

# Wi Fli Helicopter

## INSTRUCTION MANUAL

AGE 12+

The Wi Fli Helicopter is a delicate machine, before removing it from the packaging please read the instructions!

Congratulations on the purchase of your Wi Fli Helicopter. The Helicopter brings advanced, hobby-level flying technology to beginner, medium level or advanced flyers who are looking for great performance from a relatively smaller helicopter. The Helicopter has built-in advanced gyroscope technology for providing an ultra-smooth flight and balance control assistance. Do not throw away this instruction manual as it contains valuable information for the operation of your helicopter as well as warranty information. The helpful tips in this pilot's manual will improve your skill and enhance your experience. Look for these **TIP!** symbols for extra help.

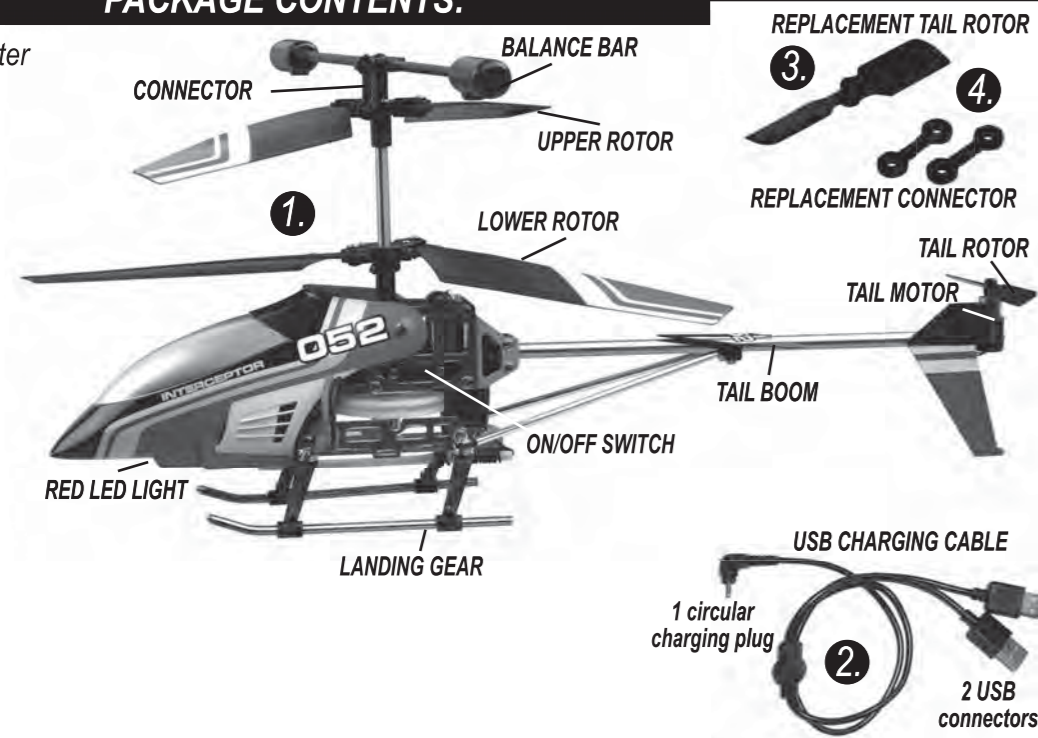
### UNPACKING YOUR Wi Fli HELICOPTER:

To prevent damage during shipping, the Wi Fli Helicopter is securely fastened in the package. Please ensure that all of the tie-down and fastening locations are unfastened before attempting to remove the Wi Fli Helicopter from the package. Be very careful when removing the Wi Fli Helicopter to prevent damaging the helicopter.

**Warning:** Spinning propellers can cause injury to people, animals and plants as well as damage to furniture and other property. To avoid the risk of injury or damage, stay clear of spinning propellers. Always keep a minimum distance of about 80 inches (2 meters) between the spinning propellers and people, pets, or other objects.

