INSTRUCTION MANUAL

用户手册

2.4 GHz 01010101

TRANSMITTER PARAMETERS

Specifications:

- channels : 140channels
- model type : car/boat;
- RF power : less than 20dbm
- modulation : GFSK;
- Code type : digital;
- sensitivity : 1024;
- low voltage warning : yes (less than 9W);
- DSC port : yes (3.5mm);
- Charger port : yes;
- power : 12vdc (1.5aa*8);
- weight : 328g;
- ANT lenth : 26mm;
- size : 159*99*315mm;
- color : black;
- certificate : CE FCC;

1.通道数：2个通道；
2.适合机种：车，船；
3.发射功率:小于20dbm；
4.调制方式：GFSK；
5.编码方式：数字；
6.数据分辨率：1024级；

7.低电压报警功能:有(低于9伏后)；
8.数据输出接口:有(3.5音频接口)；
9.充电接口：有（内正外负）；
10.电源标准:12VDC(1.5AA*8)；
11.整机重量：328g;
12.天线长度：26mm;
13.外型尺寸：159*99*315mm;
14.外观颜色：黑色；
15.认证:CE FCC；

CE ROHS 14+ FC

Thank you for choosing 2.4 G ratio remote control digital products, if you are the first time to use this type of products, please read this statement carefully and strictly in accordance with the requirements of operation. You could refer to the Manual if you meet any problems during the operation . Please well keep the manual after use because you might have to use it again next time.   Once again, thanks for buying our products, If you found any problems during the operation process, please refer to the manual. If the problem still exist, you could contact our dealers to found out the way to solve.

　　非常感谢您选择使用我们的2.4G数码比率遥控产品，如果您是第一次使用该类型产品，请您在使用之前先仔细阅读此说明书，并严格按说明要求进行操作。在操作过程中您如果有遇到问题同样可以查看说明书。说明书在使用完后请您妥善保管好说明书以备后用。再次感谢您使用我们的的产品，并希望它能给您带来快乐。
如果您在使用过程中发现有问题，请您第一时间先查看说明书。问题如果还不能解决。您可以跟我们的经销商联系解决。

FRONT

1

SIDE

① CONTROL BOX	② 2.4G ANT
③ STEERING WHEEL	④ THROTTLE TRIGGER
⑤ BAT BOX	⑥ ST TRIM
⑦ POWER SW	⑧ POWER CHECK
⑨ BIND	⑩ D/R

receiver parameters

2.4 Hz

NO.:03020

A. channels : 140channels
B. model type : car/boat;
C. frequency bank : 2.4G
D. modulation : GFSK;
E. sensitivity : 1024;
F. RF. receiver sensitivity : -100dbm
G. power : 4.5-6vdc;
H. weight : 5g;
I. ANT lenth : 26mm;
J. size : 37.6*22.3*13mm;
K. color : gray semi-transparent;
L. certificate : CE FCC;

1.通道数 140 个通道;
2.适合机种: 车, 船;
3.频率: 2.4G;
4.调制方式: GFSK;
5.数据分辨率: 1024级;
6.接收灵敏度: -100dbm;
7.电源: 4.5-6伏;
8.整机重量: 5g;
9.天线长度: 26mm;
10.外型尺寸: 37.6*22.3*13mm;
11.外观颜色: 灰色透明;
12.认证:CE FCC;

Install the batteries to the transmitter

Insert the eight "AA" batteries to the battery compartment on the bottom of the transmitter.

Battery Precaustions:

1.In order to maintain good performance, we warmly recommend you to use the 1.5V alkaline batteries instead of the 1.2 V chargeable batteries.

2.The batteries may leak in the event that they are installed with wrong polarities.

3.Do not use batteries of different types.

4.Do not mix old and new batteries.

5.Do not leave the batteries if not in use for a long period of time.

To open the battery door

To close the battery door ➡

Please pay attention to the following symbols when it appears on the manual,and read carefully.
此说明书中有如下符号的地方请您特别注意，并仔细阅读。

Danger: If the operator does not operate by following the instructions,the operator may lead to serious injuries, even Mortal danger.
如果操作者不按正常操作方法操作，可能导致操作者严重受伤，甚至致命危险！
⚠

Warning: If the operator does not operate by following the instructions,the operator may lead to serious injuries, even Mortal danger.
如果操作者不按正常操作方法操作,可能导致操作者严重外伤,重伤或者致命情况!
⚠

Attention: If the operator does not operate by following the instructions,the operator may lead to minor injuries, but generally it will not cause serious injuries to the operator.
如果操作者不按正常操作方法操作,可能会导致操作者轻伤,但一般不会对操作者造成重伤!
⚠

SAFTY GUIDES

⚠ **Warning** 警告   🚫 **Prohibition** 禁止   ❗ **Mandatory** 强制

🚫 Do not fly in bad weather such as rainy or thundering to assure the safety of you and others.
请您不要在夜晚，刮风或下雨时使用，因为这样的天气环境会对遥控设备产生干扰，从而导致失控而产生意外!

