

**d-RED**



**SMART  
iCOPTER™**



## Smart iOS Accessories User Guide

d-Red™ Technologies Limited  
[www.d-RedShop.com/icopter](http://www.d-RedShop.com/icopter)



## Special Notice

**Note:** Attempting to fly the helicopter without completely reading the manual may cause injury to yourself and people in the vicinity, as well as damage to the helicopter.

The Smart iCopter is not a toy! If misused, it can cause serious bodily harm and damage to property. Fly only in open areas indoors following all instructions.

Keep items that can get entangled in the rotor blades away from the main and tail blades, including loose clothing, pencils and screwdrivers. Especially keep your hands away from the rotor blades.

Not recommended to be flown on carpeted surface. Recommended to fly on flat hard surface for optimum sensor detection.

## Additional Safety Precautions and Warnings

This model is controlled by a Bluetooth signal that is subject to interference from many sources outside your control. This interference can cause momentary loss of control so it is advisable to always keep a safe distance in all directions around your model, as this margin will help to avoid collisions or injury.

- **Never operate your model with low battery or damaged / broken rotor blades.**
- Always operate your model in an open area away from people.
- Keep all chemicals, small parts and anything electrical out of the reach of children.
- Moisture causes damage to electronics . Avoid water exposure to all equipment not specifically designed and protected for this purpose.
- Never lick or place any portion of your model in your mouth as it could cause serious injury or even death.

**Note:** These checklists are not intended to be a replacement for the content included in this instruction manual . Although they can be used as a quick start guide, we strongly suggest reading through this manual completely before proceeding .



## Introduction

Smart iCopter™ is a Smart iOS Accessory for use with iPod touch®, iPhone® or iPad®, featuring the Easy-Fly™ One Touch flying experience with user-friendly controls and much more.



### Lift Off

One touch, lift off and hover automatically.



### E-Land

One touch to land automatically.



### Altitude Slider

Adjustable slider for height control.



### Accelerometer

Control using your iPod touch, iPhone or iPad.



### Bluetooth

Bluetooth enabled helicopter with no adapter required.



### Trim

Re-calibrate your Smart iCopter.

## Overview

Ever thought how a pilot feels flying a Copter? Or did you ever try flying the traditional RC Control Copter but gave up?

The Smart iCopter features unique Easy-Fly and gyroscope technology for the smoothest, most stable flight experience ever. Authentic, detailed styling adds to the fun of flying like a Pro.

The following accessories come together in the box when you purchase your Smart iCopter:



Smart iCopter



2x Extra Main Rotor Blades  
1x Extra Tail Rotor Blade



USB Charging Cable



User Manual

Product Name: Easy Fly Smart iCopter  
Model: IOS2053

## Drive Mode

The Smart iCopter comes with the ability to be driven on the ground. Use the Drive Mode to familiarize yourself on directional controls of the Smart iCopter before taking to the air.

### Ignition



Press and hold "Ignition" button until rotor blades start to turn. Use the directional control to Drive your Smart iCopter on the ground. Use Altitude slider to increase power during drive mode. Press and hold Engine Stop to stop.



Only drive the Smart iCopter on a flat solid surface. Wheels may get caught on carpeted floor or cause the Smart iCopter to be off balanced.

### Engine Stop



## Ready, Set, Lift Off ...

Once you are comfortable with the directional controls, with a single touch of the Easy-Fly One Touch "Lift Off and Auto Hover" feature, launch your Smart iCopter into the air.

### Lift Off



Press "Lift Off" button to take off. In Easy-Fly mode, the height is preset between 2.6 - 3.9 feet (0.8 - 1.2 meter). Press Land button to land your Smart iCopter.



Recommended to fly on flat solid surface to avoid erratic flight. Soft or carpeted surface may interfere with height sensor signal.

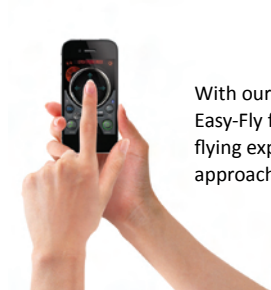
During Lift Off please note that your Smart iCopter will tilt in unexpected direction due to turbulence, ground effects or outside interference, compensate by gently pulling the controls in the opposite direction.

### Land



## Easy-Fly; One-Touch Simplicity Flying

Those who had experience flying traditional RC helicopters know it is a challenge and the learning curve is usually a painful and frustrating process.



With our proprietary and Patent Pending Easy-Fly features, you can now enjoy instant flying experience with our One Touch approach to flying.



### Altitude Slider

In-Flight Adjustable slider

In Easy-Fly mode, the height is preset between 2.6 - 3.9 feet (0.8 - 1.2 meter) for optimum sensor detection

Please note that your Smart iCopter uses on board sound sensor to detect surface to height changes, i.e. flying over table or other furniture, and it will auto correct its altitude accordingly.



### Trim (Rudder)

Trimming means adjusting the control surfaces until the helicopter flying fairly steadily without wanting to move off either to the left/ right.

Turn the dial in the opposite direction of the drift to compensate.

## Bluetooth Enabled RC Helicopter



With the chance to take to the air, the Easy-Fly Smart iCopter in your hands will be flown entirely via Bluetooth with **No Additional Adapter** required.

Comes with a built-in Class II Bluetooth; watch and admire as your Smart iCopter soar through the air in a poise manner for an approximate flight radius of 33 feet (10meters).

