

Instruction for code pairing of Transmitter and Reciver 发射机与接收机的对频介绍

First turn on the transmitter and connect the receiver

1. LED of the receiver flashes slowly
2. Press the code pairing button about 4-6 seconds, the LED flashes fast in this moment
3. After letting go the button, LED is light constantly, which indicates code pairing successful.
4. If LED is not light which indicates code pairing failed without signal.

首先开启发射机上面的电源开关和接通接收机上的电源

1. 接收机上的LED灯慢慢闪烁。
2. 按着接收机上的对频开关4-6秒钟，此时LED灯是快速闪烁。
3. 放手后，LED灯是恒亮的，表示对频成功。
4. 如果接收机上LED灯不亮，表示没有信号。



Note: It is no need to re-bind because the helicopter was code pairing successful at factory

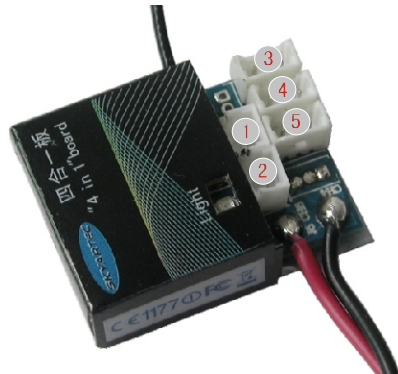
产品出厂时已经对好频，玩家无需再对，接通发射机和接收机电源就可以使用。

4 in 1 board 四合一板介绍:

Four in one board mainly feature:

四合一板主要特性:

- 1、Support SKY-G01、SKY705 radio controller
支持SKY-G01、SKY705遥控器
- 2、Adjust mix control rate in terms of different motors
可以根据不同电机调整混控比



- 1: 3CH Throttle ESC (Brushed)
- 2: 4CH Rudder servo (Brushed)
- 3: 1CH Aileron servo
- 4: 2CH Elevator servo
- 5: 3CH Throttle ESC (Brushless)

- ①: 3通道电调油门 (碳刷)
- ②: 4通道尾翼舵机 (碳刷)
- ③: 1通道副翼舵机
- ④: 2通道升降舵机
- ⑤: 3通道电调油门 (无刷)

Flight Procedure 飞行操作步骤

Before Flying:

- 1、remove off the canopy
- 2、turn on the transmitter, push the throttle at the top point
- 3、put the battery to the battery holder, connect it to the helicopter
- 4、light of four in one board flashes continuously, waiting 30 seconds
- 5、Push the throttle at the lowest point

After Flying:

- 6、take off the battery from the helicopter
- 7、Power off the transmitter
- 8、take out of the battery

起飞前:

1. 拆下机头罩
2. 打开遥控器电源, 将油门操纵杆拨到最上面的位置
3. 把电池放入电池架, 接通电
4. 四合一板上的灯不断的闪, 等待半分钟
5. 把油门操纵杆拨到最下面的位置

飞行完成后:

6. 关闭直升机电源
7. 关闭遥控器电源
8. 取出电池

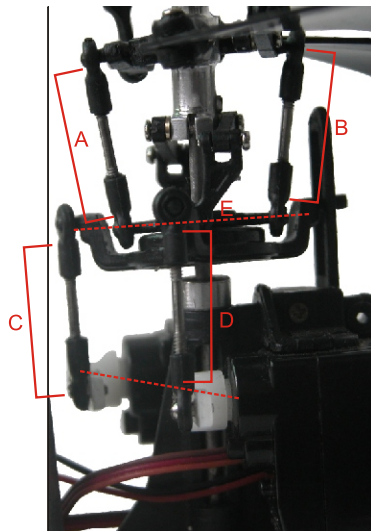
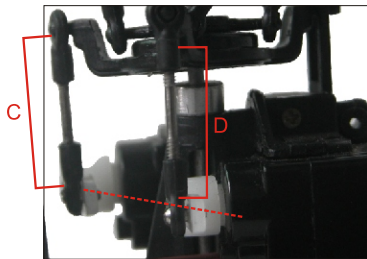
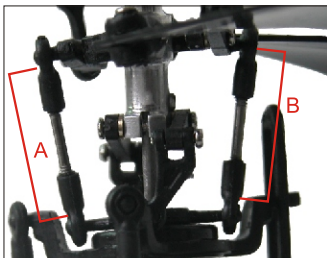
Push-rod Adjustment 拉杆调整

