger

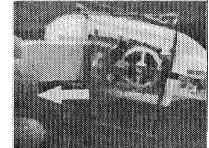
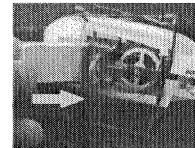
- Indication LED
- Wire connector



Plugging wire Connector



Changing battery



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 an experienced radio/TV technician for help.

Safety & Proper Use

1. Helicopter is designed for Indoor or outdoor environment with no wind. Do not play under any other condition. Extreme weather such as too hot or too cold would affect flying performance and damage the helicopter.
2. R/C device with same frequency, electric machine, and magnetic object will cause interference. Avoid playing within the same area.
3. Do not play near crowd, animal, building or any obstacle.
4. Do not modify or decompose the helicopter, which may cause malfunction.
5. Hands and face should be distanced from rotors. Also aware of fingers, hair and clothes to avoid tackling with the helicopter.
6. In order to ensure safety and quick response to emergency, remain in stand position during operation.
7. Rotor has certain degree of hazard. Please do not allow children come near to the helicopter. Also keep a distance of 2 Metres from helicopter while playing.

Safe usage for Battery

1. Do not expose battery to direct sunlight or any possible heat source to avoid explosion.
2. Do not dispose useless battery into fire to avoid explosion hazard.
3. Do not mix new and old dry-cell battery together when in use.
4. Do not mix rechargeable battery and dry-cell battery together when in use.
5. Do not charge dry-cell battery.
6. Take exhausted battery or leak battery out of the R/C controller.
7. Assemble battery with proper interval.
8. The excess charge can ruin the rechargeable battery.
9. Take care of battery when it is charging.
10. Recharging battery should be done by an adult.
11. While not being used, disconnect battery from helicopter or charger.

Charging Battery (Helicopter)

Please follow the following procedures when recharging the battery.

1. Unplug the connection between battery and helicopter.
2. Connect Charger to electrical outlet and then connect the wire connectors of battery and charger.
3. Indication LED on the charger will turn Red when the battery is charging.
4. Indication LED on the charger will turn Green when the battery is fully charged.

Warning: Do not over charge battery.

Changing Battery (Controller)

Please follow the following procedures when changing battery on controller.

1. Turn off the controller.
2. Slide the cover of the battery compartment downward to open the compartment.
3. Place the 9V battery into the compartment according to the polarity symbols (+ or -).
4. Slide the cover of the battery compartment in the reversed direction to close the compartment.

Precautions & Care

1. Check through the helicopter every time for possible loosen or broken part. If found, stop operation and tighten the loosen part or change the broken part as needed.
2. Clean all exposed surface after playing.
3. For next playing, make sure all components can operate smoothly.
4. Store your helicopter under dry and cool condition. Keep it away from direct sunlight and heat source.

Flight

1. Set the On/Off switch on the helicopter to "On" (LED should blink)
 2. Place helicopter on the ground with tail pointing at operator.
 3. Extend fully the antenna and set the On/Off switch on the controller to "On". Indication light should blink, which means the Up/Down throttle stick does not rest properly and the rotor would not start. Push the right throttle stick upward and downward until the Indicator LED stops blinking. Controller will start operate.
 4. Take off:
 - i. Reset the throttle by pushing right throttle stick (Up/Down) downward, then upward. Main rotor will start to rotate.
 - ii. Adjust the trim tabs of Left/Right and Forward/Backward to make the helicopter stable.
 - iii. Push right throttle stick upward to halfway for take off and gradually pull it downward to reduce climbing.
 5. Up/Down:
 - i. Push right throttle stick upward to increase rotor speed and move up.
 - ii. Push right throttle stick downward to decrease rotor speed and move down.

◆Note: Apply changes gradually for better stable flight.
 6. Forward/Backward:
 - i. Push left throttle stick upward/downward to move forward/backward.
 7. Change direction (Left/Right):
 - i. Push left throttle stick left/right to turn left/right.
 8. Landing:
 - i. Gradually push right throttle stick downward until helicopter lands.
 9. Trimming Control:
 - i. Adjust the trimming control according to achieve better and more stable flight.
- Cautions**
1. Indication light on controller will blink when battery runs low and the effective radius of controller will reduce. Please change battery when battery runs low.
 2. Auto-power cut may activate when impact happens. Simply turn off and on to restart the helicopter and resume playing.

Troubleshooting

Problem	Cause	Solution
No power to controller	1. On/Off switch is set to "Off" 2. Battery runs out 3. Incorrectly installed battery	1. Set the switch to "On" 2. Change Battery 3. Correctly reinstall the battery
Lose control	1. Controller has been turned off 2. Controller's antenna is not screwed in place and/or not fully extended 3. Wind	1. Set On/Off switch to "On" 2. Ensure that the antenna is properly screwed in place and fully extended 3. Stop flying the helicopter in the wind
Helicopter lands too quickly	1. Right throttle stick is being pushed downward too quickly	1. Push it downward slowly for a gradual fall
Helicopter always goes off course		1. Adjust the trimming tab