**Note:** This model is controlled by a Bluetooth signal that is subject to interference from many sources outside your control. This interference can cause momentary loss of control so it is advisable to always keep a safe distance in all directions around your model, as this margin will help to avoid collisions or injury.

### Long Lasting Satisfaction

Engineered with a longer flight time consideration, the Smart iCopter comes with a built-in Lithium Polymer (LiPo) Rechargeable Battery.



### Easy One-Gesture Landing

Mayday! Mayday!

Easy One-Gesture Landing allows you to land and ignition off the Smart iCopter by flipping your controller Device faceside down without needing you to press any button.

Please ensure that the Orientation Lock on your Device is turned off for this feature to work.



## Easy-Fly Auto Call Assist



The Easy-Fly feature comes with an Auto Call Assist which is applicable for iPhone users only.

The Easy-Fly Auto Call Assist will activate when you receive an incoming call while flying your Smart iCopter. The Smart iCopter will auto land and shut off so that you can receive your call without having to bother about your Smart iCopter flying off unattended.



## Auxiliary Controls



### Search Light

Emits a single light beam from the front of the Smart iCopter, to perform like a searchlight.



### Navigation Light

Turns on the blinking lights.



### Battery Indicator

Indicator shows the status of the battery for your Smart iCopter.

## Battery Charging and Care



Please ensure that you have adequately charged your battery before flying. When the unit is charging, the lights will be RED, and turns BLUE when fully charged. Toggle the switch next to the charging port to turn the power On/Off.

Smart iCopter charges using the USB cable included in the box when you purchase your Smart iCopter. Connect the USB Cable to your Mac or PC or a 5V charger to charge.



**Warning:** Lithium Ion or Lithium Polymer Rechargeable Battery Inside (No Lithium Metal). Risk of explosion if battery is replaced with an incorrect type. Don't open or puncture the battery, short circuit, or expose to fire, high temperatures, or water. Keep battery out of reach of children.

- Li-Po batteries are significantly more volatile than the Alkaline, Ni-Cd or Ni-MH batteries used in RC applications. All instructions and warnings must be followed exactly. Mishandling of Li-Po batteries can result in a fire, personal injury, and/or property damage.
- By handling, charging or using the included Li-Po battery you assume all risks associated with lithium batteries. If you do not agree with these conditions, return your complete Smart iCopter model in new, unused condition to the place of purchase immediately.
- You must charge the included Li-Po battery in a safe area away from flammable materials.
- Never charge the battery unattended. When charging the battery you should always remain in constant observation to monitor the charging process and react to potential problems that may occur.
- After flight, the battery must be cooled to ambient temperature before charging.
- DO NOT USE A Ni-Cd or Ni-MH CHARGER. Failure to charge the battery with a compatible 5V charger may cause fire resulting in personal injury and/or property damage.

## Bluetooth Pairing



### Bluetooth Pairing

**Before attempting to fly your Smart iCopter, please ensure that you pair via Bluetooth.**

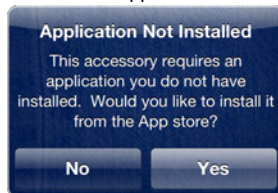
Turn on your Smart iCopter, on your Device, go to Settings > General > Bluetooth > toggle switch to "On".

Please note that Bluetooth uses a lot of your iPod touch, iPhone or iPad battery power. Be sure to turn off Bluetooth when you are not using it to conserve battery power.

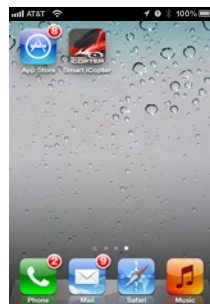
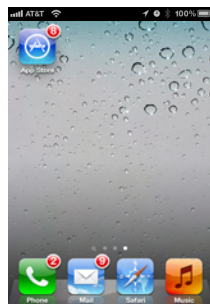
Pairing successful!

## Smart iCopter App Download

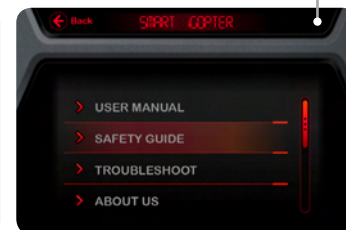
Upon successfully pairing your Smart iCopter with your device for the first time, you will be prompted to download the free Smart iCopter App. Tap Yes to connect to the iTunes Store and download the App.



Alternatively you can download the Smart iCopter App manually through the App Store or entering the following URL on your internet browser <http://itunes.apple.com/my/app/smart-icopter/id463689548?mt=8>



## Understanding the App Menu





## Play Mode



### Easy-Fly Mode - One Touch Experience

When we designed the Smart iCopter series, we wanted to make flying an enjoyable fun-tastic experience for you.

With the Easy-Fly feature, the Smart iCopter series is the first in the world to introduce the One Touch approach to flying this class of RC Copter.