### PACKAGE CONTENTS:

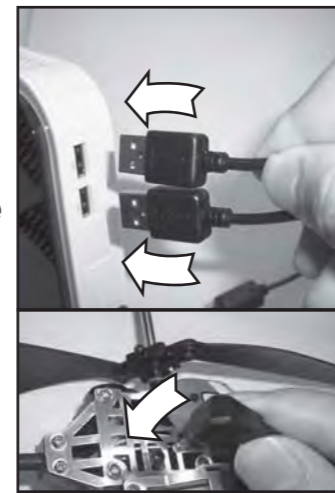
- 1 x BladeRunner Interceptor Helicopter
- 1 x USB charging cable
- 1 x Replacement Tail Rotor
- 2 x Replacement Balance Bar to Upper Rotor Connectors



### CHARGING YOUR Wi Fli HELICOPTER:

1. Ensure the Wi Fli helicopter's ON/OFF switch is in the OFF position. The red LED at the bottom front of the Wi Fli helicopter will turn off when the helicopter is turned off.

2. Note the USB charging cable has two USB connectors. Plug both of these USB connectors into the USB power source. **Always insert the 2 USB connectors to the 2 USB power sources before inserting the circular charging plug to the Helicopter.**



3. Once the 2 USB connectors are securely plugged into the power source, connect the circular charging plug into the charging port located at the right side of the helicopter.

Make sure the electronic device (USB power source) is turned on and is delivering power through the USB charging cable.

4. Charging will start automatically. Note, the red LED at the bottom front of the Wi Fli helicopter will turn on during charging even though the helicopter is turned off. **Charging will take 30 - 60 minutes for 4-6 minutes of flight.**

5. Once the charging is complete, the red LED on the bottom front of the Wi Fli helicopter will turn off.

6. Make sure to unplug the USB charging cable from the 2 USB ports on the power source first. Secondly, unplug the circular charging plug from the helicopter's charging port.

7. The Wi Fli helicopter is now ready to fly.

### Color LED showing battery power and charging status

#### Red LED is ON:

Helicopter is either turned ON, or is turned OFF but is charging.

#### Red LED is OFF:

Helicopter is turned OFF and is either not charging, or finished charging or helicopter is turned ON but the battery is depleted.

#### Red LED Dim:

The battery voltage is low.

### TIP! GET IN THE AIR FAST!!!

THE Wi Fli HELICOPTER IS PARTIALLY CHARGED SO YOU CAN FLY IMMEDIATELY OUT OF THE BOX.

TIP! CHARGE TIME VARIES BASED ON HELICOPTER'S INTERNAL BATTERY CHARGE CONDITIONS. TYPICALLY AFTER A 4 - 6 MINUTE FLIGHT THE HELICOPTER WILL NEED A 30 - 60 MINUTE CHARGE.

TIP! YOU DO NOT NEED TO WAIT FOR THE CHARGE TO BE COMPLETE TO FLY. SHORTER CHARGE TIMES = SHORTER FLIGHT TIMES.

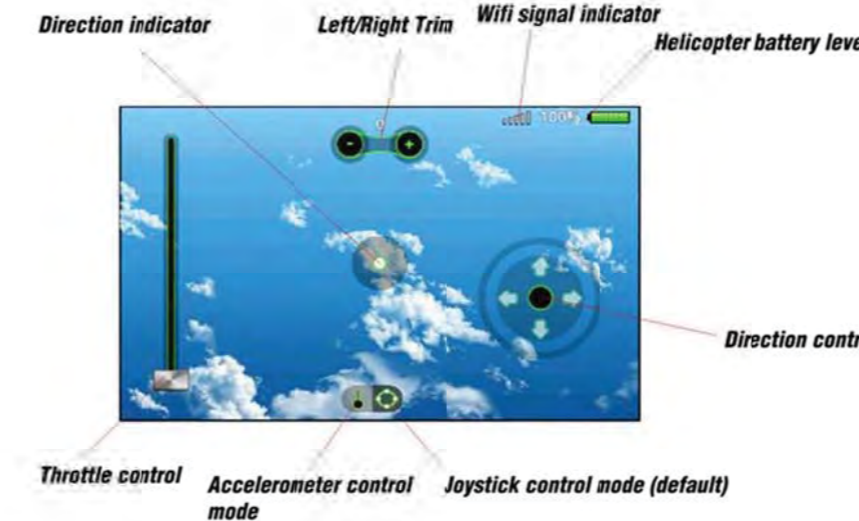
**!!! Warning !!!** Do not charge the helicopter by using 2 different USB sources such as 2 different computers or laptops. The 2 USB sources used must be from the same computer, laptop or other USB empowered device.

