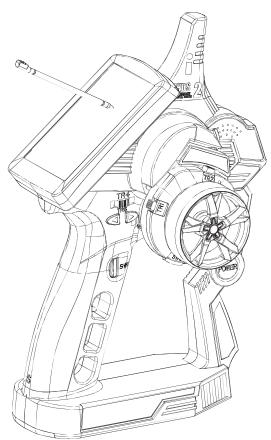


FS-iT4 Digital propotional radio control system

INSTRUCTION MANUAL 用户手册





http://www.flysky-cn.com







Table of contents

目录	
1,Introduction 简介	
2,Services 服务	2
3,Special symbols 特殊标志	3
4,Safety guide 安全指导	3
5,2.4GHz System 2.4G系统	6
6,Battery charging notes 电池充电注意事项	7
7,Transmitter specifications 发射机参数	
8, Receiver specifications 接收机参数	8
8.01,Speed acquisition module 磁感应速度采集模块	9
8.02,Speed acquisition module 光感应速度采集模块	9
8.03,Temperature acquisition module 温度采集模块	9
8.04,Voltage acquisition module 电压采集模块	o
8.05,Serial bus recerver 串行总线接收机	5
9,Receiver and servo connections 接收机与伺服器连接	10
9,Receiver and servo connections 接收机与何服备连接	I U
10,FS-iR4 operation instruction FS-iR4接收机操作说明	土土
11,Power on 开机	
12,Shut down 关机	
13,Definition of key functions 按键定义	16
14,Main screen 开机画面	17
15,Main menu 主菜单	18
16,Top tray 顶部状态栏	18
17,Functions interface 功能操作	19
17.01,Reverse 正逆转	21
17.02,End points 舵机最大行程	
17.03,Sub trims 记忆微调	
17.04,Steering exponential 方向指数	
17.05,Steering speed 方向速度	
17.06,Steering mix 方向混控	
17.07,Throttle neutral 油门死区	24
17.08,Throttle exponential 油门指数	24
17.09,Throttle curve 油门曲线	25
17.10,A.B.S. 自动刹车	25
17.11,Throttle speed 油门速度	
17.12,Throttle middle point 油门中位	
17.13,Throttle idle up 油门怠速	
17.14,Engine cut 油门锁定	
17.15,Boat mode 船模式	
17.16,Brake mixing 刹车混控	27
17.17,Mixes 混控	28
17.18,Display servos 显示舵机	
17.19,Race timer 计时器	
17.20,Keys function 按键功能	
17.21,Models 模型	
17.22,RX setup 接收设置	
17.23,System 系统	
18,Transemitter function notes 发射机功能说明	
19, Packaging content 包装内容	
19,Packaging content 包装内谷	39

20,FCC Statement FCC声明.......40





1. Introduction 📫 简介

6

感谢您选择富斯出品的FS-iT4四通道2.4G可编程AFHDS第二代遥控系统,该系统可兼容车船两种模式。如果这是您第一次使用可编程遥控系统,这本使用手册将很快地带给您一个有趣又高端的全新世界。因此,为了确保您安全使用本产品,请仔细地完整阅读这本使用手册。

2. Services 🖁 服务



If you encounter any problem during use, please refer to this manual. If the problem still persists, please contact your local dealer or connect to our service and support website:

http://www.flysky-cn.com

如果您使用时遇到任何问题,请参照此说明书。如果您的问题仍然未能解决,请直接联系当地经销商或者我们网站上的客服人员.

http://www.flysky-cn.com





3.5 ■ 特殊标志



Please pay attention to the following symbols when they appear in the manual and read carefully.

当以下标志出现在说明书的时候请注意并且仔细阅读。

Danger: injuries or death.

Not following these instructions may expose the user to serious

如果使用者不按照说明方法操作,有可能导致使用者严重受伤,甚至致命的危险。

Warning: injuries

Not following these instructions may expose the user to serious

如果使用者不按照说明方法操作,有可能导致使用者严重受伤。

Not following these instructions may expose the user to minor Attention: injuries and even to serious injuries

如果使用者不按照说明方法操作,有可能导致使用者外伤,甚至严重受伤。





4. Safety guide 🕻 安全指导





Do not use it in the night or a lighting storm as the bad weather will make the remote

Make sure moving direction of all motors be same with the operating direction. If not, please adjust direction first.