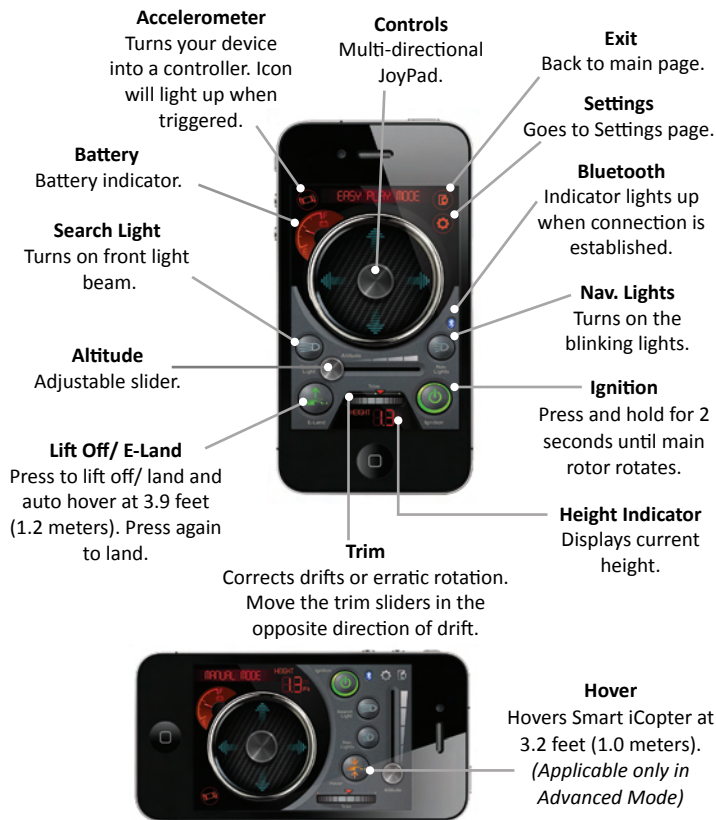
### Advanced Mode

In the Advanced Manual Control mode, you will be able to further take control of your Smart iCopter, while retaining key Easy-Fly features.

Advanced Manual Control mode tries to emulate the feel of having to control Cyclic Pitch, Throttle and Rudder steering of a helicopter with both hands.



## Smart iCopter App Quick Guide



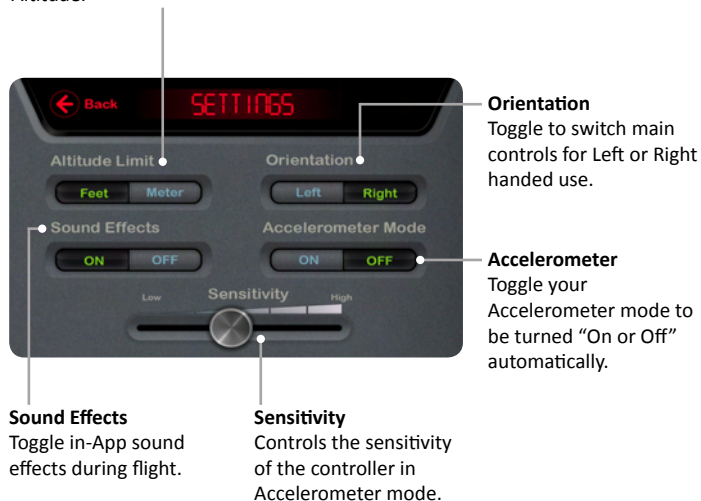
### Advanced Mode - Horizontal view



## Settings Menu

### Unit Measurement Settings

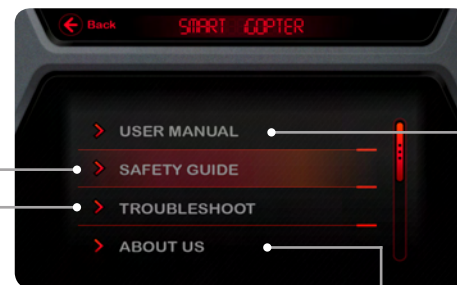
Choose between the Metric or Imperial system to monitor your Altitude.



## Help Menu

### Safety Guidelines

Failure to follow these safety instructions could result in fire, electric shock, or other injury or damage to your Easy-Fly Smart iCopter or other property.



### In-App User Manual

Please read thoroughly before attempting to fly the Smart iCopter.

### Troubleshoot

A quick guide to solving your problems.

### About Us

Find out more about us and other Smart iOS Accessories;  
[www.d-RedShop.com](http://www.d-RedShop.com)

## Safety Guidelines

---

**The Smart iCopter is NOT a TOY and only suitable for INDOOR use.**

**WARNING: Suitable for Ages 14 and up.** This product may contain small parts which may pose as a choking hazard to children.

Please read this manual carefully before attempting to fly your Smart iCopter, and make sure you are always conscious of your own personal safety and the safety of others. Be conscious of your surroundings and environment when operating the Smart iCopter.

d-Red Technologies Ltd., affiliated groups, and seller assume no liability for the operation or use of this product. The user/ purchaser is responsible for common knowledge and exercising one's personal safety and the safety of others, that may be affected by the use of the product, be they a participant or spectator.

After the sale of this product, we cannot maintain any control over its operation or usage. Any damage or dissatisfaction as a result of accidents or modifications are not covered by any warranty, and cannot be returned for repair or replacement.

