Aerpro
First Choice

MODEL APFOX720

FLYING FOX
RC QUADCOPTER DRONE

FLIGHT MANUAL

Battery requirements for tranmitter:
4X1.5V 'AA' size batteries (not included)

Flying Fox is equipped with a Li-poly rechargeable battery, please also pay attention to the following safety precautions:

* Don't use or leave the battery near a heat source such as fire or heater
* Don't strike or throw the battery against any hard surface
* Don't immerse the battery in water, and keep the battery in a cool dry place
* When recharging, only use the battery charger intended for that purpose
* Don't over-charge the battery
* Don't connect the battery to an electrical outlet
* Don't directly solder the battery or pierce it with a nail or other sharp object
* Don't transport or store the battery together with metal objects
* Never charge the battery for more than one hour
* Never leave charging battery unattended

Note:
* Always dispose of old batteries responsibly

Safely Precautions

● Please read through the manual's before using.
● Please store small parts in a place well out of the reach of small children.
● Never leave the **Flying Fox** unattended during battery charging.
● Never throw any batteries in a fire.
● Never fly the **Flying Fox** near other people.
● Keep all body parts away from the copter while the rotor blades are spinning.
● Never try to repair circuitry, there are no serviceable electronic parts inside the **Flying Fox** or transmitter.

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Flying Precautions

1. Keep small parts out of the reach of children,to avoid choking hazard.
2. The **Flying Fox** is powerful, when taking off, move the throttle stick forward gradually, to avoid it's rising too fast.
3. After flight, turn off the **Flying Fox** first, then turn off the controller.
4. Do not put the battery in high temperature or near heat source
5. Note, to avoid injury or damage, the **Flying Fox** should not be flown nearer than 2 meters / 7 feet from people or other obstacles.
6. Children should fly the **Flying Fox** under adult supervision only. Always keep the **Flying Fox** in clear sight while flying.
7. Always turn off the power of the controller and **Flying Fox** when not in use.

Battery Protection

1. The **Flying Fox** is equipped with low-voltage protection: When it's battery is low, the programmed control system will stop electrical supply to **Flying Fox's** rotors. The battery then needs charging to allow the **Flying Fox** to fly again.
2. The **Flying Fox** is equipped with over-current protection:When the copter blades are jammed, to prevent damage, the control system will stop electrical supply to rotors.

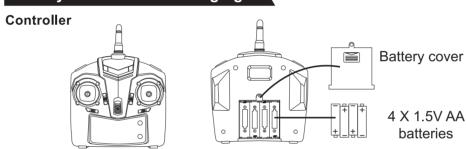## Maintenance

1. Clean the **Flying Fox** with clean, dry soft cloth only.
2. To avoid irreparable damage, keep the **Flying Fox** dry and away from water. Do not fly in rainy conditions
3. Check the **Flying Fox** and accessories for damage. If damage is found, do not use the **Flying Fox** until it is repaired.

Battery Installation & Charging

Controller

1. **To install batteries:** Open the cover of battery case, insert 4 X 1.5V AA batteries, according to indicated polarity. (batteries not included)
Battery installation should be done under adult supervision only!
Do not mix old and new batteries.
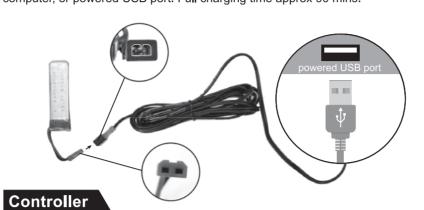**Do not mix different types of batteries.**

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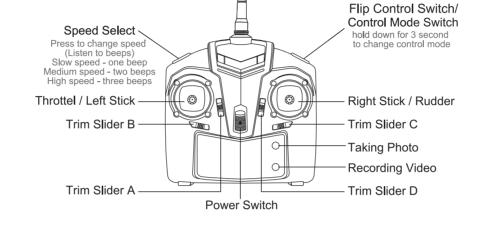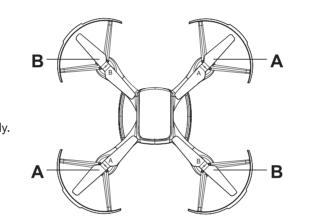## Charging

Connect the battery to the USB charging lead and connect to the USB to your computer, or powered USB port. Full charging time approx 90 mins.

