

**Quick Start Guide**  
快速操作指南

**FS-TH9X**



感谢您购买我们的产品！欲知更多信息，请浏览以下官方网站：[www.flysky-cn.com](http://www.flysky-cn.com)。如果您在使用中遇到任何问题，请先查阅发射机帮助菜单或使用说明书。如果问题仍未得到解决，请直接联系当地经销商或者联系客服人员：[flyskycr@flysky-cn.net](mailto:flyskycr@flysky-cn.net)

**注意事项！**

开始操作前请务必阅读以下安全信息！

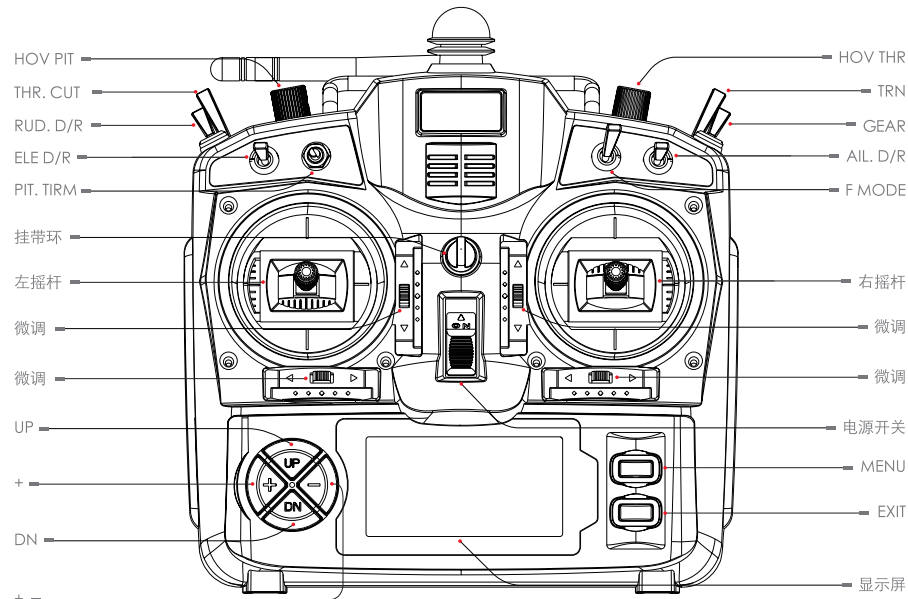
- 请不要在夜晚或雷雨天气使用本产品，恶劣的天气环境有可能导致遥控设备失灵。
- 请不要在能见度有限的情况下使用本产品。
- 请不要在雨雪或有水的地方使用本产品。如果有液体进入到系统内部，可能会导致运行不稳定或设备失灵。
- 信号干扰可能导致设备失控。为保证您和他人的安全，请不要在以下地点使用本产品：



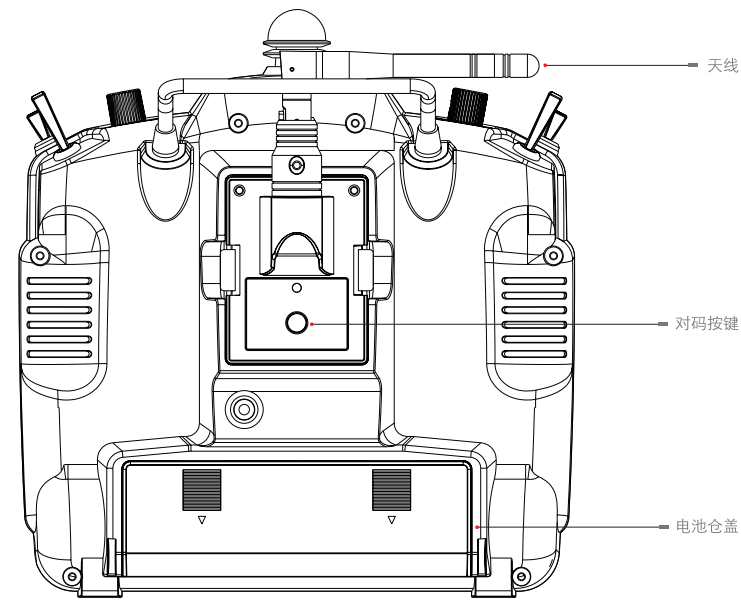
- 当你感到疲倦、不舒服，或在摄入酒精或吸食导致麻醉或兴奋的药物后，不要操作本产品，否则可能对自己或他人造成严重的伤害。
- 2.4GHz 无线电波段完全不同于之前所使用的低频无线电波段。使用时请确保模型产品在您的视线范围内飞行，大的障碍物将会阻断无线电频率信号从而导致遥控失灵模型失控。
- 在使用过程中，严禁紧握发射机天线，否则将会大大减弱无线电传播信号的质量和强度，导致遥控失灵模型失控。
- 在操作或使用模型后，请勿触摸任何可能发热的部位，如发动机、电机、定速设定等。这些部件可能非常热，容易造成严重的烧伤。
- 遥控设备使用不当可能导致操作者或他人严重受伤，甚至死亡。为保证您和设备的安全，请仔细阅读使用说明书并按照要求进行操作。
- 使用前必须确保本产品与模型安装正确，否则可能导致模型发生严重损坏。
- 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。
- 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。
- 当遥控距离持续较远时，有发生失控的可能。请适当缩短遥控的距离。
- 安装发射机的天线必须提供距离所有人员至少 20 厘米的间隔距离，不能与其他发射机并置或操作。必须将天线安装说明和满足射频信号辐射的发射机操作条件提供给终端用户和安装人员。
- 特此，【Flysky Technology co., Ltd】声明无线电设备【FS-TH9X】符合 RED2014/53/EU。
- 欧盟 DoC 声明全文可在以下互联网地址：[www.flysky-cn.com](http://www.flysky-cn.com) 获取。

