FLY SKY

FS-T6

Digital propotional radio control system

INSTRUCTION MANUAL
用户手册

2.4 Hz 01010101 AFHDS AUTOMATIC FREQUENCY HOPPING DIGITAL SYSTEM

http://www.flysky-cn.com

WARNING:
This product is suitable for 15 years old and above
本产品不适合15岁以下儿童使用
15+

CE

Table of contents

1. Introduction 简介

Thank you for choosing the Fly Sky FS-T6 6 channels 2.4GHz AFHDS computerized digital proportional R/C airplane and helicopter system. If it's your first use of a computerized radio system, this user manual will bring you easily to a new world of fun and sophistication. In all cases, please read carefully and completely this user manual as it contains all information to keep you safe.

感谢您选择富斯出品的FS-T6六通道2.4G可编程AFHDS遥控系统，该系统可兼容飞机和直升机两种模式。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. Special symbols 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: Not following these instructions may expose the user to serious injuries or death.

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: Not following these instructions may expose the user to serious injuries.

如果使用者不按照说明方法操作，有可能导致使用者严重受伤。

Attention: Not following these instructions may expose the user to minor 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

Don't fly at night or in bad weather like rain or thunderstorm as this can cause erratic operation or loss of control.

请不要在夜晚或者雷雨天使用此产品，因为恶劣的天气环境有可能导致遥控设备失控。

Before you fly, please make sure the movements of all servos correspond to the joysticks direction. In case of inconsistencies, please adjust before flight.

飞行之前, 请先确认所有舵机的动作方向与操纵杆方向一致。如果不一致，请在飞行前调整好正确的方向。

Before use, please lower the throttle stick to its minimum, switch on the transmitter then connect the receiver battery.

使用之前, 请将油门操纵杆调整到最小位置，打开发射机之后再接通接收机电源。

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。

5. 2.4GHz System 2.4G系统

AFHDS AUTOMATIC FREQUENCY HOPPING DIGITAL SYSTEM

AFHDS stands for "Automatic Frequency Hopping Digital System". This highly sophisticated radio transmission system will guarantee you a long range, jamming free and long battery life experience. This is the result of years of research and testing and makes Fly Sky one of the world leader in the market.

AFHDS是自动调频数字系统的简写。它是一个高度精密的遥控信号传播系统，这个系统能够提供良好的距离，抗干扰能力强并且耗电量低。它是世界领先的遥控制造商之一——富斯遥控模型技术有限公司研发并测试多年的成果。

RF specifications:
RF range: 2.4000-2.4835GHz
Channel bandwidth: 500KHz
Number of channels: 160
RF power: less than 20dBm (100mW)
RF mode: AFHDS (Automatic Frequency Hopping Digital System)
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： AFHDS(自动跳频率数字系统)
编码方式： GFSK
天线长度： 26毫米
接收机灵敏度： -105dBm

Danger:

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.

警告!

错误使用遥控设备将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飞行在您的视线范围内，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。

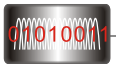
Danger:

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.

警告!

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 jamming 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。

6. Battery charging notes 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 aircraft as it may damage 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飞机中取出保存，以免有损遥控设备。

7. Transmitter specifications 发射机参数

Transmitter specifications:

Number of channels: 16
Model type: aircraft and helicopter
Channel resolution: 1024 steps
Power supply: 12V (1.5V AA x 8)
Low voltage warning: Blinking symbol below 9.5V
Buzzer alarm below 8.5V
Charging jack: 3.5mm round
Antenna length: 26mm
Color: Black
Size: 302 x 190 x 93mm
Weight: 590g
Certification: CE、FCC

机种参数

1. 通道个数:16 个通道;
2. 适合机种 ：飞机/直升机
3. 数据分辨率: 1024级
4. 输入电压: 12V (1.5V AA x 8)
5. 低电压报警功能: 低于9.5伏图标开始闪烁
低于8.5伏蜂鸣器报警
6. 充电插头: 3.5毫米
7. 天线长度: 26毫米
8. 外观颜色: 黑色
9. 外形尺寸: 302*190*93毫米
10. 整机重量: 590克
11. 安规认证: CE、FCC