### Do not operate or fly under following conditions

- In an area that has wind drafts. The Smart iCopter is **STRICTLY** for indoor flying only. Common household items such as Fan, Air Conditioner or Heater System may cause drift resulting in unstable flying conditions.
- If model feels hot due to overheated rotor motor from prolonged hours of flying.
- If model has been in contact with rain, moisture, or contaminants.
- In cold climate conditions - plastics are very susceptible to damage due to cold climates. Optimum operating temperature is between 20° - 45°C.
- If model has been in contact with fire or high heat - plastics and electronics components are very susceptible to damage or deformation due to heat.
- In crowded areas of the home. Avoid operating your model in the street where injury or damage can occur. Never operate the model out on the street or in populated areas for any reason.
- Near roads, railways, or power lines.
- If tired, sick, or under the influence of drugs or alcohol.

## Safety Guidelines

---

- If beginner or individual(s) planning to operate a borrowed helicopter unfamiliar with model or safety instructions.

### Inspect All Parts

- Before each flight, check for damaged parts and verify all parts are operating normally with all functions in order. **Do not fly if blades are damaged.**
- Verify that there are no abnormalities that would adversely affect the flight of the helicopter.
- Verify battery on board helicopter and your iPod touch, iPhone or iPad to ensure that they have sufficient level of charge.
- Verify there is no introduction or exposure to water or moisture in any form.

### During operation of helicopter

- Always be aware of your surroundings. **DO NOT ALLOW** Children to operate the Smart iCopter without Adult Supervision.
- Maintain safe distances from aircraft and rotating main/tail rotor blades. Recommended safe distance is 10 feet (3 meter).
- Always be conscious of your actions.
- Wear appropriate clothing that does not interfere with your iPod touch, iPhone or iPad or Smart iCopter.
- Never leave your model unattended. Carefully follow all directions and warnings.
- Maintain eye contact with your Smart iCopter during all aspects of operation.

## Troubleshooting

---

### General Issues

**When I press the Ignition button, there is only a vibration but I can't fly my Smart iCopter.**

- Press and hold Ignition button for 2-3 seconds and a sound will indicate there is Ignition.

**There is Ignition but I still can't fly my Smart iCopter.**

- Please ensure that the power button is turned on at your Smart iCopter. Please refer to page 10 to locate power On/ Off button.
- Please ensure that the Bluetooth icon is lighted up to indicate that your iPod touch, iPhone or iPad is paired with your Smart iCopter.

**The Smart iCopter unit is trying to lift off but seems erratic and is having trouble lifting off.**

- Please ensure that you are flying from a flat and hard surface as the sensors may have trouble detecting height and will cause your Smart iCopter to perform erratically.

**Unable to connect Bluetooth.**

- Please ensure that only **ONE** of your iPod touch, iPhone or iPad is connected to your Smart iCopter.
- Un-pair & delete profile on your iPod touch, iPhone or iPad Bluetooth connection in Settings > General > Bluetooth > Tap blue arrow icon > tap "Forget this Device" and re-pair.

**The Smart iCopter seems to be drifting a lot or rotates without being controlled.**

- Please re-calibrate your Smart iCopter by using the Trim function on the App. Dial the Trim button to the opposite side of the drift or rotation.

**If you are flying 2 or more Smart iCopter in the same airspace, please pair one at a time.**

## Troubleshooting

---

### App Issues

**My Smart iCopter App doesn't seem to be launching after I download it from the App Store.**

- Delete the App completely from your iPod touch, iPhone or iPad and from your iTunes and re-download the App.

**My Smart iCopter seems to be out of control or the controls are not responsive in the App.**

- Please turn off your Smart iCopter and completely exit your App by double clicking your Home Button > click and hold Smart iCopter App till it jiggles > press the minus button > restart the App > turn on your Smart iCopter and play again.

**If you recently restored the software on your iPod touch, iPhone or iPad, you will need to re-download your Smart iCopter App.**

### Battery Issues

**The battery won't charge**

- Please ensure that you correctly connected the charger to your Smart iCopter.
- If you are charging from your keyboard, please ensure it has a high-powered USB 2.0 port.

**The battery losses charge fast.**

- Please ensure that you give the battery a complete charge before use.
- Please ensure that you turn off the power on your Smart iCopter when not in use.

**The Smart iCopter rotors are rotating erratically and the unit is attempting to lift off but unable to.**

- Low in power, please recharge your Smart iCopter.

## Conditions of Sale and Product Warranty

---

d-Red and the Buyer agree to the following terms and conditions of Sale and Purchase:

1. The Smart iCopter is guaranteed against defects in materials or workmanship for a period of six months from the date of registered purchase. Any unit that is found to be defective will, at the discretion of d-Red, be repaired or replaced. This warranty does not cover cosmetic damage or damage due to acts of God, accident, misuse, abuse, negligence, commercial use, or modification of or to any part of the product.
2. d-Red will not be responsible for the repair or replacement of any unit damaged by user modification, negligence, abuse, improper installation, or mishandling.
3. d-Red is not responsible to the Buyer for any loss or claim of special or consequential damages arising from the use of the product. The product must NOT be used in applications where failure of the product could lead to physical harm or loss of human life. Buyer is responsible to conduct their own tests to meet the safety regulation of their respective industry.
4. Products distributed, but not manufactured by d-Red, carry the full original manufacturers warranty. Such products include, but are not limited to: power supplies, sensors, I/O modules.
5. d-Red reserves the right to alter any feature or specification at any time. This warranty is limited to the original purchaser and is not transferable.

**Notes to Buyer:** If you disagree with any of the above terms or conditions you should promptly return the unit in new and unused condition to the manufacturer or distributor within 30 days from date of purchase for a full refund.

