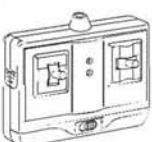


# Flying Fairy

RC POWERWINGS™

## Instruction Manual

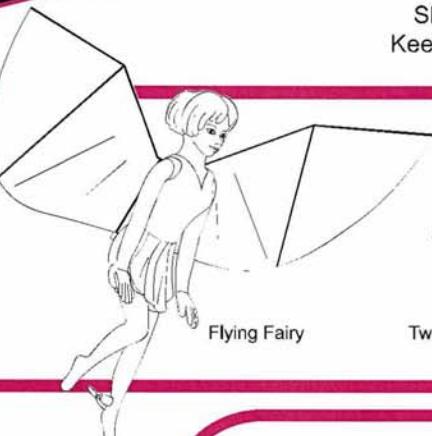
## Contents



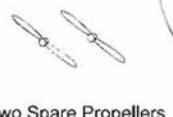
Radio Controller



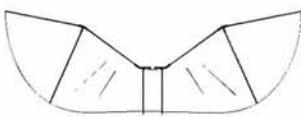
Antenna



Flying Fairy



Two Spare Propellers



Spare Wings

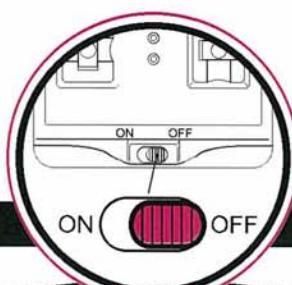
## Features

- Radio controlled, flies in multiple directions. (Moves forward, up and down, turns left and right)
- Frequency: 27.145MHz / 40MHz / 49MHz (Refer to the label on the product)
- Control distance: 25m (82ft)
- Flies both outdoors and indoors.
- 2 levels of power.

## Preparations



Your Flying Fairy comes completely assembled. All you need to do is to insert the antenna into the controller unit. Screw the antenna into the top of the controller. Tighten finger-tight. (Do not overtighten.)

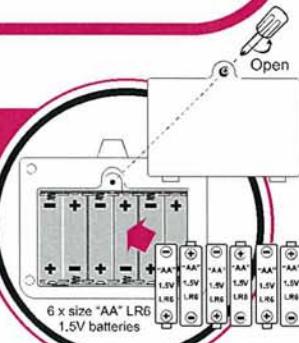


Be sure the power switch of the controller is in the "OFF" position before installing batteries.



### Battery Requirement

6 "AA" size 1.5V batteries for radio controller. (Note: For the best performance and longer play time, ALKALINE batteries are recommended. Batteries are not included in this package.)



Unscrew the battery door on the back of the controller with a Phillips screwdriver and insert 6 "AA" size 1.5V alkaline batteries (not included) into the battery compartment. Be sure the polarity of the batteries is correct according to the diagram on the battery compartment. Replace the battery door and tighten the screw. Do NOT over tighten.

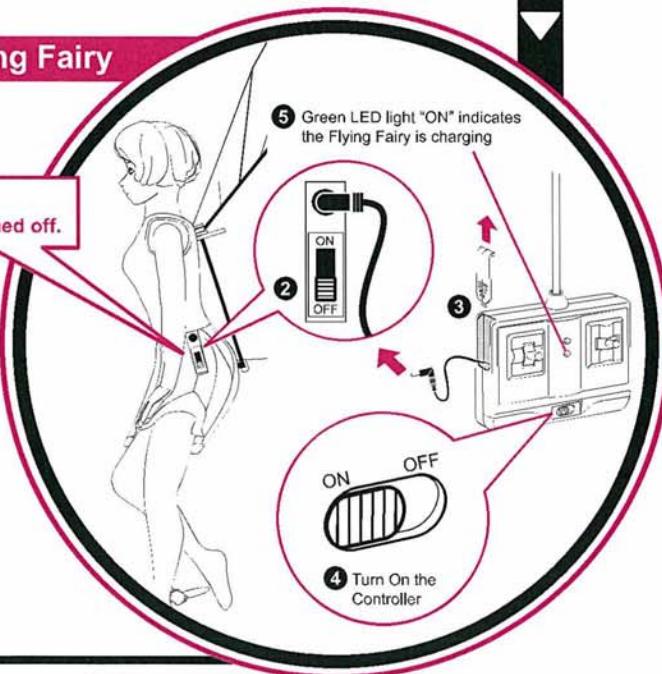
**BATTERY CONTACTS**  
Bent or dirty battery contacts may result in loss of power.

