2. HOW TO CONTROL FLIGHT:

Up and Down Hovering:

Left and Right Turns:

Moving Forward and Backward:
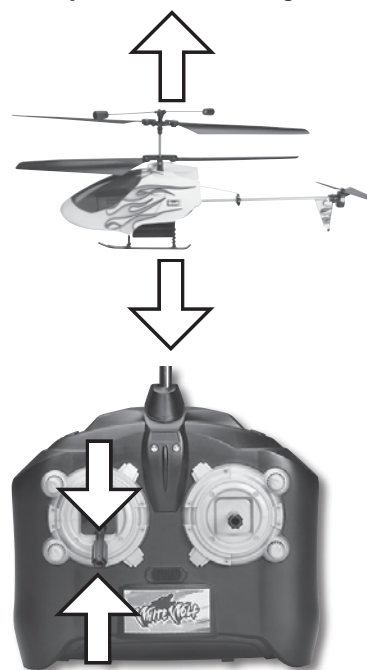
From steady flight, slowly pushing the throttle stick upward will make the White Wolf fly higher. To make it fly lower, simply lower the stick a little. Smooth flying takes only small changes in the stick position.
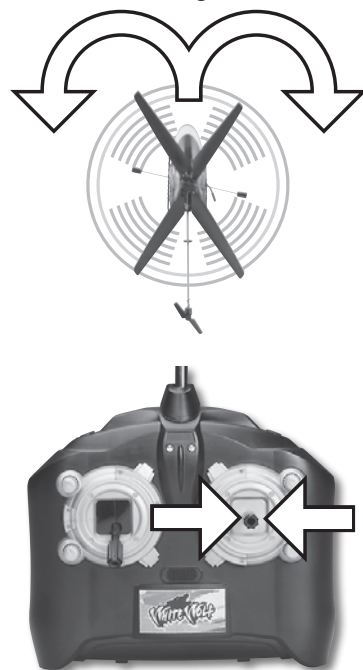
Hold the White Wolf steady in the air. Push the direction stick left to turn left, and push the direction stick right to turn right.

Hold the White Wolf steady in the air. Push the direction stick forward to move forward, and pull the direction stick back to move backwards.

3. HOW TO LIFT-OFF (after Trimming):

• Place the White Wolf on a smooth surface. An uneven floor surface will affect its take-off.
• Slowly increase the throttle.
• DO NOT look at the controller while flying. Focus on the White Wolf.
• As soon as the White Wolf leaves the ground, reduce the throttle slightly. Adjust the throttle as necessary to maintain altitude.
• Gently add throttle if the White Wolf descends.
• Gently reduce throttle if the White Wolf climbs.
• For turning, give short and small inputs to the direction stick. (Most beginners will initially over-control the White Wolf.)

4. FLIGHT LOCATIONS:

Choose a location that meets the following criteria:
1. Indoors, with little air movement. Avoid circulating air from heating and air conditioning.
2. Room sizes should be at least 20 feet (3 m) wide x 20 feet (3 m) long x 8 feet (2.4 m) high.
3. Avoid flying in areas with electric fans, air conditioning, reading lamps or other objects that could interfere.

Safety Tips

• Read through the entire instruction manual before flying your White Wolf.
• Make sure that you and other people stay 10 feet (or 3 meters) away from the White Wolf while you begin flight.
• Always keep your eye on the flying model to prevent it from flying, landing, or crashing on or near your head or body, or on other people.
• Never disassemble or attempt to modify the White Wolf. You could damage the product and create the potential for damage or injury.
• Never put your hands or face close to rotating parts. Doing so risks injury. Never operate the White Wolf while sitting on the floor or on a chair — always fly from a position that lets you get out of the way quickly if necessary.
• Always switch off both the White Wolf and the controller when you leave the controller unattended. If the power switch is left on, unintended stick operation might occur (for example, if the controller falls face-forward onto the floor).
• Due to the dangers of the rotating parts, no one under the age of fourteen should be allowed to operate the White Wolf.
• Never use parts that are damaged.

Operating Tips

• Always move the controller's throttle stick to the down position after a crash or you may damage the electronics inside the White Wolf.
• Two White Wolf models cannot be flown on the same radio band.