操控时,请先确认模型所有舵机的动作方向与操控方向一致。如果不一致,请调整好正确的 方向。

The shutdown sequence must be to first disconnect the receiver battery then to switch off the transmitter. If the transmitter is switched off while the receiver is still powered, it may lead to uncontrolled movement or engine start and may cause an accident.

关闭时,请务必先关闭接收机电源,然后关闭发射机,如果关闭发射机电源时接收机仍然在工 作,将有可能导致遥控设备失控或者引擎继续工作而引发事故。

In particular, the $2.4G\,R/C$ system will affect the plane or the car nearby after you turn on the transmitter. 特别要注意,如果附近有汽车正在运行或飞机正在飞行, 开机后2.4 GHz RC系统可能会影响到他们。







Be sure to set the Fail Safe function.

定要启用防失控功能.



Do not operate outdoors on rainy days, run through puddles of water or use when visibility is limited. Should any type of moisture (water or snow) enter any component of the system, erratic operation and loss of control may occur.

不要在户外雨天,有水的地方或当能见度有限的时候使用。可能水分(水或雪)会进入到系统内部,不稳定的运行 和失控可能发生。

- Do not operate in the following places.
 -Near other sites where other radio control activity may occur.
- -Near people or roads.
- -On any pond when passenger boats are present.
 -Near high tension power lines or communication broadcasting antennas.
- Interference could cause loss of control. Improper installation of your Radio Control System in your model could result in serious injury.



不要操作在以下的地方

基站附近或其他无线电活跃的地方;

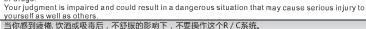
人多的地方或道路附近。

有客船的水域。

高压电线或通信广播天线附近。

干扰可能导致失控。安装不正确无线电控制系统可能导致模型发生严重的伤害。

Do not operate this R/C system when you are tired, not feeling well or under the influence of alcohol





判断力下降,而且可能发生危险的情况下,对自己或他人可能造成严重的伤害。



Do not touch the engine, motor, speed control or any part of the model that will generate heat while the model is operating or immediately after its use. These parts may be very hot and can cause serious burns 当模型操作或使用后请勿触摸发动机、电机、调速器或任何可能发热的部分,这些部分可能非常热会造成严 重的烧伤。

Always perform a operating range check prior to using.

Problems with the radio control system as well as improper installation in a model could cause loss of control. (Simple range test method) Have a friend hold the model, or clamp it down or place it where the wheels or prop cannot come in contact with any object. Walk away and check to see if the servos follow the movement of the controls on the transmitter. Should you notice any abnormal operation, and do not operate the model. Also check to be sure the model memory matches the model in use. 总是在操作模型之前进行全面的检查。



无线电控制系统出现问题以及不正确安装,都有可能导致模型失控,简单的距离测试方法: 一个人把持模型,或者提起来让轮子与地面无法接触,另一个人持发射机走开,检查该伺服系统运转情况,。测试 时要注意到若有异常出现,请不要操作模型。也检查模型的记忆,以确保模型的匹配是适当的。

Turn on the power:Turning on the power switches, Always check the throttle trigger on the transmitter to be sure it is at the neutral position



When making adjustments to the model, do so with the engine not running or the motor disconnected. You may unexpectedly lose control and create a dangerous situation. 开机时,每次都要检查发射器的油门中位是不是处于中间位置。

当发射机作出调整时,可能模型的引擎没有运行或电机没有连接。可能会发生失控或意外事故的情况。





Fail safe function
Before running (cruising), check the fail safe function.
Check Method; Before starting the engine, check the fail safe function as follows:
(1) Turn on the transmitter and receiver power switches.
(2) Wait at least 30 seconds, then turn off the transmitter. (The transmitter automatically transfers the fail safe data to the receiver every 5 seconds.)
(3) Check if the fail safe function moves the servos to the preset position when reception fails. The fail safe function is a safety feature that minimizes set damage by moving the servos to a preset position when reception fails. However, if set to a dangerous position, it has the opposite effect. When the reverse function was used to change the operating direction of a servo, the fail safe function must

防失控功能;

检查操作步骤如下: (1) 打开发射机和接收机,启动发射机防失控功能,并设定在正确的位置.