## Charging Your Flying Fairy

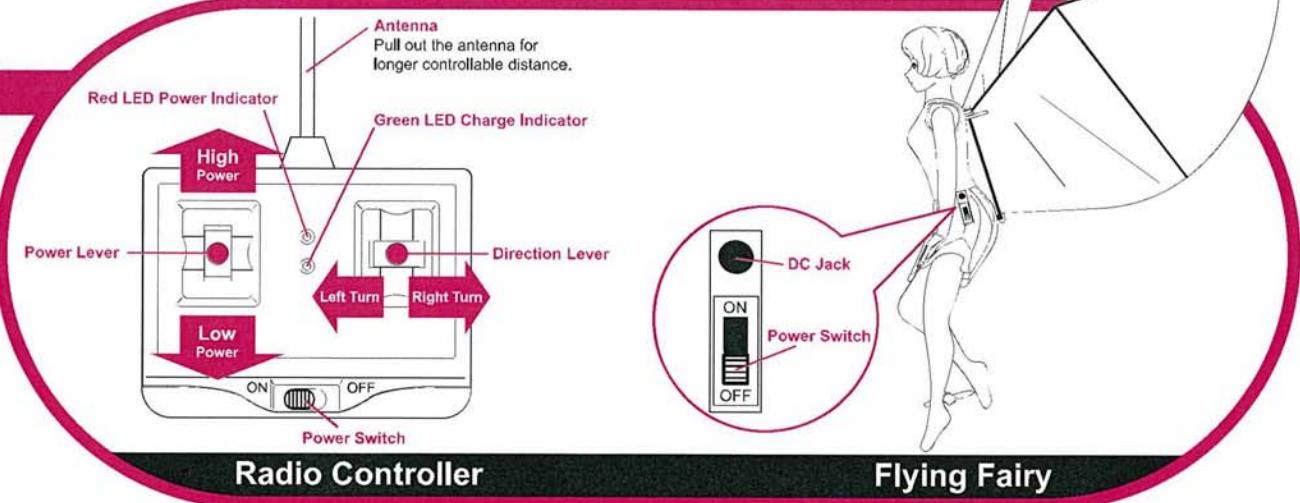
**IMPORTANT!**  
Be sure your Flying Fairy is switched off.

- 1 Make sure you have installed batteries in the controller.
- 2 Set the Flying Fairy's Power Switch to the "OFF" position.
- 3 Slide open the side door on the controller, pull out the wire and plug it into the body of the Flying Fairy.
- 4 Set the controller's Power Switch to the "ON" position.
- 5 The Green LED Charge Indicator will be lit. It shows the Flying Fairy is charging.

It takes around 20 minutes to fully charge the Flying Fairy. The charge indicator will turn off once complete. The Flying Fairy can have around 5 minutes flight time for each charge.  
Unplug the Flying Fairy and close the side door of the controller.



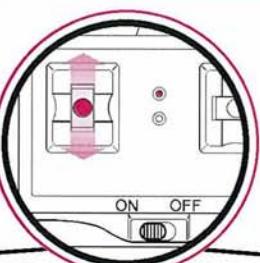
## Radio Controller and Flying Fairy



## Power Checking



Set the Flying Fairy's Power Switch to the "On" position.

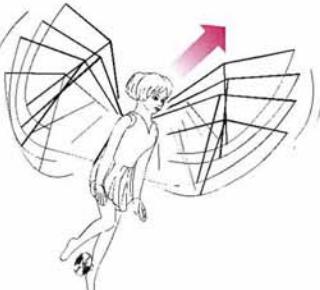
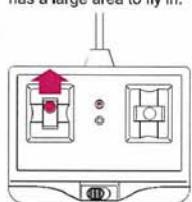


Set the Radio Controller's Power Switch to the "On" position. Red LED on the controller will be lit and the Flying Fairy starts flapping wing while pushing either lever.

## How to Operate Flying Fairy

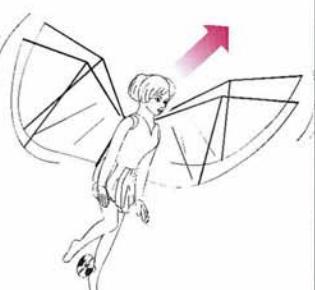
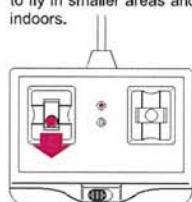
### High Power

When you push Power Lever up, the Flying Fairy starts to flap its wings. It flaps its wings more powerfully so make sure it has a large area to fly in.