❗ Before you fly, please make sure the movement of server are correspond with the direction of joystick. If inconsistent, please adjust before fly.
在飞行前，请您务必先检查伺服器的各项动作是否与对应操纵杆的方向一致,如果不一致,请调整后再使用。

❗ You need to turn the throttle channel(ch2) and inching switch to the lowest before You use. Then switch on the transmitter power ,finally connect the receiver.
开机使用时请您务必先将油门通道（CH2）及微调置最低端。然后打开发射机电源并检查电源电量，再接通接收机电源。

❗ The sequence to shut down is that turn off the receiver power first, and then the transmitter power.
If the above operations are reverse, it might lead to uncontrolled and cause Accident.
停止使用前请您先关闭接收机电源然后关闭发射机电源。
以上操作如果反向,可能对致失控,从而产生意外!

1   **2**

Matching (code）

Our products are well matched in the factory, you do not need to match by yourself. But if your are going to match the receiver with other transmitter, or you need to change a new receiver or transmitter, please follow the following steps:

A. Install the battery to 2.4G transmitter and shut it down.
B. Insert the matching lines to the channel BIND／CH3 port of the receiver. （Figure 1）。
C. Connect the receiver battery to VCC port of the receiver, on the same time the two LED are flashing and this means the receiver are going to the match status.
D. Press and hold the button on the transmitter, and then switch on the power supply.
E. Observe the LED on the receiver, if found that the LED is not flash anymore and that means successful Matched. （This process about 5s ）
F. Release the match button on the transmitter, take out the match line.
G. Install the server and then test.
H. If the tests fail, please repeat the action above.
I. If the tests success, then insert the power supply port into VCC, match complete.
(The above ways of match is only suitable on FLYSKY 2.4G products)

　　我们的产品在出厂前以经过配对，您无需做配对动作便可使用。但如果您要将接收跟另外的发射机进行配对使用，或者您要更换新的接收机或者发射机，请您按如下的步聚进行；

注:我们的接收发射系统,不跟其它品牌兼容!
1.将2.4G发射机装好电池，并关闭发射机。
2.将接收机电池插入接收机的VCC通道接口，此时可看到接收机的LED在闪烁,此表示接收机进入配对状态。
3.将发射机上的配对键(BIND)按住，然后打开发射机电源开关。（注：不要松开按键）。
4.现察接收机上的LED,如果发现LED不再闪烁表示配对成功.(注:此过程大约时间为5S左右）.
5.松开发射机上的配对按键、拔掉接收机上的配对线.
6.将伺服器装上并通电测试.
7.如果测试NG,则重复以上动作.
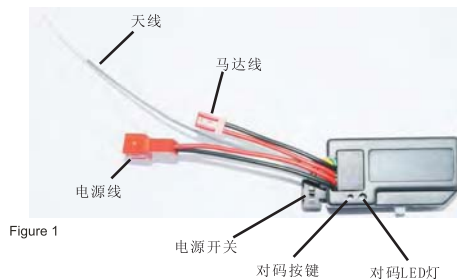8.如果测试OK，则将电源接头插入VCC，配对完成。
注:以上配对方法,仅适合于FLYSKY的2.4G产品。

power on:

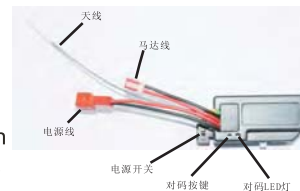A. Connect every part.
B. Switch on the power supply.
C. Connect the power supply.
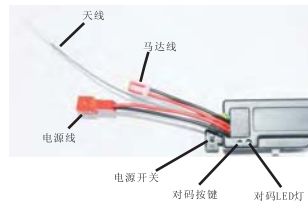D. Receive LED light solid.
E. Finish and use.

1.将各部件连接好；
2.打开发射机电源开关；
3.连通接收机电源；
4.接收机LED恒亮；
5.使用.

Tx power ON

Power on

天线
马达线
电源线
电源开关
对码按键
对码LED灯

Shut down：

A. Cut off the receiver power supply.
B. Cut off the transmitter power supply.

1.关闭接收机的电源；
2.关闭发射机的电源.

Shut down

天线
马达线
电源线
电源开关
对码按键
对码LED灯

Tx power off

Bind key
对码按钮

天线
马达线
电源线
电源开关
对码按键
对码LED灯

Figure 1