Controller

Speed Select
Press to change speed
(Listen to beeps)
Slow speed - one beep
Medium speed - two beeps
High speed - three beeps

Flip Control Switch/
Control Mode Switch
hold down for 3 second
to change control mode

Throttel / Left Stick
Trim Slider B
Trim Slider A
Power Switch

Right Stick / Rudder
Trim Slider C
Taking Photo
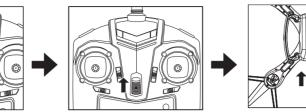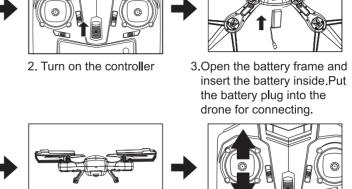Recording Video
Trim Slider D

Drone

Replacing Damaged blades:
Your set will come with 4 replacement rotors, two (A) type and two (B) type. You will see the "A" and "B" word on the canopy, put the rotor on the motor accordingly.

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Operating steps

1. Put the throttle lever down.
2. Turn on the controller
3. Open the battery frame and insert the battery inside.Put the battery plug into the drone for connecting.
3. Turn on the **Flying Fox** (The LED light on the drone flashes rapidly)
4. Place the **Flying Fox** at a level position.
5. Push the throttle lever up and down, a beep will sound. The controller connects to the **Flying Fox** (The LED light on the drone remains on). The **Flying Fox** is ready to fly.

MODE 2

Operation and Control

Up and down — Rise / Drop

Forward and Backward — Forward / Backward

Left Spin and Right Spin — Left Spin / Right Spin

Leftside and Rightside — Leftside fly / Rightside fly

Note: When the aircraft is flying towards you, the control directions are reversed.

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Trim fine tuning

Upward/downward fine-tuning
Left/right spin fine tuning
Forward/backward fine-tuning
Leftside/rightside fine tuning

Downward Trim	Upward		Downward Trimmer
Upward Trim	Downward		Upward Trimmer
Backward Trim	Forward		Backward Trimmer
Forward Trim	Backward		Forward Trimmer
Leftside Trim			Leftside Trimmer
Rightside Trim			Rightside Trimmer
Left spin Trim			Left spin Trimmer
Right spin Trim			Right spin Trimmer

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Radical Flips & Rolls

You can perform flip with your **Flying Fox** in any of the speed settings. Press the control mode switch and then control the rudder (Forward/backward/Left/Right),the **Flying Fox** will flip in that direction

Left flip
Press the control mode switch and then control the rudder to left

Right flip
Press the control mode switch and then control the rudder to right

Forward flip
Press the control mode switch and then control the rudder to forward

Backward flip
Press the control mode switch and then control the rudder to backward

⚠ Before you perform a Flip Trick, always make sure you have enough space both above and below your **Flying Fox**.

MODE 4

Operation and Control

Up and down — Rise / Drop

Forward and Backward — Forward / Backward

Leftside and Rightside — Leftside fly / Rightside fly

Left Spin and Right Spin — Left Spin / Right Spin

Note: When the aircraft is flying towards you, the control directions are reversed.

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Trim fine tuning

Upward/downward fine-tuning
Leftside/rightside fine tuning
Forward/backward fine-tuning
Left/right spin fine tuning

Downward Trim	Upward		Downward Trimmer
Upward Trim	Downward		Upward Trimmer
Backward Trim	Forward		Backward Trimmer
Forward Trim	Backward		Forward Trimmer
Leftside Trim			Leftside Trimmer
Rightside Trim			Rightside Trimmer
Left spin Trim			Left spin Trimmer
Right spin Trim			Right spin Trimmer

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Radical Flips & Rolls

You can perform flip with your **Flying Fox** in any of the speed settings. Press the control mode switch and then control the throttle/rudder (Forward/backward/Left/Right),the **Flying Fox** will flip in that direction

Left flip
Press the control mode switch and then control the throttle to left

Right flip
Press the control mode switch and then control the throttle to right

Forward flip
Press the control mode switch and then control the rudder to forward

Backward flip
Press the control mode switch and then control the rudder to backward

⚠ Before you perform a Flip Trick, always make sure you have enough space both above and below your **Flying Fox**.