### Low Power

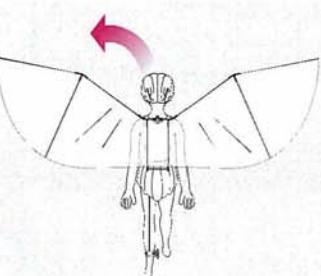
When you pull Power Lever down, the Flying Fairy starts to flap its wings. It flaps its wings less powerfully to enable it to fly in smaller areas and indoors.



### High Power and Low Power

### Left Turn

Keep the Flying Fairy in power, and push Direction Lever to the left to turn left.

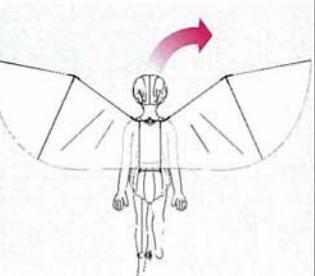


### Left Turn and Right Turn

Change the flying direction by few light pushes of Direction Lever. Do NOT hold the lever continuously, as the Flying Fairy flying direction cannot be changed rapidly; it will fall down easily.

### Right Turn

Keep the Flying Fairy in power, and push Direction Lever to the right to turn right.



Change the flying direction by few light pushes of Direction Lever. Do NOT hold the lever continuously, as the Flying Fairy flying direction cannot be changed rapidly; it will fall down easily.

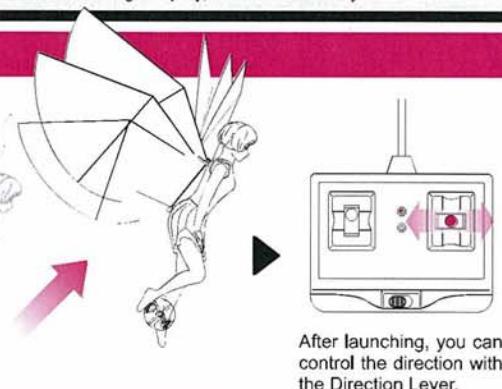
## Start Playing

Push the Power Lever up to flap the Flying Fairy's wing before you launch the Flying Fairy into the air.



## Launching

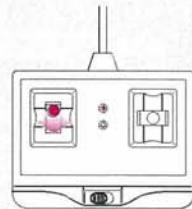
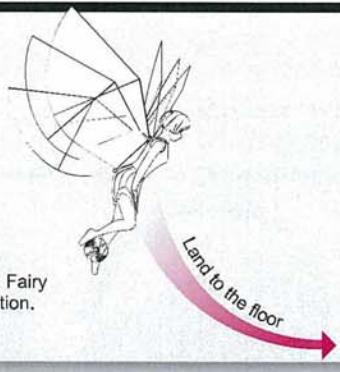
Hold the body of the Flying Fairy, be careful your hand does not stop the wings.



After launching, you can control the direction with the Direction Lever.

## Landing

Control to the Flying Fairy fly to the landing position.



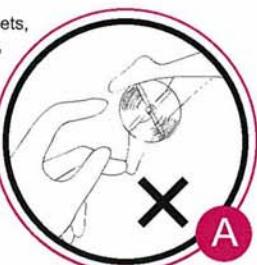
Reduce the power of Flying Fairy by releasing the Power Lever, the Flying Fairy will glide down slowly and make a landing finally.

## Picking Up Your Flying Fairy After Flight

- Make sure the Radio Controller is switched off when picking up the Flying Fairy.
- Keep your fingers away from the propellers as you or your friend may hold the lever and accidentally make the Flying Fairy in motion.

