









Technical data

Operating voltage for the remote controller: DC(8 x AA)(Excluded)
Battery for helicopter: DC7.4V 450mAh Li-Po

Frequency: 27MHz
Channel: 3CH, can fly backward/forward, left/right, up/down
Main blade length: 17.5cm
Tail blade length: 8.5cm
Helicopter length: 34.4cm
Helicopter height: 18.4cm
Overall length: 48.9cm
Helicopter weight: 187g
Material: 65% ABS, 10% PVC, 25% Electronic

Spare Parts List

			
Canopy	Main Blades A	Main Blades B	Tail Blade
			
Li-Po Battery	Equipoise Pole	Main Motor	Tail Motor

Further Details

If you have any further queries, welcome to <http://www.woddontoys.com> or contact WODDONTOYS anytime to info@woddontoys.com. Hot Line at 86 755 2585 5666

Happy Flying!!!

INSTRUCTION MANUAL


ITEM NO.: WD0507



3CH

RADIO CONTROLLED

Fly forward & backward;
turn left & right, up & down

WODDON INDUSTRIAL LIMITED
<http://www.woddontoys.com>

Welcome to Woddontoys

Congratulations on your purchase of this state-of-the-art helicopter. The helicopter uses the latest in electronic and battery technology to give you a flight experience you will not forget.

Remember - Although the Salvation 4 is designed to be easy to fly and extremely stable in the air, it is an aircraft and as such will take time to master. Please refer to the user manual for tips on take-off / landing and also trim control adjustment. Always practice a few feet above the ground and master your take-off and landing before trying to fly forward/backward. You are more likely to need spare parts if you do not master the basics first!!

Intended use

1. The Salvation 4 is delivered 'ready to fly' and does not need to be charged before your first flight. When you first receive it DO NOT CHARGE IT, JUST FLY IT. When the helicopter will no longer take off from the ground, LEAVE FOR 5 MINUTES FOR BATTERY TO COOL BEFORE CHARGING, then charge it (as per the charging instructions shown on Page 7.)

2. The Salvation 4 is delivered with partial-charged Li-Po battery separately, and never over charge the battery. Normally, for first few charges, will take you 1.5-2 hours. Then only 45 minutes for a full charge. Once the light appears on the charging plug, switch off the charger at the mains and remove the charging cable from your battery LEAVE FOR 5 MINUTES FOR BATTERY TO COOL BEFORE CONNECTING AND FLYING.

3. Changes or modifications of this helicopter is not permitted except the technicians assigned by Woddontoys, as this may lead to damage to the product. In addition, it can involve other risks such as short circuit, fire, electric shock, etc.

NO PART OF THE PRODUCT COULD BE MODIFIED OR CONVERTED BY THE UNAUTHORIZED PERSON!

 **The safety instructions contained in this manual have to be observed without fail!!**

PLEASE RETAIN THIS INFORMATION FOR FUTURE REFERENCE.

Always :

- Make sure battery compartment is secure.
- Use batteries of the correct size and type.
- Fit batteries correctly observing the plus and minus marks on the battery and compartment.
- Replace a whole set of batteries at one time.
- Remove dead batteries from equipment.
- Remove batteries from appliance that will not be used again for a long time.
- Please remember that small button cells and AA batteries should be kept away from young children as they could be easily swallowed. Seek medical advice if you believe a cell has been swallowed.

Never :

- Mix different types of batteries.
- Mix old and new batteries.
- Dispose of batteries in a fire.
- Attempt to recharge ordinary batteries.

For users who is willing to protect the environment.

The consumer has a significant role to play in reducing the impact of waste electrical and electronic equipment on the environment, through re-using or recycling such equipment.

Some of the components used in electrical and electronic equipment may contain hazardous substances that can damage the environment and present a risk to human health if not properly disposed of.

The crossed out wheellie-bin symbol on the controller is to remind you that waste electrical and electronic products should not be disposed of with household waste. If you are unable to re-use or recycle your product it should be disposed of at a civic amenity site. Alternatively, you may take your old product (of similar function) back to the store where you purchased your new product within 15 days of purchase. You must take proof of purchase of your new product when returning your old product to the store.

If the blades are damaged, it may not be repaired but has to be replaced with a new one. Broken plastic parts can be sharp-edged. For your own safety, use protective gloves.