(2) 至少等待30秒钟,然后关掉发射机电源开关。(发射机每5秒会自动发送防失控的数据到接收机)。

(3)检查在无接收时,接收机会不会使伺服系统处于预定的位置。

这个功能是一个安全功能接收失败时,预置伺服系统到预定位置,可以最大限度地减少伤害然而,如果设置为一 个不当的位置,会有相反的效果,必须重置伺服系统操作的位置。

Battery:

(1) Do not make the battery short circuit.

(2) Do not drop the battery or expose it to strong shocks or vibrations. The battery may short circuit and overheat; electrolyte may leak out and cause burns or chemical damage.

电池:

不要短路电池两极。

不要把电池放置在有强烈冲击和振动的地方。电池可能会发生短路或过热;电解液泄漏出来,可能引起烧伤或 化学损坏。

Storage:
1 Do not leave the radio system or models within the reach of small children.

A small child may accidentally operate the system. This could cause a dangerous situation and injuries.

2 Do not store your R/C system in the following places.

- Where it is extremely hot or cold.

- Where the system will be exposed to direct sunlig 11
- Where the humidity is high.
- Where vibration is prevalent.

-Where dust is prevalent.
-Where the system would be exposed to steam and condensation.

Storing your R/C system under adverse conditions could cause deformation and numerous problems with operation.

Notice:

do not expose plastic parts to fuel, motor spray, waste oil or exhaust. The fuel, motor spray, waste oil and exhaust will penetrate and damage the plastic.

1 不要把无线电系统或模型在幼儿伸手可及的。

小孩子可能会不小心操作系统.这可能发生危险的情况.造成伤害。 2 不要储存你的R / C系统在以下的地方:

极热或冷的地方。

直接暴露于强光下。

在高湿度环境。

振动频繁的地方。

灰尘多的地方。

在潮湿或者过于寒冷的地方. 存储你的R / C系统在不利条件下,可能会导致变形和许多操作问题。

请勿放置在燃料,电动机喷雾,废油或排气旁边。燃料,电动机喷雾,废油和排气将渗透和损害塑料。



5. 2.4GHz 5ystem 4 2.4G系统





AFHDS 2 AUTOMATIC FREQUENCY HOPPING DIGITAL SYSTEM

AFHDS2(第二代自动跳频系统),这个系统是 直斯公司全新专为模型爱好者自主研发,并具有自主 如识产权的一套数字无线系统。它是专门针对模型产 品而研发的,它具有超强的主动和被动抗干扰能力及 极低的使用功耗和极高的接收灵数度,是目前而且 展好的系统之一。此系统经过研发人员吸端严格的训 成为专业研究的验证。模型爱好者完全可以放心使用

RF specifications:

RF range: 2.4000-2.4835GHz Channel bandwidth: \$00KHz Number of channels: 160

Number of channels: 160

RF power: less than 20dBm (100mW)

RF mode: AFHDS 2(Automatic Frequency Hopping

Digital System2)

Modulation type: GFSK Antenna length: 26mm RX sensitivity: -105dBm

参数说明:

频率范围: 2.40-2.4835GHz

波段宽度: 500KHz 波段个数: 160个

发射功率: 不高于20dBm (100mw)

发射模式: AFHDS2(第二代自动路频率数字系统)

编码方式: GFSK 天线长度: 26mm 接收机灵敏度: -105dBm

Nanger:

Misuse of this radio system can lead to serious injuries or death. Please read completely this manual and only operate your radio system according to it.

藝牛

错误使用遥控设备将可能导致严重的伤害甚至 死亡。请在使用前完整阅读这本使用手册,并且在 使用过程中严格按照此手册的说明操作。

The 2.4GHz radio band has a completely different behavior than previously used lower frequency bands. Keep always your model in sight as a large object can block the RF signal and lead to loss of control and danger. The 2.4GHz RF signal propagates in straight lines and cannot get around objects on its path. Never grip the transmitter antenna when operating a model as it degrades significantly the RF signal quality and strength and may cause loss of control and danger

该2.4G无线电波段完全不同于之前所使用的低频无线电波段。使用时要保持您的模型产品行驶在您的视线范围内,因为大的障碍物将会阻断无线电频率信号从而导致遥控失控和危险。2.4G无线电频率信号是沿直线传播的,它不能绕过障碍物进行传播。在使用过程中,严禁紧握发射机天线,否则将会大大减弱无线电传播信号的质量和强度,导致遥控设备失控和危险。

Danger:

Always turn on the transmitter first then the receiver. When turning off the system, always turn off the receiver first then the transmitter. This is to avoid having the receiver on itself as it may pick a wrong signal and lead to erratic servo movements. This is particularly important for electric powered models as it may unexpectedly turn on the motor and lead to injuries or death.