## Disclaimer and Copyright Notice

---

### FCC Statement

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.

### FCC Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This equipment 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.

### **Caution!**

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user authority to operate the equipment.

All rights reserved and copyright-protected. No parts of this manual may be copied or reproduced in any form without written consent from d-Red™ Technologies Limited (d-Red).

d-Red shall not be liable for omissions or for technical or editorial errors contained in this user manual. d-Red shall not be held liable for incidental or consequential damages resulting from the supplying or use of this information. d-Red shall not be held liable for incidental or consequential damages resulting from the performance or use of the materials described in this user manual.

The information in this user manual may be subject to change without prior notice. All other brand or product names are trademarks or registered trademarks of their respective companies or organizations.

The d-Red™, Smart iCopter™ and Easy-Fly™ word mark and logo are trademarks of d-Red™ Technologies Ltd., registered in Hong Kong, China and U.S. Patent Pending One Touch Control approach to flying.

Apple®, iPad®, iPhone®, iPod® and iPod touch® are trademarks of Apple Inc., registered in the U.S. and other countries.

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc., and any use of such marks by d-Red™ Technologies Limited is under license.



# **The Fusion of Innovation and Design**

©2012 d-Red™ Technologies Limited

d-Red™ Technologies Limited  
[www.d-RedShop.com](http://www.d-RedShop.com)



## 智能蓝牙直升机 ——苹果iOS智能配件 使用手册

深圳市迪瑞德科技有限公司  
[www.d-RedShop.com/icopter](http://www.d-RedShop.com/icopter)



### 特别声明

注意：请在飞行该直升机之前仔细阅读本使用手册，否则可能会对你及周围人群造成伤害，同时会造成直升机的损坏。

本智能直升机非玩具！误用会造成身体伤害及财产损失。请参照使用说明在室内开阔区域使用。

请确保可能会卷入螺旋叶片的东西远离主螺旋叶片及尾螺旋叶片，包括松散衣物、铅笔及螺丝刀等。特别是让你的手远离螺旋叶片。

不建议在铺有地毯的地面上飞行。建议在平坦硬的地面上飞行以便于传感器的高度侦测。

#### 其他注意事项及安全警告

本智能蓝牙直升机采用蓝牙信号控制，除了你的控制之外可能会受到其他干扰。干扰可能会造成短暂的操作失控，因此建议在直升机周围各个方向均保持一定的安全距离，以免造成碰撞或伤害。

- 禁止在直升机电量过低时使用；禁止在螺旋叶片有损坏/破损的情况下使用。
- 确保总是在一个开放且远离人群的区域操作飞行。
- 确保所有化学品、小部件及任何电子部件处于儿童不易触及的地方。
- 潮湿水分会造成电子元器件损坏。避免水接触所有的无防水保护设计的设备。
- 禁止舔舐或将直升机模型的任何部件放入口中，以免造成伤害甚至危及生命。

注意：这些条款不可用来替代本使用手册中的相关内容。本手册虽可作为快速启动指南使用，但仍强烈建议在使用前通读本手册。



## 简介

本智能蓝牙直升机是一款使用 iPod touch®, iPhone® 或 iPad® 操作的苹果iOS智能配件产品，友好的控制界面及Easy-Fly™一指飞控特征将带给您更多快乐的飞行体验。



**起飞**  
一指飞控，自动起飞及盘旋。



**降落**  
单键自动降落。



**高度控制滑杆**  
用于控制高度的滑杆。



**加速计**  
使用iPod touch, iPhone或iPad控制。



**蓝牙**  
使用蓝牙无线控制直升机，无需任何转接器。



**微调**  
校正智能蓝牙直升机的飞行姿态。

## 概述

想过体验像飞行员一样飞行直升机的感觉吗？或者是否有过尝试操作传统的红外遥控直升机，但最终还是未能成功的经历吗？

本智能蓝牙直升机具有独有的Easy Fly一指飞控和陀螺仪技术，带给您从未有过的平稳飞行体验。逼真的外形为您增加专业般的飞行乐趣。

如下为购买智能蓝牙直升机时装箱清单：



智能蓝牙直升机



2个额外的主螺旋叶片  
1个额外的尾螺旋叶片



USB充电线缆



使用手册

## 产品注册

感谢您对迪瑞德产品的厚爱！请在购买产品后尽快登录电子保修卡：[www.d-RedShop.com.cn/register](http://www.d-RedShop.com.cn/register) 完成对所购产品的注册，以便我们及时跟进服务。