Trouble diagnoses

Problem	Cause	Solution
No power to controller	Power switch is turned 'OFF'	Switch 'ON' controller and helicopter
	Battery needs to be charged	Charge battery in helicopter
	Battery needs to be replaced	Replace battery in controller
	Controller needs to be 'armed'	Push left hand stick fully forward then fully backwards
No control of helicopter	Controller is turned 'OFF'	Turn controller 'ON'
	Controller antenna is not screwed in / extended	Check antenna is screwed in and fully extended
	Strong windy day	Do not fly it in strong wind as this will limited or disturb your control
Helicopter is not flying high enough	Blade speed is too slow	Ease the left throttle stick further forward
	Battery is not fully charged	Re-charge your helicopter(see 'Charging Salvation 4' section)
Helicopter lands too quickly	Left throttle stick moved too quickly	Gently move the left throttle stick backwards when landing. Remember to give a slight burst of power just prior to touch down
Helicopter spins / flies off course	Trimming adjustment	See 'Trimming Salvation 4' section

Battery care information

Your Salvation 4 is powered by dedicated Li-Po battery. Do not attempt to disassemble the battery or replace with any after-market model.

- 1) Use only batteries recommended in this user manual. Ensure that batteries are installed with the correct polarity.
- 2) Batteries should be installed under adult supervision.
- 3) Never allow the battery to become hot during charging. Warm is fine, hot is not!
- 4) Never leave the battery charging overnight-switch off once the LED lights on the charger.
- 5) Never use an after-market charger as this can damage the battery.
- 6) Do not short circuit the charging terminals.

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Safety instructions

Read the user manual completely before commissioning, then refer to below important information for correct operation.

1. To ensure safe operation, the user must comply with the safety instructions and warnings contained in this manual.
2. The charger is designed in compliance with protection class, ensure that the insulation (of the housing or the output cable) is neither damaged nor destroyed.
3. The charger should be kept out of the reach of children!
4. In schools, training centers, computer and self-help workshops, etc., the use of charger and accessories must be supervised by trained personnel in a responsible manner.
5. Avoid charging operation under adverse ambient conditions. This can lead to damage to the sensitive electronics on the inside of the charger and thus to possible danger for the life of the user. Adverse ambient conditions are:
 - excessive humidity (> 75% relative, condensing)
 - wetness and dampness, petrol
 - dust or combustible gas, vapour or solvents
 - excessive ambient temperature (> approx. + 40 °C)

In the case of incorrect handling (excessive charging current or incorrect polarity), the charger may be overcharged or destroyed. In the worst case, the charger can explode and in doing so cause appreciable damage.

6. Never unplug the plug-in power unit from the mains socket by the connecting cable! Only hold it by the housing when disconnecting it.
7. Keep transmitting devices (mobile telephone, radios, etc.) away from charger, the transmitter radiation arose can lead to interference in charging operation or to destruction of the charger.
8. Never connect your charger to the mains voltage immediately after it has been taken from a cold room to a warm one. The resulting condensation could, under adverse circumstances, destroy the device. Allow the device to reach room temperature before connecting it to the power supply.

Never touch the charger with wet or moist hands. There is the risk of a fatal electric shock!

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Flying tips

- 1) You can expect a flight time of 5 - 6 minutes after fully charging the battery.
- 2) When taking off, do not move the right throttle stick too slowly as this will cause the helicopter to topple over. Move the right throttle stick smoothly and continuously forward until the helicopter takes off. Be smooth with your movements.
- 3) When landing, give the helicopter a burst of power just before touch down to slow its descent and land smoothly.
- 4) Until you get used to 'control reversal', always try to fly the helicopter with the nose pointing away from you. By doing this, the movement of the helicopter will be the same as the movement of the right hand stick, e.g. move stick right to turn helicopter right. Until you get used to 'control reversal', always try to fly the helicopter with the nose pointing away from you. By doing this, the movement of the helicopter will be the same as the movement of the right hand stick, e.g. move stick right to turn helicopter right.
- 5) Salvation 4 has a range of up to 100 feet. Be aware that the presence of electrical interference from lights and wires may reduce this range.
- 6) During your first few flights, try to keep the helicopter close to the ground. This will allow you to cut the throttle and safely land if you become disorientated.
- 7) Always turn the Salvation 5 off immediately after flight.
- 8) After flying and before recharging, always turn the Salvation 5 and controller off.
- 9) When not in use, the battery should be disconnected to avoid the battery completely discharging.
- 10) Recharge the battery before putting it away.
- 11) Check for any damage, examine everything including the blades, landing gear, tail blade and body of the helicopter. If anything is damaged it must be repaired before flying again.
- 12) To avoid damage to the motors, always turn the throttle off if the blades become entangled in anything or are prevented from turning otherwise motors may burn out!!

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Trouble diagnoses

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