2.4 Hz AFHDS AUTOMATIC FREQUENCY HOPPING DIGITAL SYSTEM

MODELS : FS-T6

8. Receiver specifications 接收机参数

2.4 Hz AFHDS AUTOMATIC FREQUENCY HOPPING DIGITAL SYSTEM

MODEL: FS-R6B

SPECIFICATIONS :

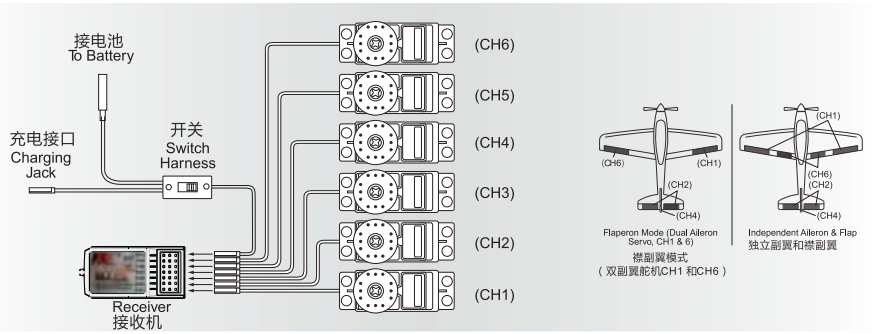
Number of channels :16
Model type: aircraft and helicopter
RF receiver sensitivity: -105dBm;
Modulation : GFSK
System type: AFHDS
Channel resolution: 1024 steps
Bind port: yes
Power port: yes(VCC)
Power: 4.5-6.5VDC
Weight: 13g
Antenna length: 26mm
Size: 45*23*9mm
Color: black
Certification: CE、FCC.

机种参数：

1. 通道个数 :16个通道
2. 适合机种 ： 飞机/直升机
3. 接收灵敏度 ： -105dBm
4. 调制方式: GFSK
5. 系统模式: AFHDS
6. 数据分辨率: 1024级
7. 对码接口: 有
8. 电源接口: 有(VCC)
9. 电源标准: 4.5-6.5V DC
10. 整机重量: 13克
11. 天线长度: 26毫米
12. 外型尺寸: 45*23*9毫米
13. 外观颜色: 灰色透明
14. 安规认证: CE、FCC。

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

9. 01. Receiver and servo connections (aircraft)
飞机模型的接收机与伺服器连接



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,请将接收机天线与飞机机身垂直放置并远离金属物体。

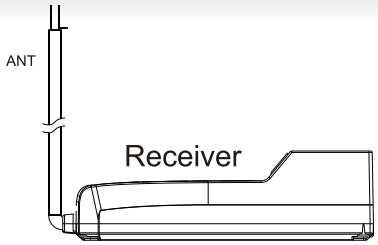
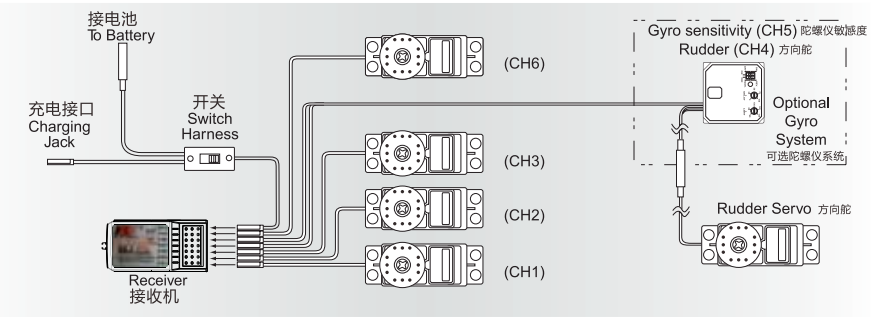


Figure 1 (图1)

9. 02. Receiver and servo connections(helicopter)
直升机模型的接收机与伺服器连接



10. 2.4GHz Operation notes 2.4G操作注意事项

10. 01. Binding 对码

The supplied transmitter and receiver are already bound at production time so you don't need to do it. If you are using another transmitter or receiver, you have to first bind them before use as described below:

1. Install batteries in the transmitter and turn it off.
2. Connect the binding jumper to the battery port of the receiver.
3. Connect the battery of the receiver to any channel power supply. The red LED with blink indicating that it is in binding mode.
4. Press and hold the bind key of the transmitter and turn it on.
5. The red LED of the received should stop to blink meaning a successful binding.
6. Disconnect the receiver battery.
7. Turn off then back on the transmitter.
8. Connect all the servos to the receiver then its battery.
9. Check if all servos are working as expected.
10. If anything is wrong, restart this procedure from the beginning.

