

## 15. Main menu 主菜单



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

1. Use the "OK" key to select the parameter to modify.
2. Use the "Up" and "Down" key to modify the value of the selected parameter.
3. Long press the "Cancel" key to exit and save the new parameters.
4. Short 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"OK"键进入主菜单，按"Up"和"Down"按键选择想要的功能，短按"OK"键确认。然后按"Up"和"Down"按键选择想要的子菜单，再次短按"OK"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"OK"键选择需要修改的参数。
2. 按"Up"和"Down"按键修改参数的数值。
3. 长按"Cancel"键退出并保存新的参数。
4. 短按"Cancel"键退出但不保存新的参数。

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。

## 16. System settings 系统设置



### 16.01. 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。

## 16.02. Model name 模型名称



Use this function to change the name associated with the currently selected model. Press "OK" to select the letter of the name to change then use the "UP" "DOWN" key to change the selected letter.

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

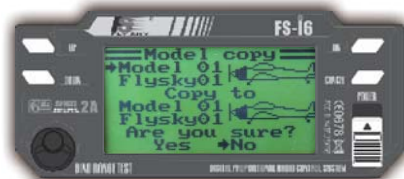
## 16.03. Type select 类型选择



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°。

## 16.04. 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 "UP" "DOWN" key 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，按“UP”“DOWN”键选择“Yes”再次按“OK”键确认操作。

## 16.05. Model reset 模型重置



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。

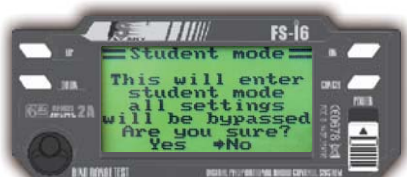
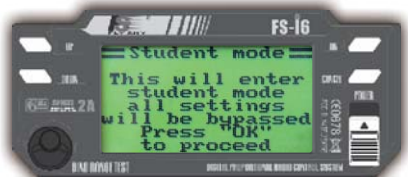
## 16.06. Trainer mode 教练模式



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 trainer transmitter to control the model. As soon as the trainer switch is turned off, the student transmitter regains control. To be effective, the 2 transmitters have to use the same radio mode (see below).

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，教练可通过自己的发射机控制模型。当教练开关关闭时，学员恢复控制权。

## 16.07. Student mode 学员模式



This function works together with the trainer mode. Once enabled, all mode 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 trainer 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 its 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，任何与教练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。

## 16.08. 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)。

## 16.09 Rx setup 接收机设置

### 16.09.01 AFHDS 2 单双向选择



This function is used to set one-way or two-way communication.

此功能用于设置单向或双向通信

### 16.09.02 RX Battery 接收机电源电压



**Low voltage:** set the minimum voltage value. The battery is empty when the actual battery voltage value is lower than this value.

**Alarm voltage:** set the alarm voltage. An audible alarm rings and the receiver battery icon in the top tray blinks when the actual battery voltage value is lower than this value.

**High voltage:** set the maximum voltage value. The battery is in full charge state when the actual battery voltage is equal to this value.

此功能用于设置接收机电源电压状态

**低电压:** 设置电压值，当电池电压低于该数值时，显示电池处于没电状态。

**警报电压:** 设置电压值，低于此电压可以听见警报并且屏幕顶部上方的接收机电池标识开始闪烁。

**高电压:** 设置电压值，当电池电压为该电压值时，显示电池处于满电状态。

## 16.09.03 Fail Safe 失控保护



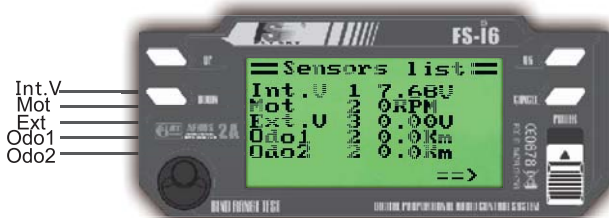
This function is used for setting the data of failsafe. Once the signal of receiver is lost, the one or more servos will back to pre-set position. "turn off" means the relevant servos will keep the last position when the signal is lost. Setting methods:

Short press "OK", choose one channel to set failsafe function, if the channel is in the needed position, and keep it, short press "OK", then the position of servo will be saved. "ALL Channels" is used for setting all activated channels at a time. Press "Cancel" after finishing all setting to save the failsafe data.

