

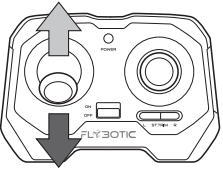
3. Flight control:

Hover up and down:

The throttle stick controls the drone elevation. Push the stick forward and the drone will rise. Pull the stick downward and the drone will descend. Only small amounts of stick position changes are required for smooth flying.

Hover up

Hover down

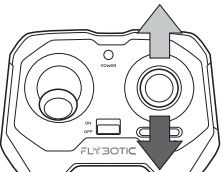


Forward and backward flight:

Maintain the Drone at a certain height. Push the direction stick upward to fly the Drone forward, and pull it downward to fly the Drone backward.

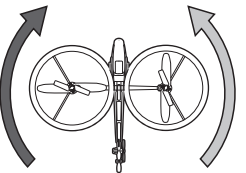
Forward

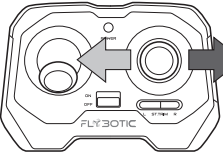
Backward



Turn left and right:

Maintain the Drone at a certain height. Push the direction stick toward left to turn the drone counter clockwise, and push it toward right to to turn it clockwise.





Trouble Shooting

Symptom	Cause	Correction
The drone does not response.	- The drone and/ or the transmitter is switch off ("OFF"). - The battery of the drone is weak.	- Set the power switch to "ON". - Recharge the battery of the drone.
The Drone does not react, or react poorly to operation by transmitter.	- PAIRING / SYNC Procedure is not yet completed or done.	- Repeat the PAIR/SYNC procedure again.
Loss of control.	- Another infrared control device using the same frequency band. - Out of the control range of distance. - Rotor blade is deformed or distorted.	- Avoid these if possible, or choose another place to operate the helicopter. - The transmission range is up to 30 meters in open space. - Replace the rotor blade with the spare one provided.

Bumper Phoenix™

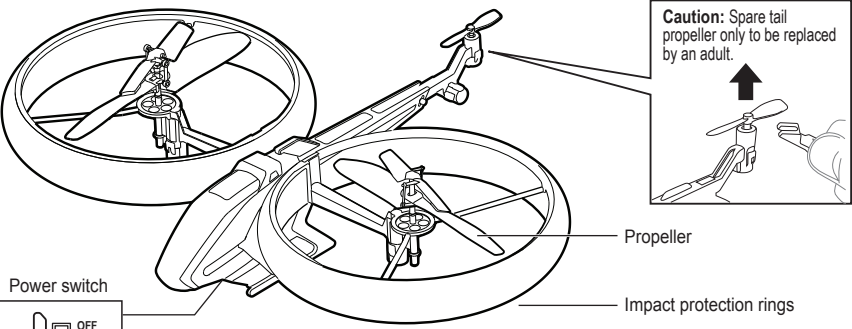
f

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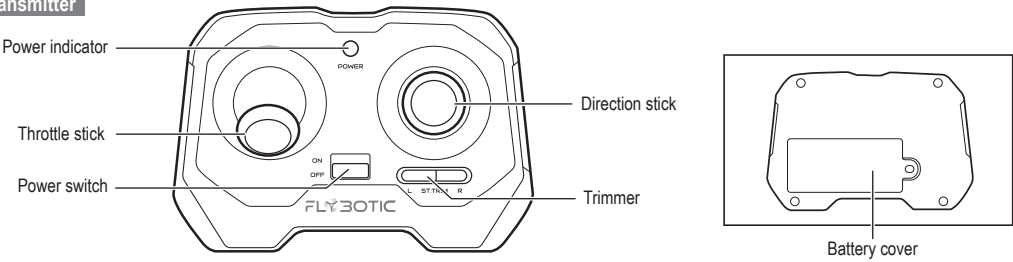
Part Identification

Drone



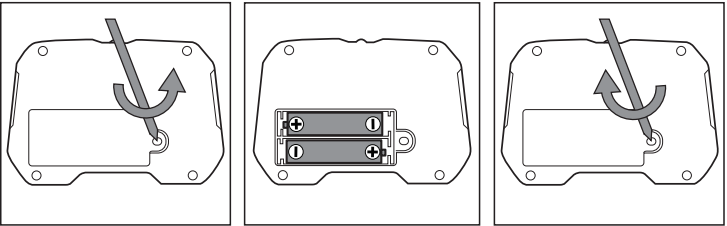
Caution: Spare tail propeller only to be replaced by an adult.