## Caution

- Be sure to fly your Flying Fairy only under adult supervision.
- Beware of the potential sharp points at the end of the wings. Do not put the wing near the eye or it may stick your eyes.
- Do not fly near cars, people, pets, overhead wires, bodies of water, buildings, trees, high voltage electronic tower or in strong winds.
- Keep fingers, hair and loose clothing away from the propeller while the Flying Fairy is switched ON.
- (Diagram 'A')
- Do not put foreign objects or tie material around the moving joints such as the wings.
- Do not hold the wings while the Flying Fairy is flapping.
- (Diagram 'B')
- Do not catch the Flying Fairy while it is flying.
- (Diagram 'C')
- Never wave the antenna of the controller around or put it close to people face, as there is a risk that the antenna tip could poke someone's eye etc.
- Always switch off the Flying Fairy and remove all batteries from the controller after each use. Never leave weak or dead batteries in the controller, as they may leak damaging chemicals.
- Charge the Flying Fairy by using the provided controller only, do NOT recharge the Flying Fairy with an AC/ DC adaptor.
- Remove all packaging material before the toy is given to a child.



## Helpful Tips

- 1) Do not use a damp cloth to clean or immerse the Flying Fairy in water for cleansing. Only use a dry cloth to clean off the dust.
- 2) Do not get the radio controller wet. If the controller accidentally gets wet, remove the battery and allow it to air-dry. Replace with fresh batteries before resuming operation.
- 3) Do not bend the wings of Flying Fairy as this may affect its performance.
- (Diagram 'D')
- 4) Always switch off the Flying Fairy when it is not in use.
- 5) After about 5 minutes of flying time, the speed of Flying Fairy will be slower. The battery is nearly exhausted, Flying Fairy will gradually descend and land to the floor. It's time for recharge.
- 6) For best performance, hold the controller antenna upright and pointed towards Flying Fairy. If your Flying Fairy gets too far away, it will not work properly.
- 7) When the Flying Fairy flies erratically, the problem is usually the result of interference caused by high tension wires, CB radios, or other R/C vehicles running nearby on the same frequency as yours. You may have to choose an alternative place to play.
- 8) Do not store the Flying Fairy or controller near heat or in direct sunlight.
- 9) Your Flying Fairy flying time may change depending on your flying style.
- 10) Flying Fairy flies straight when the wings are LEVEL.
- 11) Keep the Flying Fairy within 25m of the controller.
- 12) Remember to close the controller side door to avoid losing it, the wire can be pulled out while the door is closed.
- (Diagram 'E')
- 13) Please note the controllable distance may vary indoors as the radio signal is affected by lots of obstacles.
- 14) If a day or more passes without charging the Flying Fairy, fully recharge it before playing.



## Broken Body

- Apply white glue to the broken areas, press them back into position then reinforce with clear cellophane tape.
- DO NOT USE SUPER GLUE. Super glue may cause unwanted effects to the foam which may result in irreparable damage. Repairs should be conducted under adult supervision to ensure safety.

## Battery Caution

- 1) Always follow the instructions carefully.
- 2) Do not mix old and new batteries or batteries of different types.
- 3) Do not mix alkaline, standard (carbon-zinc) or rechargeable (nickel-cadmium) batteries.
- 4) Use only batteries specified and be sure to insert item correctly by the + and - polarity markings. Always follow the toy and battery manufacturer's instruction.
- 5) Remove batteries when not in use. Always remove exhausted batteries from the controller. Dispose batteries safely.
- 6) Non-rechargeable batteries are not to be recharged.
- 7) Battery installation should be done by an adult.
- 8) Flying Fairy is only to be charged under adult supervision.
- 9) Only batteries of the same or equivalent type as recommended are to be used. Do not recharge other types of batteries.
- 10) Do not charge Flying Fairy for longer than specified in this instruction manual.

- 11) Always unplug the wires when not in use.
- 12) Never leave a rechargeable Flying Fairy unattended when charging.
- 13) Rechargeable batteries are not recommended for use in the controller.
- 14) Never short-circuit the battery terminals.
- 15) Dispose of old batteries promptly and properly; do not burn or bury them.
- 16) Do not dispose of batteries in a fire, batteries may explode or leak.
- 17) Do not disassemble a battery as it may burst and release toxic liquids.
- 18) Bent or dirty battery contacts may result in loss of power.
- 19) Should this product cause, or be affected by, local electrical interference, move it away from other electrical equipment. Reset (switching off and on again or removing and re-assembling batteries) if necessary.
- 20) Charge the Flying Fairy by using the supplied charger(controller) only.
- 21) The battery inside the Flying Fairy is not replaceable, please do not try to replace the internal battery.