**WARNING!** Interrupting the charge before the charge cycle is completed will not damage the battery, however for the longest flight times please let the charger finish its charge cycle.

### Wi Fli HELICOPTER CONNECTING INSTRUCTIONS:

1. Turn on the Wi Fli Helicopter and wait around 20 - 25 seconds of the helicopter's onboard computer boot-up.
2. Download the "WiFli Control" Application with Apple App Store for iOS device or Android Market for Android Devices by searching the keyword "WiFli Control".
3. Turn the handheld device "AIR PLANE" mode on. (if applicable) **IMPORTANT!!!** This is to prevent the application interrupt by incoming call, which will lead to a loss control.
4. Turn on the WiFi on the handheld device and connect to the Wi Fli Helicopter with SSID "wifli".
5. Wait of around 3-5 seconds for device sync the connection.
6. Launch the "WiFli Control" application.
7. Push the "Connect" button.
8. Control the helicopter via the touch screen with the throttle and direction stick.

### CONTROL SCREEN DEFINITIONS:



### FLYING YOUR Wi Fli HELICOPTER:

**TAKE OFF** - To take off, the rotors need to spin up to speed to produce lift. For great take-offs use the following steps.  
1. Select the Control Mode. 2 Control mode is available: Joystick control mode and Accelerometer control mode. To select, simply push the control mode button on the touch screen.

- A) Joystick Control mode selected.  
2) Slide the Throttle control to UP and watch the helicopter leap off the ground.  
3) Fly the helicopter to different direction by move the Direction Control to the direction you want. Move further away from the centre, the helicopter move faster.  
4) Your helicopter must be "trimmed" to stop unwanted rotation. First, simply raise the helicopter to eye level and push the Left/Right Trim either left(-) or right(+) until the helicopter stops spinning. This should be done every time you fly your helicopter after charging. The trim setting will vary as the helicopter battery drains. Re-adjust trim during flight as required.

- B) Accelerometer Control mode selected.  
2) Slide the Throttle control to UP and watch the helicopter leap off the ground.  
3) Fly the helicopter to different direction by directly slide the Handheld device to the direction you want. The Gravity sensor inside your handheld device will detect the direction you slide. Slide further, the helicopter move faster.  
4) Your helicopter must be "trimmed" to stop unwanted rotation. First, simply raise the helicopter to eye level and push the Left/Right Trim either left(-) or right(+) until the helicopter stops spinning. This should be done every time you fly your helicopter after charging. The trim setting will vary as the helicopter battery drains. Re-adjust trim during flight as required.

### REPLACING DAMAGED MAIN ROTOR BLADES (NOT INCLUDED):

1. Locate the broken rotor blade and use a fine Philips screw-driver (not included) to unscrew the tiny screw that holds the rotor blade in place on the rotor hub. Be careful not to lose the screw as it is tiny.
2. Pull the damaged rotor blade horizontally out of its location on the rotor hub.
3. Install a new rotor blade in the same location on the rotor hub by sliding it in horizontally. The holes for the screw have to align. It is very important that the correct rotor blade is installed as the upper and lower main rotor blades may appear to be similar but are in fact very different. The helicopter will not be able to fly if the incorrect rotor blades are installed.
4. Fasten the new rotor blade to its mounting point on the rotor hub with the same tiny screw. Do not over tighten the screw as the rotor blade needs to be able to spin freely inside its rotor hub housing mounting point.