Control Tips

• When moving the sticks of the controller, avoid pushing them immediately to the extreme positions. They should be moved gradually like steering a bicycle, not sharply like operating computer game joysticks.

Trouble Shooting

Problem: Blades can't turn.

Cause: • ON/OFF switch is OFF.
• The White Wolf was not properly armed.
• Weak battery.

Solutions: • Follow the arming instructions listed in the Flying the White Wolf section of this manual.
• Recharge the battery.

Problem: White Wolf suddenly stops flying and drops.

Cause: Too little power.

Solution: Recharge the battery pack.

White Wolf™

www.revell.com

Revell, Inc., a subsidiary of Hobbico®, Inc., Champaign, IL 61826

Contents

Instruction Manual

Main Features

White Wolf Helicopter:
• Durable, painted body
• On/off switch and LiPo (lithium-polymer) rechargeable flight battery
• Counter-rotating rotor blades for stable flight
• Realistic left/right, forward/backward, and up/down scale-like controls
• Easy battery recharging with the supplied balance charger

Controller:
• Three-channel digital proportional control
• Trim dials to adjust flight orientation
• Power-on and Transmission indicator lights

Do not touch the spinning blades or fly over another person's head. Adult supervision is required.

Safety Precautions:

Warning: Do not modify or alter this unit. Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

• Do not turn on the White Wolf helicopter unless the controller has been turned on first.
• When finished flying, always turn off the White Wolf first and then the controller.
• Keep hands, hair and loose clothing away from the spinning blades.
• Turn off the White Wolf and the controller when not in use. Unplug battery from White Wolf when not in use.
• Remove the batteries from the controller when not in use.
• Parental guidance is recommended while flying.

• Always keep your White Wolf in sight while flying.
• For the best performance, use new alkaline batteries in the controller.
• Replace the batteries in the controller with new ones as soon as any function becomes diminished.
• Keep these instructions for future reference.
• Follow the operating instructions exactly.
• The supplied LiPo balance charger is made specifically for the rechargeable White Wolf LiPo battery. Do not use it to charge any other battery.

FCC REQUIREMENT

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

CAUTION: Changes or modifications to this product not expressly approved by the party responsible for compliance may void the user's authority to operate the equipment.

Care and Maintenance:

• Always remove the batteries from the controller when it is not being used for a long period of time.
• Wipe the model gently with a clean, damp cloth.
• Keep the model away from direct heat.
• Do not submerge the model into water. This could damage the electronic assemblies.

Adult supervision is required.

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note:
• Parental guidance is recommended when installing or replacing batteries.
• Static electricity may cause the model to malfunction, requiring you to turn it off and back on before flying again.

Note Specifically for Adults:
• Regularly examine all parts of the model for damage. If any is found, do not use the model again until the damage has been repaired.
• This model is not intended for children under 14 years old.
• Only use the supplied charger to charge the White Wolf.
• The supplied charger must never be used to charge any other types of batteries.
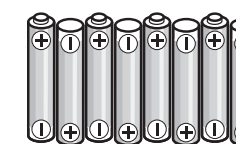
Battery Requirement for White Wolf Helicopter:
Requires: 7.4V LiPo Rechargeable Battery Pack (included)

Battery Requirements for Controller:
Rating: DC 12V
Requires: 8 x 1.5V "AA" size batteries (not included)

CAUTION: Changes or modifications to this product not expressly approved by the party responsible for compliance may void the user's authority to operate the equipment.

⚠ **WARNING:**
CHOKING HAZARD — Small parts.
Not for children under 3 years of age.

