



Manual 3-channel radio helicopter

Thank you

Thank you for purchasing this device and want to help with this information to prepare you enjoy operating. Please read these notes carefully and observe them also during operation. Keep this information, please reference and pass them on to other users. Age recommendation: from 14 years, with an introduction by experienced adults.

Accessories and description of the parts

1x helicopter
1x remote control RC+Antenna
1x battery charger
1x screwdriver
2x main rotors
1x Tail Rotor
4x batteries
1x User Manual

Technology, Safety, Maintenance, Special to the batteries, battery installation, battery charging.

Helicopter:

Your device is a 3-channel radio remote controlled helicopter with a rechargeable lithium-polymer battery.

The **lithium-polymer battery** with 3.7V voltage and 1000mAh capacity is already installed in the helicopter.

This is a high quality, but also dangerous, incorrect operation voltage memory.

Therefore, please keep these important notes:

- Always use the appropriate Ladgerät (included) to charge absolutely. Lithium polymer batteries can catch fire if they are overcharged!
- Lithium-polymer batteries are both electrically and also sensitive to heat: these batteries suffer from moisture, overcharging, over-discharging, excessive currents, operating at too high (greater than 60° C) or low temperatures (below 0° C).
- Do not operate the helicopter is not possible at very low temperatures, as the performance degrades.
- Avoid deep discharge: long storage in a discharged state damages or destroys the cell.
- Charge the batteries therefore please least every 6 months.
- For long term storage, we recommend partial unloading and storage in a dry, cool place.
- Charge only under constant supervision!

Radio remote control:

Transmission frequency: radio(27MHZ)

Powered by 4 batteries 1,5 V LR6 / Mignon / AA alkaline

Notes for remote control batteries:

Replacing the remote control batteries: Open the battery cover of the remote control, you may have to loosen the screw previously. Install new alkaline batteries with the correct polarity (+ and -). Replace the battery cover and screw it down.

Do not charge non-rechargeable batteries.

Rechargeable batteries are only to be charged by adults or under their supervision.

Never use dissimilar types of batteries or new and used batteries together. Remove dead batteries from the remote control to prevent their leakage, especially in use longer pauses. Type of used batteries in the known collection points.

How to charge your lithium-polymer battery

Switch off your helicopter with the slide switch (underside). Connect the charger to the wall socket and the helicopter.

Now start charging. The LED (light emitting diode) on the charger lights red during charging.

The charging time can be up to 90 minutes. **Never charge longer!**

The required charging time depends on the remaining capacity of the battery and can therefore be shorter. Once the LED light on the charger turns green color, charging is finished.

Information for Charger:

The helicopter battery must only be charged with the supplied charger.

Please make sure that children do not have access to charger, remote control or helicopter. These are not toys.

Important: please examine your charger regularly for signs of damage to the cord, plug, enclosure and other parts. Use the battery charger for such harm again only once the damage has been professionally repaired.

Preparation before Use

Charge the helicopter battery fully. Install new alkaline batteries in the remote control. Turn on the slide switch of the helicopter to „on“. As a sign of readiness, you see that the LEDs on the helicopter. Turn the remote control with the slide switch to „ON“. Now a red indicator lamp blinks again. Slide the left big control lever slowly to the top and then all the way down. Now the red LED lights up.

If you slowly move the control lever upwards again to start the rotors of the helicopter to turn. This process need to be repeated.

Here we go: operation of your helicopter flight environment, trimming, start, taxes and stop the helicopter operation

Flight environment: Find an environment that is bothered by the operation of the helicopter with sufficient free space on the neither the sound nor the dangerous rotor movement. Be aware of the danger of rotating blades aware and make sure that children and animals, but also any object can be disturbed by the operation. Do you reckon that could be hit by sudden movement of the helicopter flight path from his people and objects. You are responsible for ensuring that all vulnerable creatures and objects are located far outside the flight zone and will alert you in time before the start. Keep yourself safe distance from the helicopter in operation, at least 2 meters.

Start: With the left remote control knob adjusts the speed of the rotors. The higher the speed, the stronger the heli-

copter takes off and rises. Take the control back into the helicopter drops.

Trim: If the helicopter rotates on its own axis, although the right controller for the flight is in the neutral position, then correct this unwanted rotation by „trimming“ the Trim control (top right) on the remote control. Turns in neutral position of the control lever right to the direction of flight, the helicopter still LEFT, turn the trim knob to correct a little clockwise. Turns the helicopter to the RIGHT, turn the trim knob to correct a little bit counterclockwise.

Control: Now move the right control towards the helicopter responds to left-right movements of the direction controller with corresponding trajectory. The same applies to the forward-reverse control. Practice these basic settings until you have mastered the helicopter safely.

Light: Top left (left button) on the remote control to find the Knop. You can light the helicopter on and off. Turning off the light, can lead to a low flight time extension.

Speed: Top left (right button) on the remote control, you will find another button. You can increase or reduce the speed of the rotors.

Convert with a flight time of up to 8-10 minutes with a fully charged battery.

Exit the helicopter operation: When you have completed the flight operation, turn off the helicopter. When the

helicopter battery is cooled to about 10 minutes, you can charge it. Also plug and socket must be solved.

Turn the remote control. Check that the blades are undamaged. To avoid injuries, replace broken blades with new ones.

For longer breaks using:

Please remove the batteries from the remote control. The battery of the helicopter remains in the device, but please do not forget to charge the battery after about 6 months in order to avoid a deep discharge.

R & TTE text

Hereby, the company Panland GmbH, Postfach 82 02 16, D-90253 Nuremberg, 68062 that the device is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. The complete Declaration of Conformity can be found online at www.panland.de. It is a Class 1 radio equipment Operation is allowed in all EU countries.

Electronic waste law

After use, the end: please remove any batteries and dispose of them separately. Enter old electrical devices from the collection points for electronic waste. The other parts are in the trash.



Note: Technical and color changes. A current manual is also available at www.panland.de.