此功能用于设置失控保护数据，万一接收机丢失信号，接收机将设置一个或多个舵机到预先设定的位置。“关闭”意味万一接收丢失信号，相关联的舵机将会保持最后收到的位置。**设置方法：**

短按“OK”键进入一个通道设置失控保护功能，如果激活设置通道到需要的位置，保持该位置，短按“OK”键舵机的位置将保存。“ALL Channels”选项用于一次性设置所有激活的通道，设置完成需长按“Cancel”取消键，保存失控保护数据

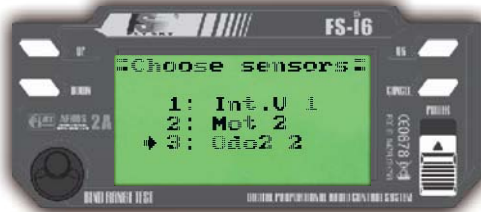
## 16.09.04 Sensors list 传感器列表



It shows all sehsors' type, code and value, it can connect 15 sensors at most.

显示所有链接上的传感器类型、编码和数值，最多可链接15个传感器

## 16.09.05 Choose Sensors 选择传感器



Main screen can show 3 sensors' value, this function can select sensor which need to show, if you don't select sensor, it will show the default one.

主显示屏最多可以显示3个传感器的数值，此功能可选择需显示的传感器，若未选择，则显示默认传感器。

## 16.09.06 Speed-distance 速度与距离



### Speed sensor:

Select the rotation speed sensor to use. If none is selected, this function is disabled.

### Set rotation length:

Set the vehicle travel distance corresponding to one rotation speed sensor. This distance is used to control the virtual speed and odometers sensors.

### Reset odometer:

Touch "Reset odometer 1" or "Reset odometer 2" to reset the corresponding odometer.

Odometer 1: it is used for recording the distance traveled by the vehicle one time

Odometer 2: it is used for recording total distance traveled by the vehicle.

### 转速传感器

选择转速传感器.如果没有选择,该功能将被禁用.

### 每圈长度

设置旋转一圈车辆的行程.该距离用于计算虚拟速度和里程表传感器.设置模型车每圈的能走的距离(单位:毫米)。

### 里程表清零

“复位里程表1”或“复位里程表2”，可用于清零相应的里程表内的数值。

里程表1：可作为单次里程表，记录每次使用时模型车跑的里程。

里程表2：可作为总里程表，累计记录所有的里程。

## 16.09.07 i-BUS Setup 设置 i-Bus



This function is used to expand data channel

此功能用于扩展数据通道

## 16.09.08 Servos Freq 舵机频率



This function is used to set servo's frequency

此功能用于设置舵机频率

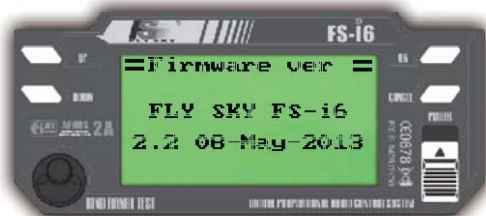
## 16.10. LCD brightness 显示屏亮度



Adjust the screen contrast according to the surrounding light environment.

屏幕亮度对比度可根据适合周围光线环境的需求调整。

## 16.11. 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。

## 16.12. Firmware update 固件升级

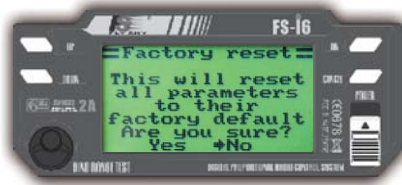
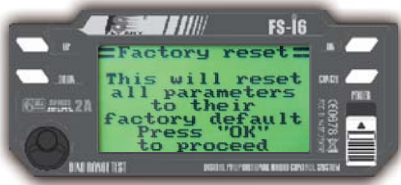


Prior activating this function, connect the USB cable between the back interface of the transmitter and a PC computer. A confirmation will be asked since all functions will be halted. Turn off any receiver before entering this mode. To exit this mode, simply turn off then back on the transmitter.