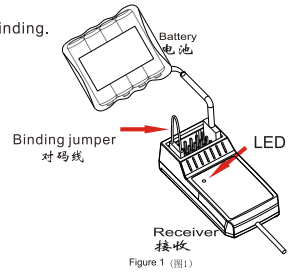


Figure 1 (图1)

对码:

所有遥控产品在出厂的时候都已经对好码，您无需再次对码。如果您需要和其他发射机或接收机对码， 您必须在使用前按照以下方法对码：

1. 将电池装入发射机,然后关闭发射机。
2. 将对码线插到接收机电池通道插口。
3. 将接收机电池连接至接收机任意通道，接收机红色指示灯闪烁表明处于对码状态。
4. 按住发射机对码按键不松手，同时打开发射机。
5. 接收机红色指示灯停止闪烁表明对码成功。
6. 断开接收机电源。
7. 关闭发射机电源。
8. 将所有舵机连接至接收机,然后就将电池连接到接收机。
9. 检查是否所有的舵机按照要求工作正常。
10. 如果对码失败,请按以上步骤从头再来。

Figure(图2)

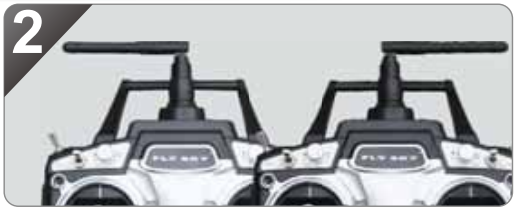
10. 02. Adjustment of the antenna: 天线调整

Adjustment of the antenna:

There are two correct ways to adjust the antenna. Please strictly respect the following illustration as test results show that it is the safest and most efficient way to control your model.

关于2.4G天线摆放标准:

2.4G天线正确摆放方式有以下两种，请参照下图所示严格执行。此两种方式经测试能最大安全、最有效的控制您的模型产品。

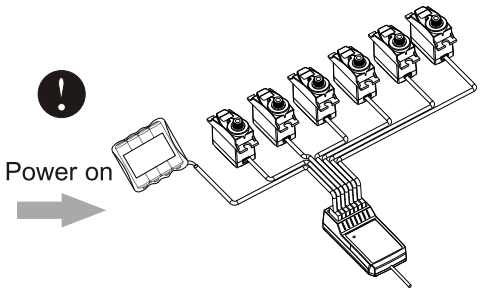


10.03 Power on 开机

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. 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. 操作系统可以使用

Tx power ON

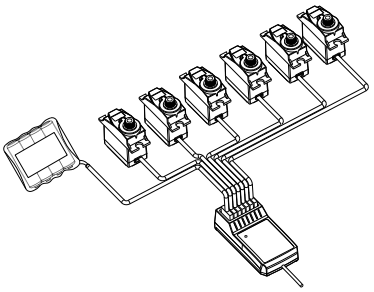


Rx power ON

10.04 Shut down 关机

1. Disconnect the receiver battery
2. Switch off the transmitter

1. 断开接收机电源
2. 关闭发射机



Rx power off

Tx power off

11. Definition of key functions 按键定义

12. Warning 警告

For your safety, the 4 switches of the transmitter must be in their off position when turning the transmitter on. If not, a warning screen will be displayed until all switches are in the right state.

为了您的安全，开机时发射机上面的四个拨动开关必须在关闭位置。如果没有在关闭位置，显示屏将会出现报警提示直至所有开关关闭。

13. Main screen 开机画面

Besides the Fly Sky logo and modulation type (AFHDS), the main screen displays the following information:

1. Selected model number (1 to 20): 20 different models can be saved in the transmitter allowing you to instantly switch to 20 different models.
2. Model name: each model can be named with a 8 characters name that allow you to easily recognize the associated model.
3. An aircraft or helicopter picture that indicates the type of the selected model.
4. The four electronic trims position.
5. The battery status and voltage. The battery status will start to blink when the battery voltage drops below 9.5V. Below 8.5V, an alarm beep will be emitted.