"This product is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC." CE
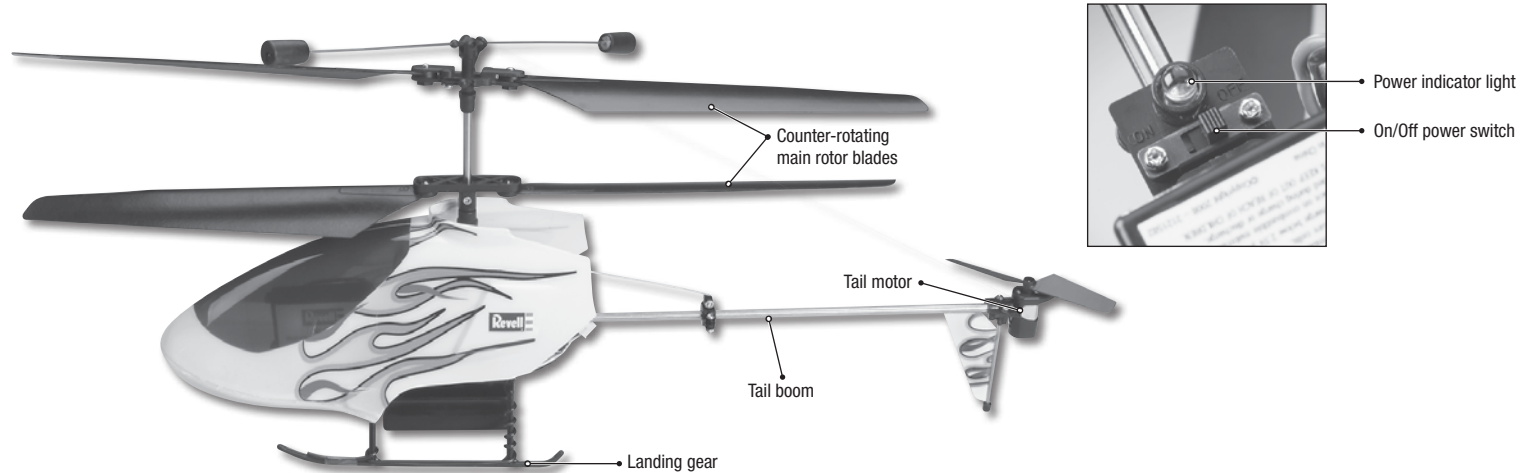
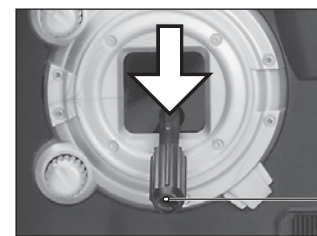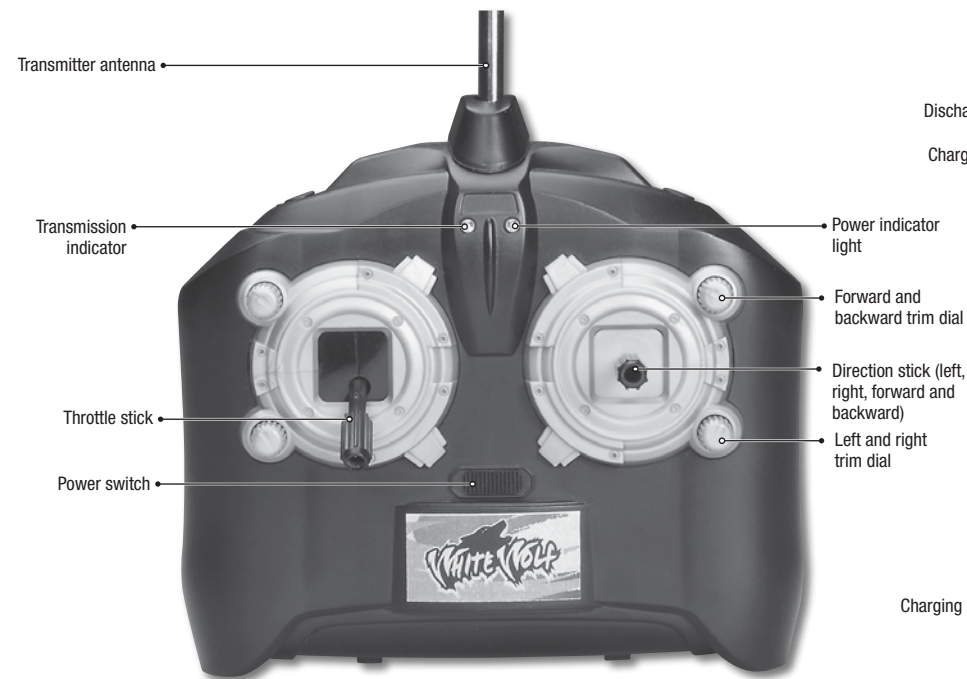Do not touch the spinning blades or fly over another person's head.