藝牛

每次使用时,必须先打开发射机,然后再给接收机通电。停止使用时,必须先断开接收机电源,然后再关闭发射机。这样操作可以避免接收机接收到错误信号而导致的伺服器无规律的抖动。这对于电动模型来说尤为重要,因为它有可能导致马达突然转动而致使人员伤亡。





System Characteristic ▲ 系统特征





This radio system works in the frequency range of 2.4000 to 2.4835GHz. This band has been divided into 160 independent channels. Each radio system uses 16 different channels and 160 different types of hopping algorithm. By using various switch-on times, hopping scheme and channel frequencies, the system can guarantee a jamming free radio transmission.

此系统工作频率范围是2.4000到2.4835GHz。整个波段被分为160个独立频点。每套遥控系统 使用16个不同频点和160种不同的跳频算法。通过开机时间不同,跳频规律不同和已经不同的频点, 遥控系统能避免干扰传播信号.



This radio system uses a high gain and high quality multidirectional antenna. It covers the whole frequency band. Associated with a high sensitivity receiver, this radio system guarantees a iamming free long range radio transmission

此系统采用高质量的增益天线,覆盖整个波段带宽。配合高灵敏度接收机,系统能有效的避免远 距离传播信号的干扰。



Each transmitter has a unique ID. When binding with a receiver, the receiver saves that unique ID and can accepts only data from that unique transmitter. This avoids picking another transmitter signal and dramatically increases interference immunity and safety.

每台发射机有一个唯一的ID码,当和接收机对码之后,接收机保存这个唯一的ID码并且只接受从 这个ID码发射机发出的信号。这样可以避免接收到别的发射机信号,大大增强抗干扰能力和安全性。



This radio system uses low power electronic components and a very sensitive receiver chip. The RF modulation uses intermittent signal transmission thus reducing even more power consumption. Comparatively, this radio system uses only a tenth of the power of a standard FM system

此系统使用低功率电子元件和高灵敏度接收机芯片。无线电频率模块采用间歇性信号传播,因 此大大降低了发射功率。比较而言,此系统功耗仅为FM版本的十分之一,



This system uses the two-way communication, which could control the working state of current model better and make the operation more enjoyable and safer than before.

此系统采用信息回传功能,此功能更好的掌握当前模型的工作状态。从而增添了操控乐趣以及 更加安全控制模型

6. Battery charging notes 4_电池充电注意事项





If your transmitter or receiver uses any type of rechargeable batteries, please check them before each flight and make sure they are in good shape and fully charged otherwise it may lead to loss of control, injuries and death.

如果您的发射机或者接收机使用任何种类的可充 电电池,请在每次飞行前检查电池,确保电池完好无 损并且满电,否则有可能导致失控或者人员伤亡。

If you are using rechargeable batteries, make sure to use a suitable charger with the right charging current set otherwise it may lead to battery overheating, fire or explosion. Disconnect the battery from the charger as soon as it is fully charged. If you don't plan to use your radio system for a long period of time, remove the batteries from the transmitter and the model as it may danger them.