除了富斯商标和AFHDS跳频方式外，开机画面还显示以下内容：

1. 选择模型编号(1到20)：发射机可以存储20组不同模型，用户可立即转换20组不同数据。
2. 模型名称：每一组模型的名称由8个字符组成，用户可以根据模型的名称很容易的找到相关的模型。
3. 所选择的飞机或者直升机的种类的标志。
4. 四个电子微调的位置。
5. 电池的电量状况和电压。当电池电压低于9.5V时，电池的标识开始闪烁，当电池电压低于8.5V时，蜂鸣器开始报警。

14. Main menu 主菜单

The main menu is separated into two main sections, system and functions. The system menu allows you to set up the transmitter and to manage the 20 models. The function menu is used to set up each model separately. To enter the main menu, long press the "Enter" key. Use the "Up" and "Down" rotary button to select the desired section and press "Enter". Then, use the "Up" and "Down" rotary button to select the desired submenu and press again "Enter". Most of the following screens work according to this simple scheme:

1. Use the "Enter" key to select the parameter to modify.
2. Use the "Up" and "Down" rotary button to modify the value of the selected parameter.
3. Press the "OK" key to exit and save the new parameters .
4. Press the "Cancel" key to exit without saving the new parameters.

To return to the previous screen, press the "Cancel" key. You can repeat that operation until the main screen.

主菜单分为两部分，系统设置和功能设置。用户可以进入系统菜单设定发射机和选择20组模型。功能菜单中可分别设置每个模型的功能。

长按 "Enter" 键进入主菜单，滚动 "Up" 和 "Down" 旋钮选择想要的功能，按 "Enter" 键确认。然后滚动 "Up" 和 "Down" 旋钮选择想要的子菜单，再次按 "Enter" 键确认。接下来大多数的屏幕操作都是按照这个简单的步骤进行：

1. 通过 "Enter" 键选择需要修改的参数。
2. 滚动 "Up" 和 "Down" 旋钮修改参数的数值。
3. 按 "OK" 键退出并保存新的参数。
4. 按 "Cancel" 键退出不保存新的参数.

按 "Cancel" 键返回上一级菜单。用户可以重复这个操作直至回到主菜单。

15. System settings 系统设置

15.01. Model select 模型选择

Use this function to select the active model among the 20 available models. Doing so, you can set up and save all required parameters to fly 20 different models and switch instantly between them.

此功能是从存储的20组模型中选择一个当前使用的，用户可以设定和存储所需要的20组不同模型的数据，用户可立即转换不同数据.

15.02. Model name 模型名称

Use this function to change the name associated with the currently selected model. Press “Enter” to select the letter of the name to change then use the rotary button to change the selected letter.

此功能可修改当前选择的模型名称。按“Enter”键选定需要修改的字母，滚动旋钮选择替换该处的新字母。

15.03. Type select 类型选择

Use this function to select the type of aircraft or helicopter the current model is controlling. The “Functions setup” menu will be filled accordingly. The transmitter supports airplanes (including V tail configuration), fixed and variable pitch helicopters and Swash AFR (Collective and Cyclic Pitch Mixing) 90°, 120° and 140°.

此功能可选择当前模型的类型：飞机或者直升机。对应的功能设置也会相应的修改。 此款发射机支持飞机模式(包括V型尾翼结构)，固定和可变螺距的直升机以及CCPM(直升机螺距混控系统) 90°、120° 和 140°。

15.04. Model copy 模型复制

Use this function to copy one model settings to another. The target model settings will be deleted and replaced by the source model settings. Since this command is destructive, a confirmation will be asked. Press “OK” to execute the copy, select “Yes” with the rotary button then press “OK” again to confirm.

此功能可将选定的模型的数据复制到目标模型，目标模型的原始数据将被永久删除，并且被目标源的模型设置所代替，因为指令是无法修复的, 所以会有一个询问提示，再次确认是否执行该操作。按“OK”键执行该命令，滚动旋钮选择“Yes”再次按“OK”键确认操作。

15.05. Model reset 模型重设

This function will reset the currently selected model to its default. The other models will not be affected. This can be useful when a setup is going nowhere and needs a fresh start. Since this function is destructive, a confirmation will be asked.