White Wolf Helicopter and Controller Parts

White Wolf Helicopter Features:

Power indicator light

On/Off power switch

Counter-rotating main rotor blades

Tail motor

Tail boom

Landing gear

Controller Features:

Transmitter antenna

Transmission indicator

Throttle stick

Power switch

Power indicator light

Forward and backward trim dial

Direction stick (left, right, forward and backward)

Left and right trim dial

Throttle Down Position
Note: Before turning on the controller, the throttle stick must be in the down position.
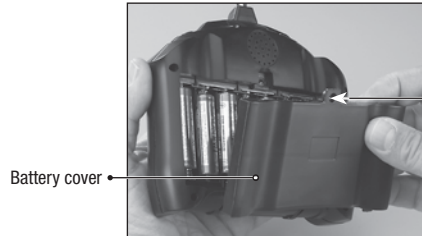
Battery cover

Remove the screw to release the battery cover for battery installation and removal.

Flight Battery Features:

Discharging lead (red plug)

Charging lead (white plug)

Protective plastic case
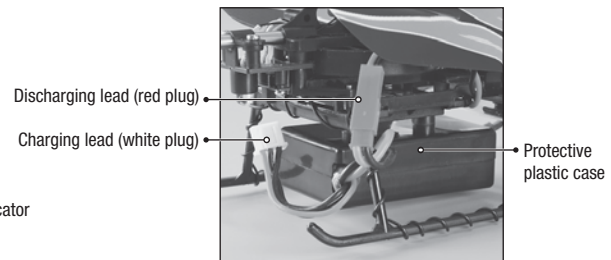
Balance Charger Features:

Power/Status Indicator Light

Charging Port

110V AC Adapter

Battery Installation

1. Remove the screw above the battery cover by turning it counter-clockwise using a Phillips-head screwdriver.
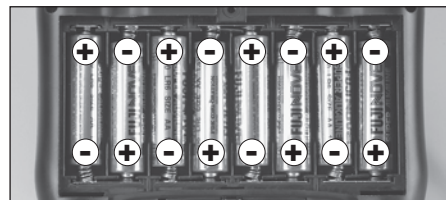
2. Install 8 "AA" size batteries in the battery compartment following the polarity shown inside.

3. Replace and tighten the screw clockwise.

Charging the White Wolf's Flight Battery

Note: Always allow the flight battery to cool down 15 minutes after a flight before re-charging the flight battery.

The White Wolf is equipped with an in-flight safety feature that automatically reduces throttle power when the battery needs to be recharged. The loss of throttle forces you to land. For the best performance, turn the White Wolf off immediately after landing. Let the battery cool for 15 minutes before recharging it again. Do not continue flying after the throttle power drops — this may damage the battery and permanently reduce flight times.

1. Turn off both the White Wolf and the controller.
2. Disconnect the red plug from the speed control.
3. Plug the 110V AC Adapter into the wall and connect the 12V DC plug to the balance charger. The indicator light will turn red, then turn green, and then turn off during initialization.
4. If the indicator light on the balance charger flashes red at any time during the charge process, immediately unplug the battery and contact technical support. If the battery is hot, begins to swell or begins to smoke, then immediately disconnect the battery from the charger and carefully move the battery to a fireproof location!
5. When the battery is not connected the indicator light will flash green once every five seconds, indicating that the charger is in standby mode.
6. Carefully plug the balance charging lead (white plug) of the flight battery into the balance charger charging port. DO NOT FORCE. The indicator light on the balance charger will turn solid green, indicating the battery is charging.
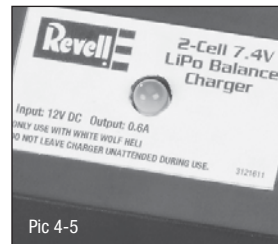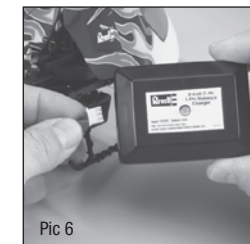7. When the indicator light flashes green (once per second), charging is complete.
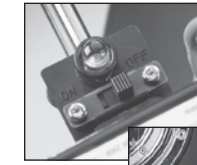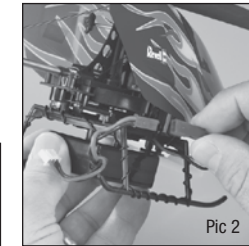
The White Wolf can fly for about 6-8 minutes on a single charge.
Please Note: The power of your White Wolf's battery will gradually increase over the first 4-5 cycles of flying and recharging. You can expect to enjoy its full performance after these initial flights.