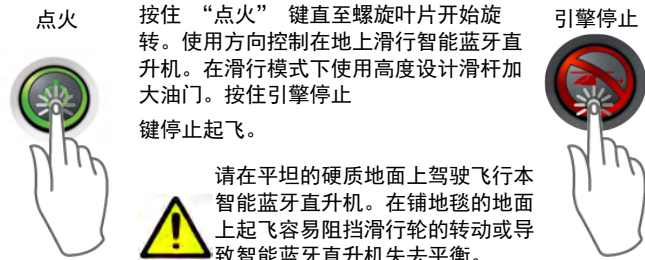
产品名称：智能遥控直升机

Model: IOS2053



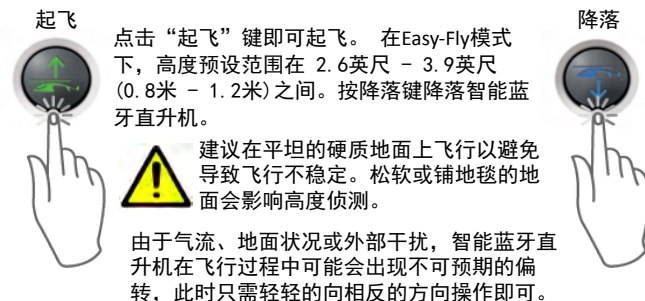
## 滑行模式

智能蓝牙直升机具有在地上滑行功能。使用滑行模式让你在飞行前熟悉智能蓝牙直升机的方向控制操作。



## 准备，设置，起飞...

在熟悉方向控制后，使用Easy-Fly一指飞控“起飞和自动盘旋”特征，点击起飞智能蓝牙直升机。



## Easy-Fly; 一指飞控简易飞行

具有飞行传统遥控直升机飞行经历的人知道，操作遥控直升机充满了挑战，且学习过程复杂繁琐。



具有自主知识产权且正在申请专利的Easy-Fly一指飞控特征，轻松一点就可体验到飞行的乐趣。



高度控制滑杆  
飞行过程中调整高度。

在Easy-Fly模式中，预设的最佳飞行高度：2.6到3.9英尺（0.8米~1.2米）。

注意：智能蓝牙直升机的主板超声波感应器将会自动侦测地面高度的变化，并做出相应的校正以确保飞行高度的稳定。



微调（方向舵）

微调用于校正飞行过程中发生的左右偏转，确保飞行的稳定性。如发生偏转漂移时，只需朝相反的方向转动微调控制盘直至其平衡即可。

## 蓝牙控制遥控直升机



Easy-Fly 智能蓝牙直升机完全使用蓝牙技术进行飞行控制，而不需其它任何适配器。

通过内置的Class II蓝牙，欣赏您的智能蓝牙直升机在半径33英尺（10米）的空域内优雅的翱翔吧。

注意：本智能蓝牙直升机采用蓝牙信号控制，除了正常的控制信号之外可能会受到其它干扰。干扰可能会造成短暂的操作失控，因此建议在智能蓝牙直升机周围各个方向均保持一定的安全距离，以免造成碰撞或伤害。

### 更长久的飞行体验

智能蓝牙直升机的设计出于对更长飞行时间的考虑，内置了可充电锂聚合物（锂聚合物）电池。



### 降落只需一个手势

空降危机！空降危机！

简单易手势降落特征只需将iPhone屏幕翻转至向下即可实现降落并关闭智能蓝牙直升机电源，而不用按其它任何按键。

请注意本功能只有在关闭移动设备方向锁定的情况下才起作用。



## Easy-Fly 电话自动切入功能



Easy-Fly附带有电话自动切入功能，此功能仅适用于iPhone用户。

在飞行智能蓝牙直升机时如有电话进入，将会激活Easy-Fly电话自动切入功能。智能蓝牙直升机将会自动降落且关闭电源，让您放心的接听电话而不用为无人监管智能蓝牙直升机的飞行而担心。



## 辅助控制



### 探照灯

从智能蓝牙直升机前端发出一条光束，用以模拟探照灯。



### 航行灯

开启飞行闪光灯。



### 电量指示

显示智能蓝牙直升机的电池电量状态。

## 电池充电及维护



开始操作前，确保已经对智能蓝牙直升机电池充分充电。切换充电接口旁的电源开关开启/关闭智能蓝牙直升机电源。

使用购买智能蓝牙直升机时随箱附送的USB充电线缆充电。将USB充电线缆连接到Mac、PC或5V充电器上进行充电。



**警告：**内置可充电锂离子或锂聚合物电池（不含金属锂）。如使用错误类型的电池会导致爆炸危险。请不要将电池拆解、穿刺、短路或暴露于火中、高温或水中。将电池放置在儿童接触不到的地方。

- 用在遥控设备中的锂聚合物电池明显的不如碱性电池、镍镉电池及镍氢电池稳定。请严格遵守所有的提示及警告！对锂聚合物电池操作不当会导致火灾、人身伤害及/或财产损失。
- 操作、充电或使用内置的锂聚合物电池，你将承担锂电池相关的所有风险。如果你不同意本条件，请立即将全新未使用的智能蓝牙直升机返还至购买处。
- 请在远离易燃物的安全区域对内置的锂聚合物电池充电。
- 请不要在无人看管时充电。充电时，请保持始终监视其充电过程，及时对充电时可能发生的潜在问题采取正确措施。
- 飞行后，电池必须冷却至室温后方可对其进行充电。
- 不要使用镍镉或镍氢电池充电器！错误使用不兼容的5V充电器可能会导致火灾，造成人身伤害及/或财产损失。

## 蓝牙配对

### 蓝牙配对



飞行操纵智能蓝牙直升机之前请确保已经建立蓝牙配对连接。

开启智能蓝牙直升机，在苹果设备上，前往“设置” > “通用” > “蓝牙” > 切换蓝牙至“开启”状态。

注意：蓝牙功能会消耗很多iPod touch, iPhone或iPad的电池电量。不使用时请关闭蓝牙以节省电池电量。



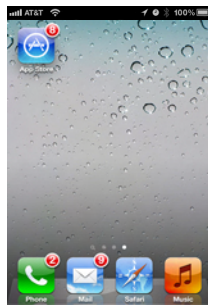
配对成功！

## Smart iCopter App软件下载

首次使用且蓝牙配对成功后，屏幕上会有下载免费的Smart iCopter App 软件的提示。点击“是”自动跳转至iTunes Store中下载该软件。



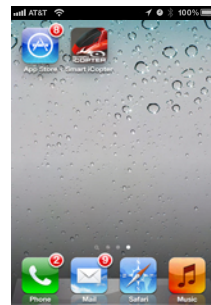
另外您也可以从App Store中下载安装免费的Smart iCopter App 应用软件：或者访问如下链接：<http://itunes.apple.com/cn/app/smarticopter/id463689548?mt=8>