### REPLACING DAMAGED TAIL ROTOR:

1. Locate the broken tail rotor on the end of the helicopter's boom.
2. Remove the broken tail rotor by gently pulling it upwards off of the tail motor's axle shaft.
3. Install the replacement tail rotor by sliding it onto the tail motor's axle shaft in the reverse process as outlined in step 2.
4. Gently press down on the replacement tail rotor until it is firmly in place.

### PLEASE! DO NOT RETURN THIS PRODUCT TO ANY RETAIL STORE!

For any questions or problems with this product please contact us at: Email: [info@interactivetoy.com](mailto:info@interactivetoy.com)  
Phone: Inside North America: +1-416-444-6873 Outside North America: 1-866-214-2220  
Address: Interactive Toy Concepts, 17 Vulcan Street, Toronto, Ontario, Canada. M9W 1L3 Web site: [www.interactivetoy.com](http://www.interactivetoy.com)

### IMPORTANT SAFETY INFORMATION

Keep the BladeRunner Interceptor helicopter away from face, eyes and hair at all times. Keep fingers away from moving rotors or propellers. Do not fly the plane near or at other people or animals. Use caution when flying, make sure people around you know that you are playing with the helicopter. Recommended for use outdoors and indoors. When flying outdoors avoid operating your BladeRunner Interceptor helicopter near power-lines, trees, or roof-tops. Do not fly your BladeRunner Interceptor helicopter during windy conditions, rain or any other form of precipitation or harsh weather. Also make sure that your BladeRunner Interceptor helicopter does not have the opportunity to land in a wet or hazardous area such as snow, water, mud, or rocks. When flying indoors, only fly in rooms without obstacles, breakable objects or fans. The USB charging cable provided in this package is for charging the helicopter ONLY. Do not use any other source to charge the helicopter. Do not attempt to overcharge your helicopter. Follow the charging instructions provided in this instruction manual.

### IMPORTANT BATTERY INFORMATION

Use only batteries recommended in this instruction manual. Do not mix old and new batteries. Do not mix alkaline, standard, lithium, rechargeable, or different types of batteries. Do not use rechargeable batteries. Be careful to install the batteries with the correct polarity, as indicated. Battery should be replaced by adults. Rechargeable batteries are only to be charged under adult supervision. Never leave a battery unattended while it is being charged. Never leave a battery unattended in the presence of children. Non-rechargeable batteries are not to be recharged. Rechargeable batteries are to be removed from the toy before being charged. Do not throw batteries into the fire. Exhausted batteries are to be removed from the toy. The supply terminals are not to be short-circuited. The Interceptor uses one 9-Volt (not included).

### FCC NOTE: U.S. ONLY

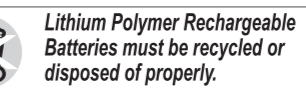
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- 1) This device may not cause harmful interference.
  - 2) This device must accept any interference received including interference that may cause undesired operation.
- Warning:** 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. The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications 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 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 turn the equipment off and on, the user is encouraged to try and 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 to 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.
- This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, Human proximity to the antenna shall not be less than 20cm (8 inches) during normal operation.

### Limited 30-day warranty

Product is warranted by Interactive Toy Concepts Limited against manufacturing defects in material and workmanship under normal use for thirty (30) days from the date of purchase.

**Warranty is validated upon receipt of proof of purchase and confirmation of UPC code.**



WiFli are registered trademarks of Interactive Toy Concepts © 2011 All Rights Reserved.  
Manufactured by and distributed by Interactive Toy Concepts Ltd. Conforms to Safety Standards ASTM F963 Regulatory Requirements. Products and colors may vary. MADE IN CHINA.

Proof of Purchase

INS-50600-FCC