Connect to the battery, then make sure that the swashplate should be set horizontally ($E=180^\circ$)

接通电源时，十字盘呈水平状态 ($E=180^\circ$)

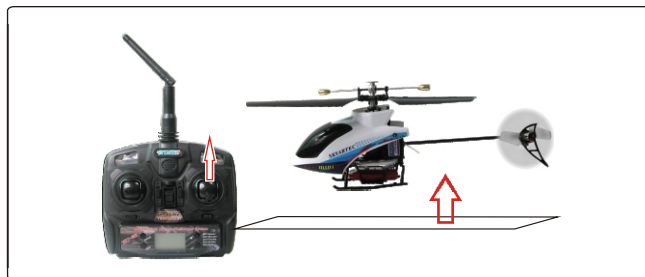
The length of the servo push rod A, B and C are the same (shown as the left picture, $A=B=C$) Also, the servo arm should be set horizontally ($E=F=180^\circ$)

伺服器摆臂拉杆长度： $A=B$ 接通电源时，伺服器摆臂呈水平状态 ($C=D=E=180^\circ$)



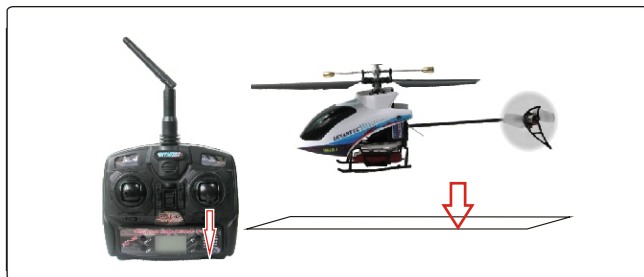
Test for the Helicopter and Transmitter 直升机与遥控器测试

Mode 1(Right throttle) 模式1(右手油门)



When the throttle stick is pushed forward, the helicopter lifts up.

当油门操作杆向上推动时，直升机上升。



When the throttle stick is pushed downward, the helicopter descends.

当油门操作杆向下推动时，直升机下降。



When the aileron stick is moved to the left, the helicopter moves to the left.

当副翼操作杆向左推动时，直升机飞向左边。



When the aileron stick is moved to the right, the helicopter moves to the right.

当副翼操作杆向右推动时，直升机飞向右边。



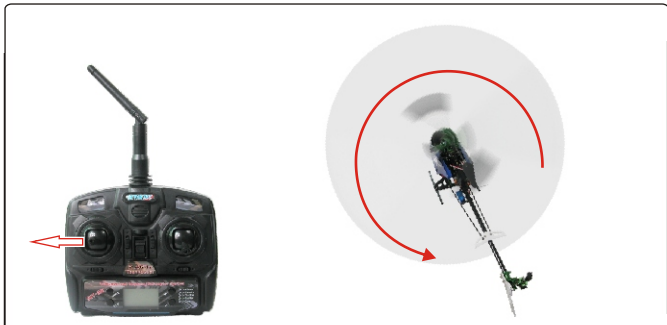
When the elevator stick is pushed forward, the helicopter flies forward.

当升降操作杆向上推动时，直升机向前飞。



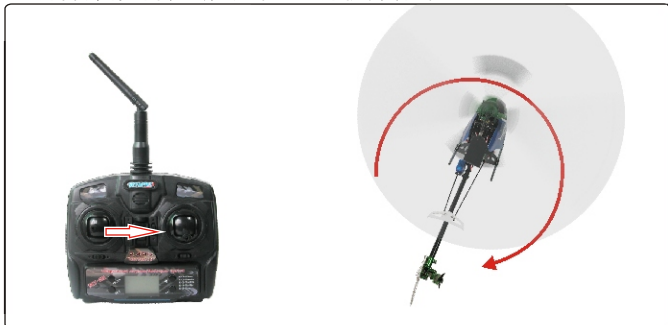
When the elevator stick is pushed downward, the helicopter flies backward.

当升降操作杆向下推动时，直升机向后飞。



When the rudder stick is moved to the left, the head of helicopter moves to the left.

当方向操作杆向左推动时，直升机机头向左转。



When the rudder stick is moved to the right, the head of helicopter moves to the right.