如果您使用的是可充电电池,请确保充电器符合 可充电电池规格并且用适当的电流进行充电否则将导 致电池过热,失火甚至爆炸。充满电后,请立即断开 充电电源,如果长时间不用遥控设备,请将电池从发射 机和模型中取出保存,以免有损遥控设备。





- Insert the adapter into socket.
- 1. 将锂电池接方向装入发射机。 并合上电池盖 2. USB连上适配器
- 3. 插入发射机充电接口
- 4. 将适配器插入插座







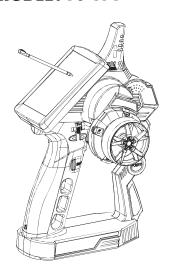


7. Transmitter specifications 📲 发射机参数



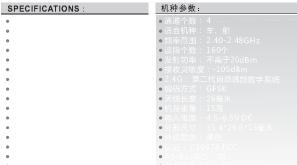




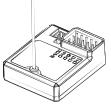


8. Receiver specifications 📫 接收机参数











8. D1. Speed acquisition module 📲 磁感应速度采集模块

- Model type: car/boat
- Monitor range of speed16000RPM
- Power: 4.0-6.5V DC
- Weight: 10gSize: 24.4*14*8mm
- Color: black

机种参数:

- が、伊参敦:

 ・适合机种: 车、船
 ・采集速度范围: 0-16000转/分钟
 ・机身重量: 10克
 ・輸入电源: 4.0-6.5V DC
 ・外形尺寸: 24.4*14*8毫米
 ・外观颜色: 黑色







8. D2. Speed acquisition module 💃 光感应速度采集模块

Monitor range of speed 16000RPM

Power: 4.0-6.5V DC Welght: 10gSize: 24.4*14*8mm

Model type: car/boat

- Color: black

适合机种:车、船 采集速度范围:0-16000转/分钟

机身重量: 10克

● 輸入电源: 4.0-6.5V DC ● 外形尺寸: 24.4*14*8毫米 ● 外观颜色: 黑色





8.03. Temperature acquisition module 📫

SPECIFICATIONS:

机种参数:

- 适合机种: 车、船承集温度范围:-40-100

温度采集模块 **AFHDS**





8.04. Voltage ac isition mod

SPECIFICATIONS :

- Model type: car/boat
 Monitor range of Voltage:
 4.0-30V DC
- Power: 4.0-6.5V DC Weight: 10g Size: 24.4*14*8mm

机种参数:

- 适合机种: 车、射电压采集范围: 4
- 机身重量: 10克
- 輸入电源: 4.0-6 • 外形尺寸: 24.4*
- 外观颜色: 黑色

AFHDS 7 2.4 HZ AUTOMATIC FREQUENCY HOPPING BIGITAL SYSTEM



8.05.56

ceiver 📫 串

SPECIFICATIONS: Channels: 4

- Modeltype: c
- Weight: 12g
- Power: 4.0-6.
- Size: 30*25.6
- Color: black ASbus PORT:
- 机种参数:
- 通道个数:4
- 适合机种: 车、射
- 机身重量: 12克
- 输入电源: 4.0-6
- 外形尺寸: 30*2!外观颜色: 黑色ASbus接口: 有

AFHDS AUTOMATIC FREQUENCY HOPPING DIGITAL SYSTEM







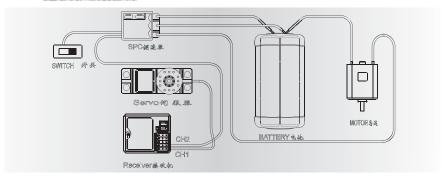


9. Receiver and servo connections 🕯 接收机与伺服器连接

ď.

9.01. Installation when a motor controller is used:

常与达模型的安装连接



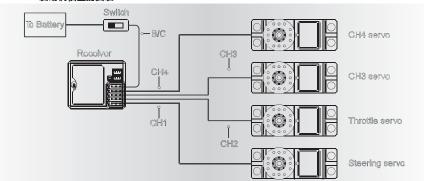
Remark: to guarantee a long range, place the antenna of the receiver vertically away from any metal part.
注意: 为保证良好的遥控距离,请将接收机天线与模型机身垂直放

Receiver

9.02. Installation for gas powered models:



置并远离金属物体。



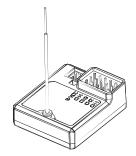




■ 接口说明

1□.F5-iR4 operation instruction _ FS-iR4接收机操作说明





port instruction

CH1-CH4:表示接收机的相应通道

BIND,VCC:表示用于对码和输入电源的通道; OUT:表示输出PPM数据的ASbus接口,用于连接串行

总线接收机,扩展通道; IN:表示各种传感器数据的输入接口,数据采集模块可

CH1-CH4: represent relevant channel of transmitter. BIND, VCC: represent the channel used for matching and input power respectively.