Transmitter



Battery Installation & Charging

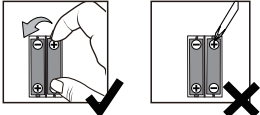
Transmitter Battery Installation (*Make sure the power switch is on “OFF” position.)



Warning!

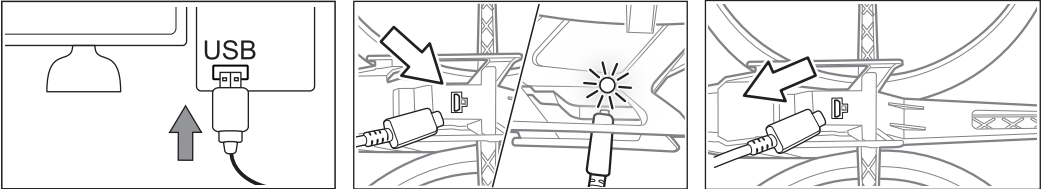
Remove these batteries from the unit by pulling up on one end of each battery positive by hand.

DO NOT remove or install batteries using sharp or metal tools.



Note: When the Power indicator on the transmitter starts blinking, replace the batteries.

Charging the Drone



1. Connect the charging cable to a USB socket.

2. Turn off the drone. Insert DC plug into the charging socket. The charging process will begin automatically, and the charging indicator will light up.

3. Unplug the charging plug when charging indicator turns off, charging is completed.

Note: 1. The drone can operate for about 5 minutes per every 30 - 45 minutes charging.
2. Before recharging the battery, wait 10 - 15 minutes for it to cool down.

BUMPER PHOENIX

MFR No. 84814

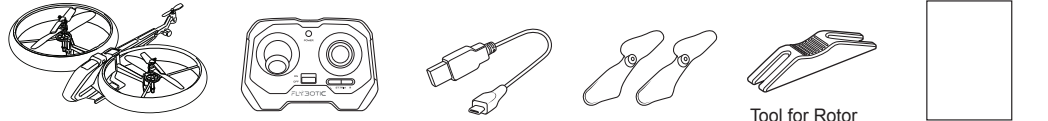
CE

This toy is only to be connected to equipment bearing either of the following symbols:

 OR 

Hereby, Silverlit Toys Manufactory Ltd declares that the radio equipment 84814 is in compliance with Directive 2014/53/EU.
The full text of the EU declaration of conformity is available at the following internet address: www.silverlit.com/a/certificate
Frequency Band Range: 2400 - 2483.5MHz Maximum Radio-Frequency Power: <10dBm

Delivery contents



Precautions, Warnings & Statements



WEEE

The symbol showing a crossed-out rubbish bin indicates that ordinary batteries, rechargeable batteries, button batteries, battery packs etc. should not be disposed of with household waste. Batteries are dangerous for health and the environment. Help to protect the environment against health risks. Ask your child to dispose of batteries cleanly by taking them to your local collection points. In this way, batteries can be recycled safely.



FCC Statements

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: 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 equipment 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 turning the equipment off and on, the user is encouraged to try to 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 into 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.

Care and Maintenance:

- Always remove batteries from the product when it is not being used for a long period of time. (Transmitter only)
- Wipe the product gently with a clean damp cloth.
- Keep the product away from direct heat.
- Do not submerge the product into water that can damage the electronic assemblies.

Special notes:

- Caution. Read the manual carefully before first use.