当方向操作杆向右推动时，直升机机头向右转。

Mode 2(Left throttle) 模式2(左手油门)



When the throttle stick is pushed forward, the helicopter lifts up.
当油门操作杆向上推动时，直升机上升。



When the throttle stick is pushed downward, the helicopter descends.
当油门操作杆向下推动时，直升机下降。



When the aileron stick is moved to the left, the helicopter moves to the left.
当副翼操作杆向左推动时，直升机飞向左边。



When the aileron stick is moved to the right, the helicopter moves to the right.
当副翼操作杆向右推动时，直升机飞向右边。



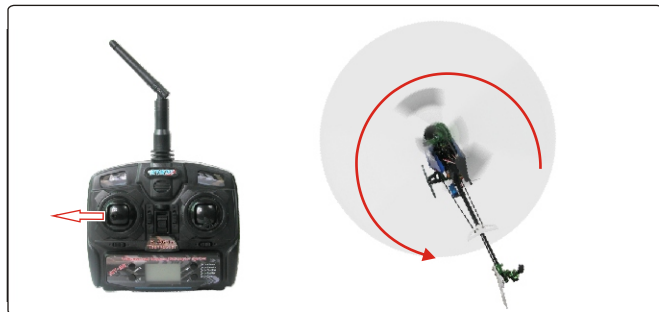
When the elevator stick is pushed forward, the helicopter flies forward.

当升降操作杆向上推动时,直升机向前飞。



When the elevator stick is pushed downward, the helicopter flies backward.

当升降操作杆向下推动时,直升机向后飞。



When the rudder stick is moved to the left, the head of helicopter moves to the left.

当方向操作杆向左推动时,直升机机头向左转。



When the rudder stick is moved to the right, the head of helicopter moves to the right.

当方向操作杆向右推动时,直升机机头向右转。

Battery and Charger use 电池和充电器的使用

- 1、Connect the charger to the power supply, the Green LED glow
- 2、Connect the battery into charger, the Red LED glow
- 3、Battery is charging when charger glow Red, when turn to Green, which indicates the battery is full charged.

- 1、连接好充电器和电源线，此时亮绿灯。
- 2、将待充电电池接入充电器接口，此时亮红灯。
- 3、充电器亮红灯，正在为电池充电，亮绿灯则说明电池已充满。



Warning: the longest time of charging can not exceed 120 minutes.
警告: 充电时间最长不能超过120分钟。

Safety guideline of Lithium Polymer batteries 锂电池使用安全准则

Lithium Polymer batteries are significantly more volatile than the alkaline, All instructions and warnings must be followed exactly, Mishandling of LI-PO battery can result in fire.

锂电池比起碱性的电池能量挥发更强，务必要了解说明和警告，对锂电池的误操作可能导致火灾。

By handling, charging or using the included Li-Po battery you assume all risks associated with lithium battery. if you do not agree with these conditions, return your complete airplane model in new, unused condition to the place of purchase immediately.

通过操作，充电或者使用锂电池，您要承担所有与电池相关的风险。如果您不同意这些条款，请立即将您的飞机模型在全新的、未使用的情况下，退回到购买点。

Do not charge the battery during installing the helicopter

不要在组装飞机的时候给电池充电

After flight, the battery must be cooled to ambient temperature before charging.

飞行后，电池务必要冷却到环境温度，才能重新充电，否则可能引起火灾，导致个人受伤或财产损失。

Please keep the charger and battery away from any flammable materials, while charging.

充电器充电时应放在干燥通风处，远离热源，远离易燃易爆物品。

In order to ensure you can quickly and safely charge, please use the battery from SKYARTEC original factory.

为了您更安全快捷的充电，请使用SKYARTEC原厂的电池。

Care and maintenance 维护与保养

Always remove the batteries from the wireless infrared remote control when it is not being used for an extended period of time

当飞机没有使用时，请将电池取出

To clean, gently wipe the remote control and helicopter with a clean cloth.

请用干净的布清洁飞机及遥控器

Keep it away from direct heat.

远离热源

Do not submerge the helicopter into water. This can damage the unit beyond repair.

请勿将飞机放入水中，否则将损坏零件

Note: The specification of all kinds of spare parts, the materials or the packing contents in this WASP 100 mini helicopter instruction manual are just for your reference only. But other notice is not required if there is any change on the manual. And our company will not take initiative to inform our customer, the products of any changes or updates. Please refer to our company website mainly.

Website address: www.skyartec.com

备注：本说明书里面的各种零件之规格、材质或内容仅供参考。本公司将不对此印刷物之类负责，也无法主动通知到消费者。本产品有任何变动或更新时，请以本公司官网（<http://china.skyartec.net>）为主。

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

NOTE: 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.



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