访问 App Store



下载



运行&体验！

## 认识应用软件菜单



## 游戏模式



### Easy-Fly 一指飞控飞行体验

设计智能蓝牙直升机系列的初衷即是为您提供快乐精彩的飞行体验。

独创的Easy-Fly特征，让智能蓝牙直升机系列成为世界上首款采用一指飞控方式飞行的遥控直升机。



### 高级手动模式

在高级手动控制模式下，保留 Easy-Fly特征的同时你可更进一步的操控智能蓝牙直升机。

高级手动控制模式视图模仿周期变距操作、油门及使用双手操作飞机方向舵的感受。







### 安全指引

未遵照本安全说明会导致火灾、电击、或其它伤害或造成Easy-Fly 智能蓝牙直升机及其它财产的损坏。



### 用户手册

飞行智能蓝牙直升机前，请仔细阅读。

### 疑难解答

常见问题解答。

### 关于我们

获得更多关于我们及我们的iOS智能配件产品的信息：  
[www.d-RedShop.com.cn](http://www.d-RedShop.com.cn)

本智能蓝牙直升机非玩具！ 仅限室内使用！

警告：适于14周岁及以上人群。本产品可能包含会导致儿童窒息危险的小部件。

请在使用智能蓝牙直升机前仔细阅读本使用手册，以确保时刻注意自己及其它的人身安全。飞行智能蓝牙直升机时请注意观察周围环境。

深圳市迪瑞德科技有限公司，下属组织及销售人员不对该产品的操作使用负责。用户/购买者应具有基本的安全常识及安全意识，且对个人安全及产品使用所影响到的人员（参与者或观众）的安全负责。

产品一经售出，我们不能掌控其操作或使用。由事故或修改造成的任何损坏或不足均不在保修范围内，不能返修或更换。

禁止在如下情况下操作使用：

- 在有气流的区域飞行。本智能蓝牙直升机只限于在室内飞行。普通家庭用品如风扇、空调或加热器等可能会引起偏移而导致飞行不稳定。
- 由于长时间飞行的螺旋桨马达过热而引起直升机发热的情况下。
- 与雨水、湿气、污物接触。
- 寒冷的气候条件 - 寒冷的天气下塑胶易损毁。最佳操作飞行温度范围：20°C- 45°C。
- 与火或高温接触后 - 高温易使塑胶损毁或变形。
- 在拥挤的区域。避免在街道上操作以免造成伤害或损毁。不论任何原因均不能在街道上或人口稠密的区域操作该直升机。
- 靠近公路、铁路或电线处。
- 劳累、生病、受药物或酒精的影响下。
- 在不熟悉本产品及安全说明情况下，初学者及准备借用直升机进行飞行操作的人员。



## 安全指引

### 检查所有部件

- 飞行前，检查是否有损坏的部件并按顺序检查所有部件均能正常工作。如若螺旋叶片有损坏，禁止飞行操作。
- 检查是否有会对直升机飞行造成负面影响的异常状况。
- 检查直升机主板及iPod touch, iPhone或iPad的电池电量，以确保有足够的电量。
- 检查是否有水或湿气浸入设备，及设备没有暴露在水或潮湿环境中。

### 操作直升机过程中

- 始终注意周围环境。在无成人监管下，禁止儿童独自操作本智能蓝牙直升机。
- 在与飞行器及旋转的主/尾旋翼叶片之间保持安全距离。建议安全距离为10英尺（3米）。
- 时刻对操作保持警惕。
- 穿着合适的衣服以避免妨碍iPod touch, iPhone, iPad或直升机。
- 不要置直升机而不顾，严格按照说明及警告。
- 飞行操作过程中请确保智能蓝牙直升机不离开你的视线。

## 疑难解答

### 常见问题

当我按“点火”键后，智能蓝牙直升机只是震动但无法起飞。

- 按住“点火”键2-3秒，会有一个声音提示点火成功。

点火成功后，仍无法起飞智能蓝牙直升机

- 确保智能蓝牙直升机上的电源已经开启。请参照本手册第10页的电源开/关键位置。
- 确保蓝牙图标已经点亮以表明iPod touch, iPhone或iPad已经与智能蓝牙直升机已建立配对连接。

智能蓝牙直升机试图起飞，但看似不稳定且起飞困难。

- 请确保在平坦且较硬的地面上飞行，因为传感器侦测高度若有困难会导致智能蓝牙直升机运行异常。

无法建立蓝牙连接

- 确保当前只有一个iPod touch, iPhone或iPad正与智能蓝牙直升机建立连接。
- 接触配对并从iPod touch, iPhone或iPad的蓝牙连接中删除智能蓝牙直升机：设置 > 通用 > 蓝牙 > 点击蓝色图标 > 点击“注销该设备”；然后重新建立配对。