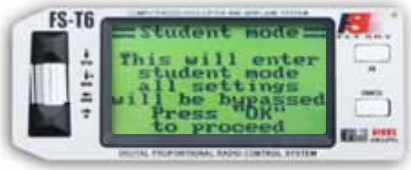
此功能将当前所选择的模型数据恢复到默认值，其他的模型的数据不会被修改。设置调乱时可使用该功能进行初始化设置。当前所选择模型的数据将被永久删除，并且无法恢复，因此会有一个询问提示，再次确认是否执行该操作。

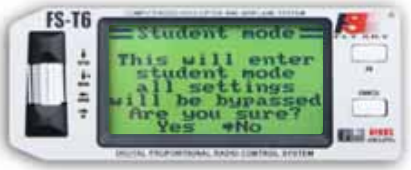
15.06. Trainer mode 教练模式

This function allows you to connect 2 transmitters together using a dedicated cable connected to the back interface. One is the instructor (the master) and the other is the student (the slave). Once enabled, switching on the selected trainer switch will set up the remote as the instructor and use the student signal to control the model. As soon as the trainer switch is turned off, the instructor regains control and can for example recover the model from a hazardous position.

此功能允许用户通过教练线连接两台发射机一同控制。一台发射机为教练控制，一台发射机为学员控制。一旦开启此功能，教练开关打开时，学员可通过自己的发射机控制模型。当教练开关关闭时，教练恢复控制权。

15.07. Student mode 学员模式





This function works together with the trainer mode. Once enabled, all model settings are bypassed and the sticks position is sent directly to the instructor's transmitter. At that time, the student transmitter must not control any model directly and any receiver bound to the student transmitter must be turned off. Bypassing all student settings allows both student and instructor to share the instructor settings to avoid any glitch when switching between the student and his instructor.

此功能和教练功能一同使用。一旦开启此功能，学员机上所有数据都被锁定，操纵杆的数据直接由教练机定义。而且学员发射机一定不能直接控制任何模型，任何与学员发射机对上码的接收机必须关闭。学员机上所有的设置数据将被锁定，教练机和学员机共享教练机上的设置数据防止教练开关打开时教练机和学员机的脉冲干扰。

15.08. Sticks mode 操纵杆模式

With this function, you can choose among 4 different sticks modes. The 4 first channels are mapped to the selected sticks according to your flying habits (left or right handed for example).

此功能有四种不同操纵杆模式供选择。第一组操作杆模式的通道已经在图上标明出来，用户可根据飞行习惯自行选择(例如左手油门或者右手油门)。

15.09. LCD brightness 屏幕亮度

The LCD brightness can be adjusted to accommodate to the ambient light.

屏幕亮度可根据适合周围光线环境的需求调整。

15.10. Firmware version 固件版本

This screen displays the firmware version and date. This allows you to know if a newer version Is available for update (see below).

此屏幕显示的是当前固件的版本和日期，用户在网站上可以看到是否有更新的版本可供升级。

16. Functions settings 功能设置

16.01. Reverse 倒置功能

This function allows you to reverse a channel. Set all channels according to your model mechanics.

用户可通过此功能倒置通道，模型上所有舵机的方向可以通过此设置改变。

16.02. End points 终点设置

This function sets the lower and upper extents of all channels. Select the channel number with the "Enter" key and the lower or upper extenby moving the corresponding stick or variator to the desired direction. Select each extent value according to your model mechanics.

此功能可以调整所有通道范围的大小。按"Enter"键选择通道，根据需要和用户的模型结构移动对应的拨动开关或者旋钮调整每一个通道的数值范围的大小。

16.03. Display 显示

This screen displays the status of all the 6 channels like they are transmitted to the model. It's includes all the mode settings and algorithms if the student mode is not activated.

此屏幕显示的是六个通道的情况与操控模型的实际情况相同。学生模式没有激活的情况下，此处显示的是本机所有的设置和算法.

16.04. Auxiliary channels 辅助通道

This function let you choose the source of the channels 5 and 6. It can be a variator or a switch. If a switch is selected, an off switch will transmit the lower extent of the channel and an on switch the upper extent. If a variable pitch helicopter is in use, the channel 6 is unavailable. If a helicopter gyroscope is activated, the channel 5 is unavailable.

此功能可选择第五、第六通道的控制来源。可以是一个旋钮或者是一个拨动开关。如果选择拨动开关，开关关闭时传播信号为通道的较低值， 开关打开时传播信号为通道的较高值。如果使用的是可变螺距的直升机， 第六通道是不能使用的。 如果是使用陀螺仪的直升机，第五通道是不能使用的。

16.05. Sub trim 微调

This function allows you to adjust the middle point of each servo. This is especially useful when this middle point cannot be mechanically fine adjusted.