先启动此功能，然后用USB线将发射机背后的接口与电脑连接。所有功能停止之后，会有一个询问提示，确认是否执行该操作。进入此模式前，请关闭所有接收机。如需退出此模式，直接关闭发射机。

## 16.13. Factory reset 恢复工厂设置



This function will restore the whole transmitter settings to their factory default. All system and modes settings will be lost. Since this function is destructive, a confirmation will be asked.

此功能可恢复发射机全部设置到出厂默认值，所有的系统设置和功能设置数据将被永久删除，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。

## 17. Functions settings 功能设置



### 17.01. Reverse 正逆转

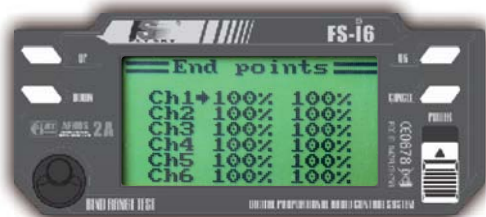


This function allows you to reverse a channel. Set all channels according to your model mechanics.

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。



## 17.02. End points 舵机最大行程



This function sets the lower and upper extents of all channels. Select the channel number with the "OK" key and the lower or upper extent by 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“OK”键选择通道，根据需要用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。

## 17.03. 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。教练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。

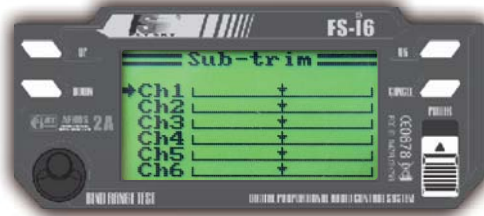
## 17.04. Auxiliary channels 辅助通道



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。

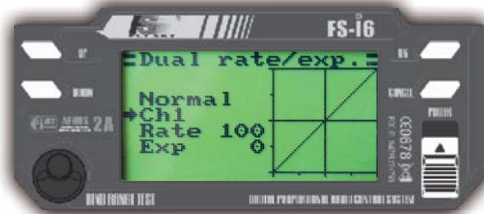
## 17.05. Sub-trim 微调



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。

## 17.06. Dual rate / exponential 双重比率/指数



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。

## 17.07. Throttle curve 油门曲线

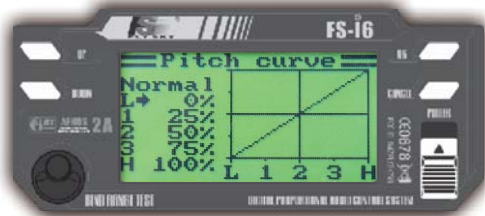


This function sets up the transfer curve of the throttle (channel 3) in both normal and idle up modes. Use the idle mode switch to change mode. 5 key points can be adjusted. For example, a beginner may set them to 0%, 5%, 10%, 15% and 20% to decrease the throttle sensitivity and keep its linearity.

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。

## 17.08. 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。

## 17.09. 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。

## 17.10. 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。

## 17.11. Elevon (Airplane only) 升降副翼混控(仅飞机适用)



For the model without tail and the delta wing, you can set mix control rates of Aileron (CH1) and Elevator (CH2) by this function.

如果用户在使用一款没有尾翼和三角翼结构的模型，可使用此功能设置副翼(第一通道)和升降舵(第二通道)的混控比例。

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



For the model without the V-tail, you can set mix control rates of Elevator (CH2) and Rudder (CH4) by this function.

如果用户在使用一款带有V型尾翼结构的模型，可使用此功能设置升降(第二通道)和方向舵(第四通道)的混控比例。

## 17.13. 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。

## 17.14. Switches assign 开关分配



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

此功能可将拨动开关分别分配给飞行模式，悬停模式和油门锁定功能。







## 17.15. 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。

## 18. Packaging content 包装内容

NO:	Model		Sum	Remarks
1	6 channel 2.4G transmitter (FS-i6) 6 通2.4G发射机		1	
2	6 channel 2.4G receiver (FS-iA6) 6 通2.4G接收机		1	
3	User manual 说明书		1	CD
4	Simulator cable 模拟线		1	Optional 可选的
5	Servo (FS-S009) 伺服器		2	Optional 可选的
6	Trainer cable 教练线		1	Optional 可选的

## 19. FCC Statement 声明

### 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.

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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