OUT: represent ASbus port of outputting PPMS data and be used for connecting the serial bus receiver to expand channels.

IN: Represent input ports of all kinds of sensor data, and data acquisition modules can be connected in serial optionally.

Binding

对码

所有的发射机和接收机,在出厂前都己对码好,无需再次对码,若您需要与另的发射机进行对码 和使用,请按以下方法操作

- 1. 发射机装上电池, 打开电源
- 2. 进入主界面,选择"接收机设置"功能。点触"对码"进入对码状态 3.用产品包装所配的对码线,插入接收机B/VCC通道;

- 4. 使用6VDC电源,按正确极性,插入CH1-CH4的任一通道,即可进入对码状态,此时LED灯闪烁; 5. 成功对码后,发射机会自动退出对码状态; 6. 拔掉对码线,重启接收机LED常亮,此时即可插入舵机及其它数据采集模块,检测其工作是否正常;
- 7. 如果对码失败,可重复以上动作,重新对码。

配对好的发射机与接收机,当发射机或接收机因误操作而进入对码状态后,会出现不能遥控的现象 -般情况下,关闭电源重开机即可恢复正常,倘若还是不行,则需要重新对码

All receivers are already bound to their respective transmitter at production time. If you want to bind it with another transmitter, please operate as follows:

- 1. Install the battery in the transmitter, and turn on the power.
- 2. Open the main menu, and select "RX setup" function in the second page, then touch "Bind with a receiver" to enter bind mode.
- 3. Insert the standard bind cable into the power supply channel.
- 4. Connect the 6VDC power connector to any channel from CH1 to CH4 with correct polarity to enter bind mode. The receiver LED will flash at this time.
- 5. The transmitter will exit the bind mode automatically after having successfully bound with the transmitter.
- 6. Pull off the bind cable and restart the receiver. Please connect the servos and other telemetry modules to the receiver to check if everything operates normally.
- 7. If anything is wrong, please repeat the above steps to bind again. Notice:

The binded transmitter and receiver will work abnormally if the transmitter or the receiver enters the binding state by mistake. In other words, the receiver cannot be controlled by the transmitter.

If so, just need to restart the transmitter and the receiver. If it still doesn't work,

please bind the transmitter with the receiver again.









FS-SEV01 serial bus receiver connection instruction

🔹 串行总线接收机连接说明

- 71、FS-SEV01接收机的"IN"端口对应接收机的"OUT"端口; 2、FS-SEV01接收机的"OUT"端口,用于串接后级的FS-SEV01接收机,以串
- 3、将此总线接收机插入接收机,打开己配对的发射机,接收机电源,LED点亮;

- 人 操作发射机触控屏,选择接收机设定的主菜单,进入到舵机设定界面;5、选择需要扩展的通道,此时,总线接收机的LED熄灭;6、用对码线上的胶针,按下需要的,相应通道的按键,LED自动点亮,表示设定
- 7、插入舵机,检查设定是否成功;
- 8、重复以上操作即可完成总线接收机4个通道的设定
- 9、当需要更多的通道扩展时,只需要在第一级总线接收机的 "OUT" 端口,串接 新的总线接收机即可,设定的操作方法相同。

注意:当总线接收机的负载过重,电流较大时,请将主接收机的电源分支出来并联接入,单独供电加大负载的能力, 否则可能会因电流过大,烧坏串联的线材。

Serial bus receiver can connect 4 modules with 18 channels in serial at most. Button K1 and K2 correspond to C1 and C2 respectively.

- Operation:
 1. "IN" port of FS-SEV01 receiver corresponds to "Out" port of receiver.

- be on.

 4. Select main menu of receiver setup to enter the interface of servo setup.

 5. Select channel which need to be expanded, meanwhile LEDof bus receiver is off.

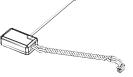
 6. Push relevant channel button by plastic needle of matching line. The setup is successful if LED flashes

- automaticany.
 7. Insert servo to check.
 8. Set up 4 channels of bus receiver as above steps.
 9. Just connect a new bus receiver with "OUT" port of first stage bus receiver if more channel needed. Set up the new one as above steps.

when the load of serial bus receiver is excessive and electric current is higher than usual, please supply power directly to the serial bus receiver or it will break cables

Data telemetry connection





轮子

传感器

磁铁

Data telemetry operation instruction

FS-SPD01: revolving speed module.