Auto trim function(Mode 2 /Mode 4)

You can use the auto trimming feature of your **Flying Fox** in any speed setting. Angle both the throttle and rudder, down and to the left (as above) for 10 seconds. The light on the **Flying Fox** will flash rapidly, release both throttle and rudder and the light will remain on indicating auto trim success.

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Instruction manual for Flying Fox camera function

HOW TO INSTALL CAMERA AND REVIEWING PHOTOS/VIDEOS

① 1.Insert the TF card CORRECTLY into the camera. 4GB card included.

② 2.Connect the camera to the drone.

③ 3.Hang the camera on the drone.

④ 4.To view video and photos remove the Micro SD card from the camera. Place Micro SD card into Micro to USB adapter and place in USB port of your computer for download.

Product Specifications
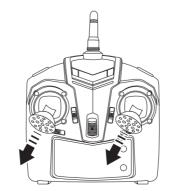
● Operating ambient Temp: -10 ~ +50 degress C
● Max flight speed: 20 km/h
● Max flight time: 10 mins
● Max tilt angle: 35 degress
● Battery: 3.7V / 750mAh Li-Po
● Charging time: 90 mins
● Remote frequency: 2.4GHz (Max Range 120M)
● Remote controller: 4 x AA 1.5V (not included)
● Max support: 32GB Micro SD card
● Video resolution: HD 1280 x 720P
● Photo resolution: 3.6MP
● 4GB Micro SD card & Micro-USB reader included

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Drones do's and dont's

● Do keep drones in your line of sight
● Do fly drones only in daylight hours
● Do not fly drones less than 30m from people, boats, vehicles or buildings
● Do not fly drones higher than 123m
● Do not fly drones over populated areas
● Do not fly drones within 5.5km of airfields
● Do get an unmanned operator's certificate for commercial drone use
● Do be aware that court-ordered penalties for drone misuse could apply

Technical Assistance

If you need assistance setting up or using your Aerpro Flying Fox product now or in the future, call Aerpro Support.
Australia

TEL: 03 – 8587 8898

FAX: 03 – 8587 8866

Mon-Fri 9am – 5pm AEST
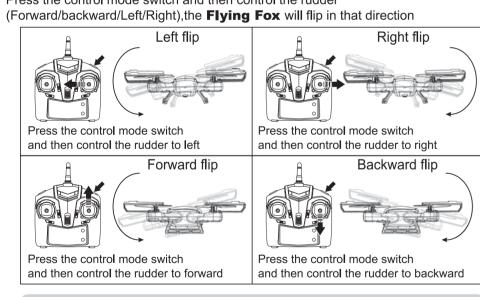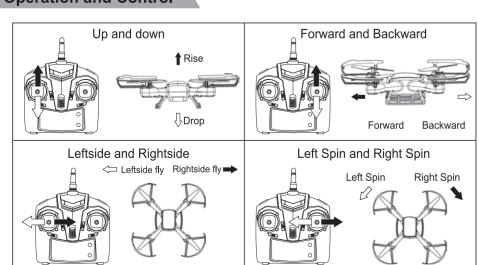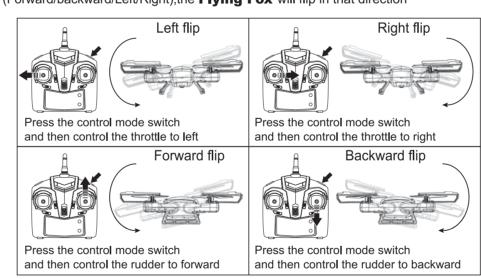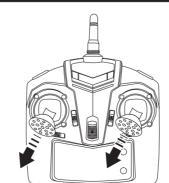
Please retain this user guide for future reference.

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