智能蓝牙直升机出现不受控制的偏移或转动

- 使用软件中的微调功能校正智能蓝牙直升机。向偏移或转动相反的方向拨动微调键。

如果在同一片空域同时飞行2架及以上的智能蓝牙直升机时，请每次只建立一个配对。

## Troubleshooting

---

### 软件问题

从App Store中下载Smart iCopter App软件后无法运行。

- 从iPod touch, iPhone或iPad, 及iTunes中彻底删除该应用软件, 然后重新下载。 智能蓝牙直升机失控或软件控制无响应。
- 关闭智能蓝牙直升机, 完全退出应用软件: 双击主屏幕键>按住 Smart iCopter App软件直至其晃动>点击减号键>重启应用软件>开启智能蓝牙直升机再次飞行。

如果最近重置了iPod touch, iPhone或iPad上的软件, 需要重新下载 Smart iCopter App软件。

### 电池问题

#### 电池无法充电

- 检查充电器是否正确的连接到智能蓝牙直升机。
- 如果使用键盘USB接口充电, 确保键盘配有高功率USB2.0接口。 电池电量损耗过快。
- 使用前确保已对电池充分充电。
- 确保在未使用时关闭智能蓝牙直升机电源。

智能蓝牙直升机叶片旋转无规律, 试图起飞但总是失败。

- 电量过低, 请及时给智能蓝牙直升机充电。

## 产品销售和保修条款

---

迪瑞德和买方同意如下销售购买条款:

1. 本智能蓝牙直升机就其原材料和制作工艺提供自购买注册日期起六个月内的品质保证。产品发现有任何瑕疵或缺陷, 经由迪瑞德评估判断后均可维修或更换。本保证不包括外观损伤或由于不可抗力、意外、误用、滥用、疏失、商业用途或随意更改产品部件所引起的损坏。
2. 由于用户的改变、疏失、滥用、不正确的安装或误操作所引起的损坏, 迪瑞德不负责维修或更换。
3. 迪瑞德不对买方的任何损失、特殊要求、产品使用所产生的间接损失负责。不能在产品失效时会造成人身伤害及危及生命安全的场合使用。买方应负责自行测试以满足各自的行业安全规范。
4. 代理经销的产品, 虽非迪瑞德制造, 仍同样享受原厂家的保修政策。包括但不限于如下产品: 电源、传感器、I/O模块。
5. 迪瑞德保留随时修改特征及规格的权利。本保修限于原购买者, 不得转让。

买方须知: 如果您不同意上述的任何条款, 请将全新未使用的产品返还给制造商或经销商, 以便按照国家规定进行退款退货。

## 免责声明和版权声明

---

### FCC 声明

此设备经过测试，符合B级数字设备标准，符合FCC规定第15条的要求。这些限制标准是为了防止给居民区带来有害干扰。此设备产生、使用并可能放射无线电频率，如不按照标准正常安装使用，可能会对无线电通讯造成有害干扰。然而，无法保证具体安装不产生干扰。如果该设备对无线电或电视接收造成有害干扰，导致必须关闭和重启设备，用户可以尝试以下几种方法避免干扰：

- 调整接收天线方向或者移动接收天线的位置。
- 将该设备远离其他信号接收设备。
- 与其他信号接收设备使用不同电源
- 与供应商取得联系，或向资深广播电视技术人员咨询。

### FCC 辐射暴露声明

本设备符合为不可控环境事先设定的FCC 辐射暴露限制并且符合FCC RF规则第15 部分要求。禁止将发射器与其他天线或发射器一起放置或操作。

操作将受到以下两个条件的限制：

- (1) 本设备不会产生有害干扰。
- (2) 本设备可以承受所接收到的任何干扰，包括导致不正常运行的干扰。

## 免责声明和版权声明

---

### 警告：

生产商对任何未经授权的更改或者修改对广播电视信号造成的干扰不负任何责任。如果未经生产商明确许可而进行任何变更或修改，会导致您失去操作此设备的资格。

保留所有权利，版权所有。在未经深圳市迪瑞德科技有限公司（简称迪瑞德）书面允许的情况下，禁止以任何形式复制或再造本手册中的任何内容。

迪瑞德对本手册中的疏失或技术及编辑的错误概不负责。迪瑞德对本资料的提供或使用所造成的偶然的或间接的损失概不负责。迪瑞德对本使用手册中描述的材料性能或使用所造成的偶然的或间接的损失概不负责。

本手册中信息可不经通知而被更改。所有其他品牌或产品名均为各自公司或组织的商标或注册商标。

d-Red™, Smart iCopter™, Easy-Fly™文字标记和标志是深圳市迪瑞德科技有限公司在中国香港，中国大陆及美国的注册的商标。一指飞控专利申请中。

Apple®, iPad®, iPhone®, iPod® 及 iPod touch® 是Apple Inc.在美国及其他国家注册的商标。

Bluetooth 文字标记及标志是Bluetooth SIG, Inc 拥有的注册商标。深圳市迪瑞德科技有限公司经许可后使用此类标记。其它商标及商标名称归各自的拥有者所有。

©2012 深圳市迪瑞德科技有限公司。保留所有权利。



# 创新 · 设计

深圳市迪瑞德科技有限公司  
[www.d-RedShop.com.cn](http://www.d-RedShop.com.cn)