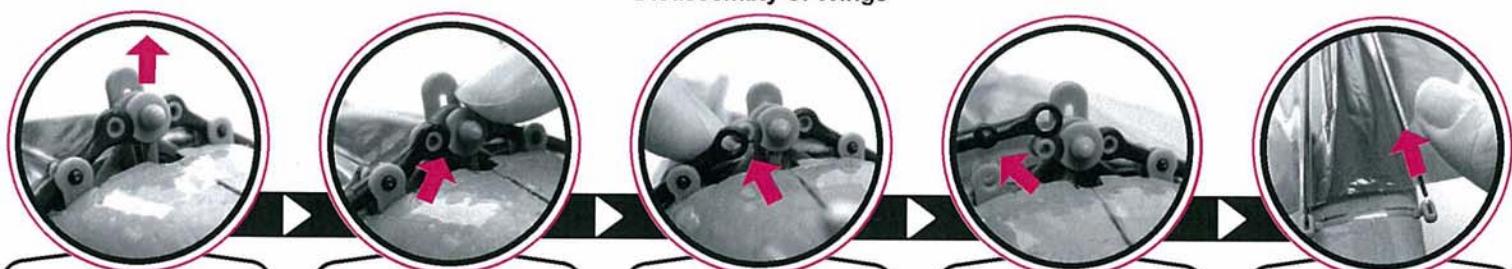


## Assembly Of The Wings

Please replace the wings with the extra set provided, IF damaged. The replacement should be done by an adult.

PLEASE READ VERY CAREFULLY BEFORE FITTING NEW WINGS!!!!

### Disassembly of Wings



Carefully pull up the central section of the wings. Now you can see a set of locks where the wings connect.

Turn the center knob until the notch is aligned with the flexible wing tubes.

Carefully unhook the inner lock on the flexible wing tubes.

Gently unhook the outer lock. Repeat steps 1-4 to release the other side.

Release the flexible tubes at the back of the wings.

### Installation of New Wings



Make CERTAIN the wing holders stay facing upwards.

Fit the new wings, the glossy side of the wings MUST be facing the Flying Fairy.

Carefully re-hook the inner lock.

Be sure the wing holders stay up and carefully re-hook the outer lock.

Turn center knob until the notch faces up.

## Assembly Of Propeller

- If the propeller in the foot of the Flying Fairy is missing, please assemble a new propeller before playing. Two spare propellers are included in this pack.

- Apply glue to the extended shaft, insert the propeller into the shaft. Hold the propeller to the shaft for a moment until the propeller is fixed.

## FCC RULES

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

- This device may not cause harmful interference, and
- This device must accept any interference received, including interference that may cause undesired operation.

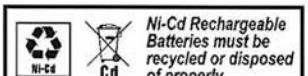
**Caution:** Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**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 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 experienced radio / TV technician for help.

Finally, insert the new wings flexible tubes into the slots at the back.



Waste electrical products/ batteries should not be disposed of with household waste. Separate disposal facilities exist, for your nearest facilities.



## Troubleshooting Guide

If you are experiencing difficulties with the Flying Fairy, before calling our customer service hotline, try checking these areas:

Problem	Solution
1 Flying Fairy does not work, LEDs are not lit though power is switched on.	a) The battery may be exhausted. Recharge the Flying Fairy and try again.
2 Flying Fairy is not responding to the controller.	a) The controllable distance is too great and out of signal receiving range. Control the Flying Fairy within 25m to make the signal receive. Make sure that the antenna of the Flying Fairy controller is fully extended. b) There is interference caused by high tension wires, CB radios, or other R/C vehicles running nearby on the same frequency as yours. It is better to choose an alternative place to fly. c) The batteries in controller are exhausted, replace with fresh batteries.
3 Flying Fairy does not fly properly.	a) The knob or the lock in the central section of the wings may be loose, fit it well before playing.
4 Flying Fairy does not turn properly.	a) There may be dust etc. in the propeller in the foot of the Flying Fairy. Check it and make sure it is clean and free of restrictions to allow it to rotate correctly. b) The propeller may be missing, assemble a new one to the Flying Fairy.
5 The recharge indicator of the controller is flashing during recharge.	a) Replace fresh batteries to the controller.
6 Charging time of Flying Fairy is over 30 minutes.	a) Replace fresh batteries to the controller.

If there is any problem with Flying Fairy, please call our customer service hotline: (852) 2793 1288. Please do not return goods to retail stores directly. For enquiry: [info@aok-ltd.com](mailto:info@aok-ltd.com)



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