Operation:

- 1. Insert one end of standard 3 PIN plug into "OUT" port of speed acquisition module, and insert the other end into "IN" port of receiver or other sensor, as picture above.
- 2. Put the sensor beside the magnet as shown in Figure 3; fix the magnet to the position of axle which needs to test
- e.g.: As following picture shows, put the sensor to the magnet as close as possible in the inner wheel hub of car.

 3. Switch on transmitter and receiver. "Motor speed 2:0RPM" will be shown in receiver window in display screen. Speed value changes as turning wheel, which means installation is successful.





传感器

轮子

反射区

l'elemetry module F5-5PD02: optical rotation speed telemetry module Operation:

- Operation:

 1. Connect one end of the standard 3 PIN plug to the "out" port of the speed telemetry module and the other end to the "in" port of the receiver or the previous sensors "in" port as pictured above.

 2. As picture 2 shows, affix the sensor and the reflection decals on the flat surface of the side of any rotating part (gear, car wheel...). Keep decals flat and perpendicular to the sensor. (Remark: high color contrast between decals and rotating part gives better result). Maintain sufficient safety distance between the sensor and the decals to avoid any damage.

 3. Switch on the transmitter and the receiver. "Motor speed 2: 0RPM" will be displayed in the main screen. The speed displayed will follow the speed of the rotating part monitored by the rotation speed sensor, indicating
- The speed displayed will follow the speed of the rotating part monitored by the rotation speed sensor, indicating a successful installation.

Remark: You can also fix it to the driven gear of the model car. Use the same method to collect RPM data of gear.

FS-STM01:温度采集模块连接







FS-SVT01:外部电压采集模块连接

易作使田道明

- 将所配的3PIN连接线,一端插入电压采集模块的"OUT"位置,另一端插入接收
- 2、打开发射机,接收机电源,在显示屏的接收机窗口内,会发现并显示
- 3、将用于检测的红黑线插针分别插入电池的插头内,红色线为正极,黑色线为负极
- 到外部的电池电压为:12.40V。



Operation instruction:

- 1. Insert one end of standard 3 PIN plug into "OUT" port of external voltage module, and insert the other end into "IN" port of receiver or other sensor, as picture above.
- 2. Switch on transmitter and receiver. "Ext. voltage4:12.40V" will be shown in receiver window in display screen, which means the installation is successful.
- 3. Insert red and black contact pin into battery port respectively. The red one is positive pole and the black one is negative pole, As shown: "Ext, voltage4:12,4v" is shown in the receive widow in display screen, which

FS-SVT01: 外部电压采集模块连接

操作使用说明

- 1、将所配的3PIN连接线,一端插入电压采集模块的"OUT"位置,另一端插入接收机
- 2、打开发射机,接收机电源,在显示屏的接收机窗口内,会发现并
- a、格用于检测的红黑线框针分别指入电池的插头内,红色线为正极,黑色线为负制
 - 注意:用于检测的红黑线,不能接反,否则会损坏接收机

FS-SVT01: External voltage telemetry connection

Operation instruction:

- 1. Insert one end of standard 3 PIN plug into "OUT" port of external voltage module, and insert the other end into "IN" port of receiver or other sensor, as picture above.
- Switch on transmitter and receiver. "Ext.voltage4:12.40V" will be shown in receiver window in display screen, which means the installation is successful.
- 3. Insert red and black contact pin into battery port respectively. The red one is positive pole and the black one is negative pole. As shown: "Ext.voltage4:12.4v" is shown in the receive widow in display screen, which

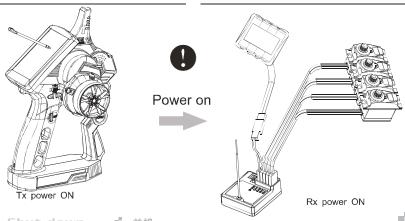




11. Power on 💃 开机

- 1. Connnect all parts
- 2. Switch on the transmitter
- 3. Connect the receiver battery
- 4. The receiver red LED indicator is solid indicating the presence of a correct signal
- 5. When the error rate of transmitter is less than 5%, the signal of receiver is stable.
- 6. Use the radio system

