

# Wi-Spi Helicopter

## INSTRUCTION MANUAL

AGE  
12+

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

Congratulations on the purchase of your Wi-Spi 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-Fi HELICOPTER:

To prevent damage during shipping, the Wi-Spi 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-Spi Helicopter from the package. Be very careful when removing the Wi-Spi 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 Wi-Spi Helicopter
- 1 x AC Charger
- 1 x Replacement Tail Rotor
- 2 x Replacement Balance Bar to Upper Rotor Connectors

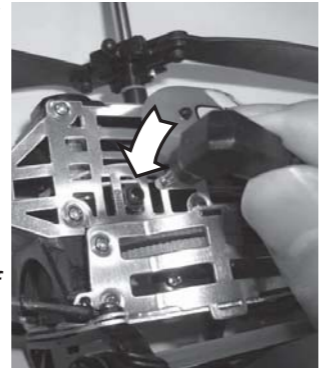


### CHARGING YOUR Wi-Spi HELICOPTER:

The Wi-Spi Helicopter needs to be charged prior to the first flight. Please charge the Wi-Spi Helicopter before the first flight for optimal performance using the following steps.

1. Ensure the Wi-Spi Helicopter's On / Off Switch is in the OFF position. The LED at the bottom front of the Wi-Spi Helicopter will turn off when the Helicopter is turned off.
2. Insert the AC charger into the electrical outlet.
3. Once the AC charger is securely plugged into the power source, connect the Circular Charging Plug into the Wi-Spi Helicopter's Charging port located at the left side of the Wi-Spi Helicopter.

4. Charging will start automatically. Note, the LED at the bottom front of the Wi-Spi Helicopter will light up green during charging even though the Wi-Spi Helicopter is turned off.



Charging will take 30 – 60 minutes for up to 3 - 5 minutes of flight.

5. Once the charging is complete, the green LED on the bottom front of the Wi-Spi Helicopter will turn off.
6. Make sure to unplug the AC charger from the Wi-Spi Helicopter's Charging Port first.

Secondly, unplug the AC charger from the electrical outlet. 7. The Wi-Spi Helicopter is now ready to fly.

### Color LED showing battery power and charging status

#### Red LED is ON:

Helicopter is either turned ON.

#### 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-SPI 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 3 - 5 MINUTE FLIGHT THE HELICOPTER WILL NEED A 30 – 60 MINUTE CHARGE.

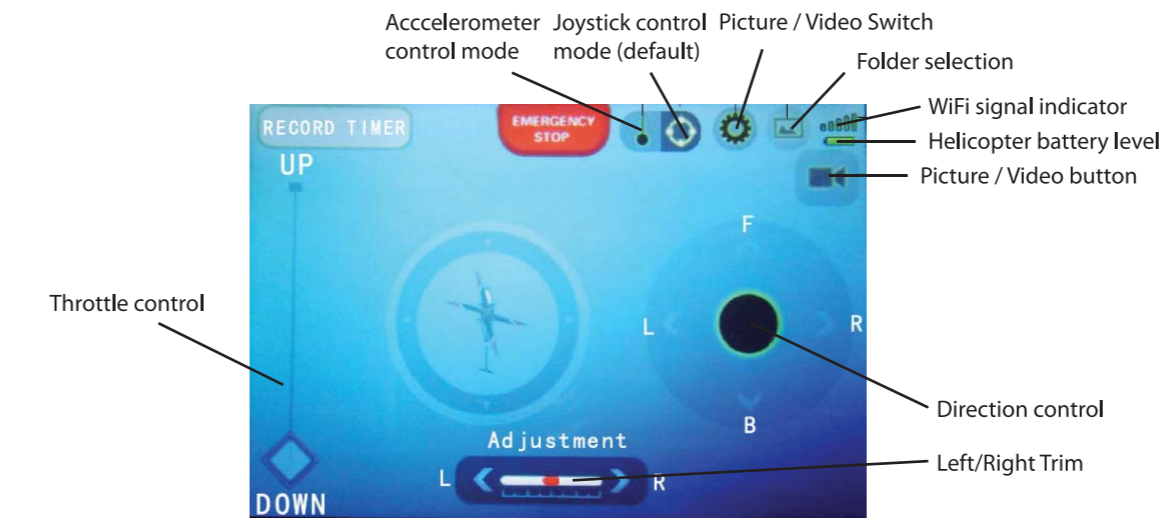
TIP! YOU DO NOT NEED TO WAIT FOR THE CHARGE TO BE COMPLETE TO FLY. SHORTER CHARGE TIMES = SHORTER FLIGHT TIMES.

**WARNING!** 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-Spi HELICOPTER CONNECTING INSTRUCTIONS:

1. Turn on the Wi-Spi Helicopter and wait around 20 - 25 seconds of the helicopter's onboard computer boot-up.
2. Download the "WiSpi Control" Application with Apple App Store for iOS device or Android Market for Android Devices by searching the keyword "WiSpi 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-Spi Helicopter with SSID "wispi".
5. Wait of around 3-5 seconds for device sync the connection.
6. Launch the "WiSpi 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-SPI 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.

2. Picture/Video Taking: Select the Folder that you want to save your Picture/Video file. Select Picture or Video that you want to capture. Press Picture/Video button to record.

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

1. Locate the broken rotor blade and use a fine Phillips 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 Wi-Spi 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. Do not operate your Wi-Spi helicopter near power-lines, trees, or roof-tops. Do not fly your Wi-Spi helicopter during windy conditions, rain or any other form of precipitation or harsh weather. Also make sure that your Wi-Spi helicopter does not have the opportunity to land in a wet or hazardous area such as snow, water, mud, or rocks. Only fly in rooms without obstacles, breakable objects or fans. The AC Charger 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.

### 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.  
Federal Communications Commission (FCC) Radiation Exposure Statement  
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 20 cm (8 inches) during normal operation.

### IC Statement

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:  
(1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.  
Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

WiFi Helicopter  
Model No.: 44077  
**CE 06780**  
Interactive Toy Concepts (HK) Ltd.