此功能可调整每个通道对应舵机的中位。特别是当机械上无法调整时，这个功能非常有用.

16.06. Dual rate / exponential 双重比率

This function lets you set up the transfer function of the channel 1, 2 and 4 in both normal and sport mode. Use the fly mode switch to change mode. The rate selects the desired slope coefficient and the exponential the linearity of the curve. This is very useful to decrease the sensitivity near the middle point.

此功能可设置第一、第二和第四通道正常模式和运动模式的转换功能。 通过飞行模式开关改变此模式，可根据需要选择理想的倾斜系数和曲线的线性指数。对于减小靠近中位点灵敏度非常有用。

16.07. Throttle curve 油门曲线

This function sets up the transfer curve of the throttle (channel 3) in both normal and idle up modes. Use the idle mode switch to change mode. 5 key points can be adjusted. For example, a beginner may set them to 0, 5, 10, 15 and 20% to decrease the throttle sensitivity and keep its linearity.

此功能可设置油门(第三通道)曲线的普通模式和悬停模式。使用悬停开关改变模式类型。可以调整曲线上的5个主要数值。例如：初学者可分别设置为0%、 5%、10%、15% 和20%减小油门灵敏度并且可以保持线性。

16.08. Pitch curve (variable pitch helicopter only)

螺距曲线(仅螺距可变直升机适用)

This function is similar to the "Throttle curve" and sets up the transfer curve of the pitch.

此功能和"油门曲线"功能类似，是用来调整螺距曲线。

16.09. Swash AFR (variable pitch with Swash AFR helicopter only)

直升机螺距混控系统 (仅适合螺距可变CCPM直升机)

This function sets the proportion of aileron, elevator and pitch in the Swash AFR. To invert one of them, a negative value must be selected.

此功能是设置副翼、升降和螺距的比例。如倒置他们中的任何一个，必须选择相反的数值。

16.10. Mix 混控功能

This function allows you to program up to 3 custom channel mixes. The master channel will alter the slave channel. The positive and negative mix set the amount of alteration above and below the middle point. The offset shifts the slave channel by a certain amount.

用户可根据自己的实际需要编写三组混控功能数据。Master对应通道数值会改变Slave对应通道数值。混控设置的正负值设定需要在中点上下做调整。Slave 通道的数值会根据现有的数值改变。

16.11. V tail (Airplane only) V型尾翼(仅飞机适用)

Turn on this function if you are flying an airplane with a V tail configuration. Set the aileron (Channel 1) and elevator (Channel 2) proportion in the mix.

如果用户在使用一款带有V型尾翼结构的模型，打开此功能可在此设置副翼(第一通道)和升降舵 (第二通道) 的混控比例。

16.12. Gyroscope (helicopter only) 陀螺仪设置(仅直升机适用)

This function allows you to activate the gyroscope on the channel 5 and to set up its value for both normal and idle up modes.

用户可在此功能中打开第五通道的陀螺仪，设置普通模式和悬停模式的数值。

16.13. Switches assign 开关分配

This function lets you assign a switch to control the fly mode, idle mode and throttle hold functions.

此功能可将波动开关分别分配给飞行模式，悬停模式和油门锁定功能。

16.14. Throttle hold 油门锁定

This function allows you to activate the throttle hold and to choose its value. Once engaged, the throttle stick is ignored and only the selected value is transmitted.

此功能可以激活油门锁定功能并设置油门锁定值。一旦启用，油门摇杆将被锁定。发射机油门量始终为该处设定的数值。

17. Packaging content 包装内容

NO:	Model	Sum	Remarks
1	6 channel 2.4G transmitter (FS-T6) 6 通2.4G发射机 	1	
2	6 channel 2.4G receiver (FS-R6B) 6 通2.4G接收机 	1	
3	User manual 说明书 	1	CD
4	Servo（FS-S009） 伺服器 		Optional 可选的
5	Charger 充电器 		Optional 可选的

18. FCC Statement

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 televison 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.

To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. (Example use only shielded interface cables when connecting to computer or peripheral devices).

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.

Digital propotional radio control system

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