- 1. 连接好所有部件
- 2. 打开发射机
- 3. 接通接收机电源
- 4. 接收机红色指示灯常亮说明信号连接正常.
- 5.发射机的误码率小于5%,接收信号强度稳定(TX/RX电量充足时)
- 6. 操作系统可以使用



Shut down

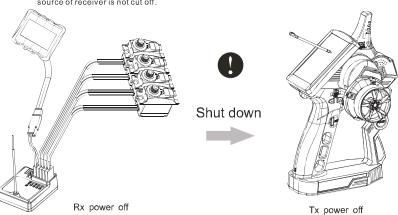
2. Turn off the transmitter

1. Cut off power source of receiver

Attention: transmitter cannot be turned off if the power source of receiver is not cut off.

- 1. 断开接收机电源
- 2. 关闭发射机

注:未断开接收机电源,发射机电源是无法关闭的。





13. Definition of key functions 🕻 按键定义









14. Main screen 🔓 开机画面



开机画面显示了富斯公司的标志, 两秒后进入到主菜单. 主菜单显示的具体内容如下图

The screen display the logo of FLYSKY. Entering the main menu after two seconds . the main menu is as the following picture:







15. Main menu 🕌 主菜单







Main menu page 1 主菜单第一页

Main menu page 2 主菜单第二页

The main menu can be accessed by touching the settings icon at the bottom of the main screen.

The main menu is organized in horizontal pages. Each page contains up to 12 icons representing 12 different

The white balls in the bottom tray indicate which menu page is displayed. The big white ball represents the currently displayed page.

To display the next page, touch the current page anywhere on its right part and slide it to the left.

To display the previous page, touch the current page anywhere on its left part and slide it to the right.

To enter a function, simply touch its corresponding icon

To return to the main screen, touch the back button in the bottom tray.

体代表当前显示的页面。 点触当前页的任何位置由右向左滑动可显示下一页。 点触当前页的任何位置由左向右滑动可显示上一页。 点触底部的文件盘上的返回图标 可返回主屏幕。

顶部状态栏 16. Top tray_



represented with 5 bars. When the signal strength is lower or equal to two bars, an audible alarmrings.

显示模型接收到信号的强度。最强信号是5格,当信号强度等于或低于2格,将听到警报。





17. Functions interface 4 功能操作



All functions use a set of standard user interface objects. The bottom tray can contain the following buttons: 所有的功能使用一套标准的用户界面对象。 屏幕底部包含以下图标:

返回图标用于返回上一页面

The default button sets back the current page parameters to their default values. 默认图标可将当前页参数恢复到默认值。

These 2 buttons respectively enable and disable the current function.

Yes No 的意义



Models

20 model configurations can be saved and managed allowing to switch between 20 different vehicles to control.

A menu selects the action to execute on the model configurations.

Name: modifies the name of the current model.

Select model: select the model configuration to load

标题栏显示当前功能或菜单。

A white exclamation mark on the right of a title bar indicates that contextual help is available. Touch it and it will be displayed.

点触标题栏右边的问号可获得操作提示。

To scroll down a help page, touch it anywhere on its bottom part and slide it up. To up down a help page, touch it anywhere on its top part and slide it down. To return to the calling function, touch the back button in the bottom tray.

点触下方任意地方向上滑动,帮助页面将会向下滚动。 点触下方任意地方向下滑动,帮助页面将会向上滚动。 点触页面下方的返回图标回到上一功能。

Brake return: 50%

Delay: 0%

Cycle length: 30%

Trigger point: 30%

Duty cycle: 0

A vertical menu allows to select one option among several. 可以选择垂直方向的菜单其中一个选项。

This example selects the ABS parameter to set. The right gray vertical bar Indicates the lengths of the menu and the current position in it.

To scroll down a vertical menu, touch it anywhere on its bottom and slide it up.

To scroll up a vertical menu, touch it anywhere on its top and slide it down.

To select one of the menu items, simply touch it.

点触下方任意地方向上滑动,垂直方向的菜单向下滚动。 点触上方任意地方向下滑动,垂直方向的菜单向上滚动。 点触选定的菜单项即可完成选择。