Pic 1

Pic 2

Pic 3

Revell
2-Cell 7.4V
LiPo Balance Charger
Input: 12V DC Output: 0.6A
ONLY USE WITH WHITE WOLF HELI
DO NOT LEAVE CHARGER UNATTENDED DURING USE.

Pic 4-5

Pic 6

Flying Your White Wolf

With the throttle (or left) stick of controller in the down position, move the controller's power switch to ON. The throttle stick must remain at this low position when you turn the helicopter on. Then, set the ON/OFF switch of the White Wolf to ON. Place the White Wolf 10 feet (3 m) away from you on the floor with the tail pointing toward you. The White Wolf has a safe start feature that will prevent the main rotor blades from spinning until you have "armed" the model. To arm the White Wolf, slowly move the throttle to the full position and hold for one second. Bring the throttle stick back to idle. The helicopter should now be armed. If the White Wolf does not operate please try this procedure again, making sure the throttle is moved from the full low position to its highest position.

OFF   ON
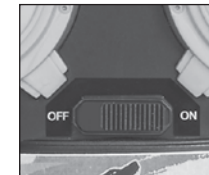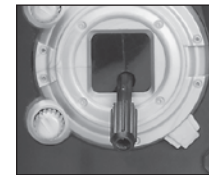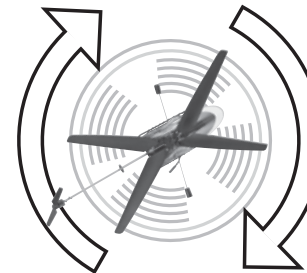
Flashing red light = low battery, change battery
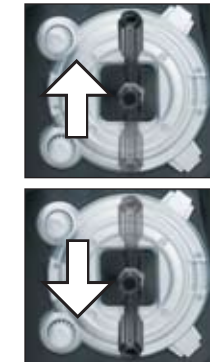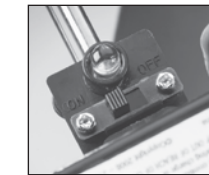
10 feet (3 m) away

1. HOW TO TRIM:

• Slowly move the throttle stick up (or away from you) to raise your White Wolf about 1.5 feet (0.5 meter) to 3 feet (1 meter) high.

**Spirals right or Keeps turning right**

If the White Wolf spirals to the right or keeps turning right, turn the left and right trim dial counter-clockwise until the White Wolf no longer spirals.

Spirals left or Keeps turning left
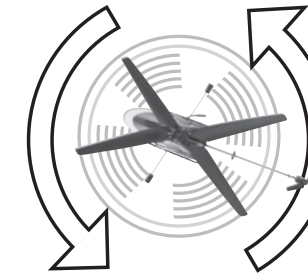
If the White Wolf spirals to the left or keeps turning left, turn the left and right trim dial clockwise until the White Wolf no longer spirals.

Constantly moves forward

Constantly moves backward
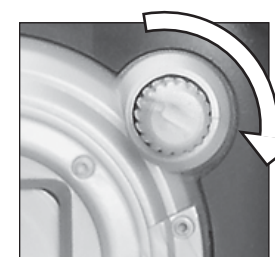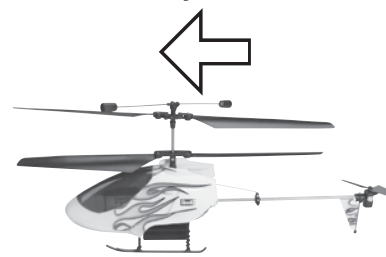
If the White Wolf constantly moves forward, turn the forward and backward trim dial clockwise until the White Wolf no longer moves forward. If the White Wolf constantly moves backward, turn the forward and backward trim dial counter-clockwise until the White Wolf no longer moves backward.