Notes:

- New alkaline batteries are recommended to use in this product to obtain best and maximum performance.
- This product must only be used with the recommended charger.

Battery warnings:

- Non-rechargeable batteries are not to be recharged.
- Rechargeable batteries are to be removed before being charged. (Transmitter only)
- Rechargeable batteries should be charged under adult supervision.
- Different types of batteries or new and used batteries are not to be mixed. (Transmitter only)
- Only batteries of the same or equivalent type as recommended are to be used.
- Batteries are to be inserted with correct polarity. (+ and -)
- Exhausted batteries are to be removed from the product. (Transmitter only)
- The supply terminals are not to be short-circuited.
- Do not mix old and new batteries. (Transmitter only)
- Do not mix alkaline batteries, standard batteries (carbon-zinc) and rechargeable batteries (nickel-cadmium). (Transmitter only)

This Drone is equipped with a LiPo rechargeable battery, please pay attention to the following cautions for safety use:

- Do not dispose the battery in fire or heat.
- Do not use or leave the battery near a heat source such as fire or heater.
- Do not strike or throw the battery against hard surface.
- Do not immerse the battery in water, and keep the battery in a cool dry environment.
- When recharging, only use the battery charger specifically for that purpose.
- Do not over-discharge the battery.
- Do not connect the battery to an electrical outlet.
- Do not directly solder the battery and pierce the battery with a nail or other sharp object.
- Do not disassemble or alter the battery.
- Charge the battery every 6 months.
- This toy (drone) contains battery that is non-replaceable

Battery requirement for Transmitter:

-  Power Supply : 
-  Rating : DC 3 V , 0.15 W
- Batteries : 2 x 1.5 V "AAA"/LR03/AM4 (not included)

Battery requirement for Helicopter:

-  Power Supply : 
-  Rating : DC 3.7 V , 10 W
- Batteries : 1 x 3.7 V LiPo Rechargeable Battery Pack (included)
- Capacity : 350 mAh

Silverlit®

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Flying the Drone

Tip! CONTROLLING

- For controlling the sticks on transmitter, try not to push the sticks immediately to any extreme positions. It should be like steering a bicycle rather than pressing computer game sticks.
- For the novice pilot (after the trimming procedure is completed), it is highly recommended to focus exclusively on learning to control the left stick first. If the Drone turns around by itself there is no need to keep it straight. For the first flight, it is important to learn to keep the Drone at a constant left of around 1 meter with very gentle inputs on the left stick. Once the pilot masters this, he may start learning to take control with the right stick.

1. Procedure for PAIR / SYNC the Drone and Transmitter

2.4 GHz technology allows for many Drone to fly without signal interference. A connection, PAIR / SYNC, must be made between the Drone and the transmitter to function. Follow these steps to PAIR/SYNC the Drone and the transmitter.

- Turn the Power Switch button to “ON” position on the Drone, the LED will gradually fade in and out.
- Place the drone on the ground with the tail point towards you and the nose pointing away.
- Switch on the transmitter.
- When the power indicator become flash. Push the throttle stick to top then pull down to bottom. The pair procedure is completed when the power indicator is light up. (Fig 1)

2. Trimming the Drone

- Gently push the throttle up to raise your drone about 0.5 to 1 meter high.

Keep going left

- When your drone keeps rolling sideways to left, press right side of the Trimmer continually until it stops rolling.

Keep going right

- When your drone keeps rolling sideways to right, press left side of the Trimmer continually until it stops rolling.

Rotate Trim

Vertical press the direction stick once, the Power indicator will flash to indicate it entered to rotate trim mode. Press again it will switch back to side fly trim mode.

Note: If no any input for awhile it will automatically go back to side fly trim (default).

Keep spiral or turning counter clockwise

- When your Drone keeps spiral or turning counter clockwise, press right side of the Trimmer continually until it stops turning.

Keep spiral or turning clockwise

- When your Drone keeps spiral or turning clockwise, press left side of the Trimmer continually until it stops turning.