**发射机概览**

▶ 前视图：



▶ 后视图：



**基本操作**

▶ 电池安装

- 打开电池仓盖。
- 将 8 个电量充足的 AA 电池装入电池仓内，确保电池上的金属端子与电池仓内的金属端子相接。
- 盖好电池仓盖。

▶ 开机

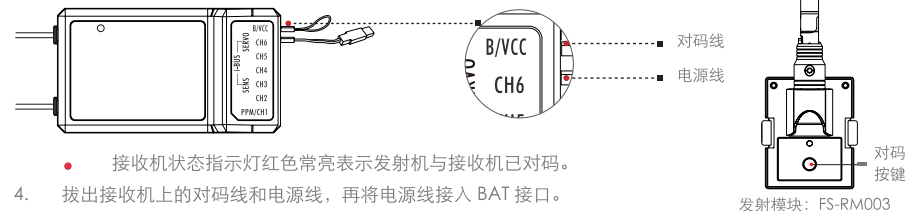
- 检查系统状态，确保：
  - 电池有电；
  - 所有开关向上，油门摇杆最低；
- 向上拨动发射机的电源开关，当发射机显示屏亮起时，表示已开机；

⚠ 此时系统已启动，请谨慎操作，否则可能导致产品损坏或人员伤亡。开机时，请将所有钮子开关向上，否则系统会提示“switch error!”。

▶ 对码

本发射机和接收机在出厂前已对码成功。如果您需要对码，请按照如下步骤进行对码：

- 将高频头 FS-RM003 装入遥控器内。
- 长按高频头对码按键，同时打开发射机电源开关进入对码状态。
- 将对码线连接至接收机 BIND 接口，并连接电源。



- 接收机状态指示灯红色常亮表示发射机与接收机已对码。

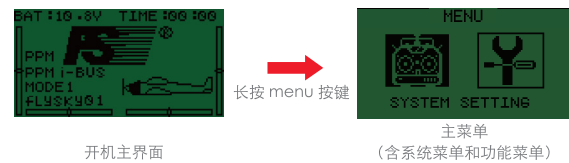
⚠ 此步骤仅适用于 FS-TH9X 发射机与 FS-IA6B 接收机对码，不同的接收机进入对码状态的方式不同。进入 FLYSKY 官网查询接收机说明书或其他相关资料进行操作。

▶ 关机

- 断开接收机电源。
- 关闭发射机的电源开关，发射机显示屏黑屏后表示发射机电源关闭。

⚠ 关闭前，请务必先断开接收机电源，然后关闭发射机。如果强行关闭发射机，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。

**选择菜单**



▶ 选择菜单

- 在主界面状态下，长按“MENU” 按键进入主菜单界面。
- 短按“UP”或“DOWN” 按键选择【SYSTEM SETTING】或【FUNCTION SETTING】。
  - 使用“UP”或“DOWN” 按键时，菜单选项会进行切换，黑色矩形框标示的菜单指示当前选项。
- 短按“MENU” 按键进入【SYSTEM SETTING】或【FUNCTION SETTING】。
  - 短按“EXIT” 按键返回上级菜单。

▶ 长按和短按的区分

长按：持续按键 3 秒以上。  
短按：持续按键不超过 1 秒。

**规格参数**

通道个数	8
适合机种	固定翼 / 滑翔机 / 直升机
频率范围	2.408-2.475 GHz
发射机功率	≤ 20 dBm
波段个数	135
波段宽度	500 KHz
2.4GHz 模式	AFHDS 2A
编码方式	GFSK
通道分辨率	1024
低电压报警	< 9V
充电接口	有
天线长度	26mm
输入电源	12V DC 1.5AA*8
机身重量	690 克
显示方式	STN 半透显, 128*64 点阵 VA 73*39mm LCD 白色
外形尺寸 (长 x 宽 x 高)	190 * 112 * 257 mm
外观颜色	黑色
在线更新	无
认证	CE, FCC



Thank you for purchasing our product! To find out more about our products, visit our website at [www.flysky-cn.com](http://www.flysky-cn.com). If you encounter any problems during use, refer to the transmitter's on-board help files or instruction manual first. If the problem persists, contact your local dealer or contact us by email at: [flyskyrcc@flysky-cn.net](mailto:flyskyrcc@flysky-cn.net)

**Precautions !**

Read the safety messages listed below before operation!

- Do not use the product at night or during bad weather conditions, like rain or thunderstorms. It can cause erratic operation or loss of control.
- Do not use the product when visibility is limited.
- Do not expose the product to rain or snow. Any exposure to moisture (water or snow) may cause erratic operation or loss of control.
- Interference may cause loss of control. To ensure the safety of you and others, do not operate in the following places:



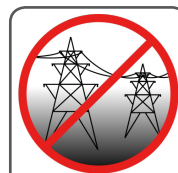
Near any site where other radio control activity may occur



Near people or roads



On any pond/lake when passenger boats are present

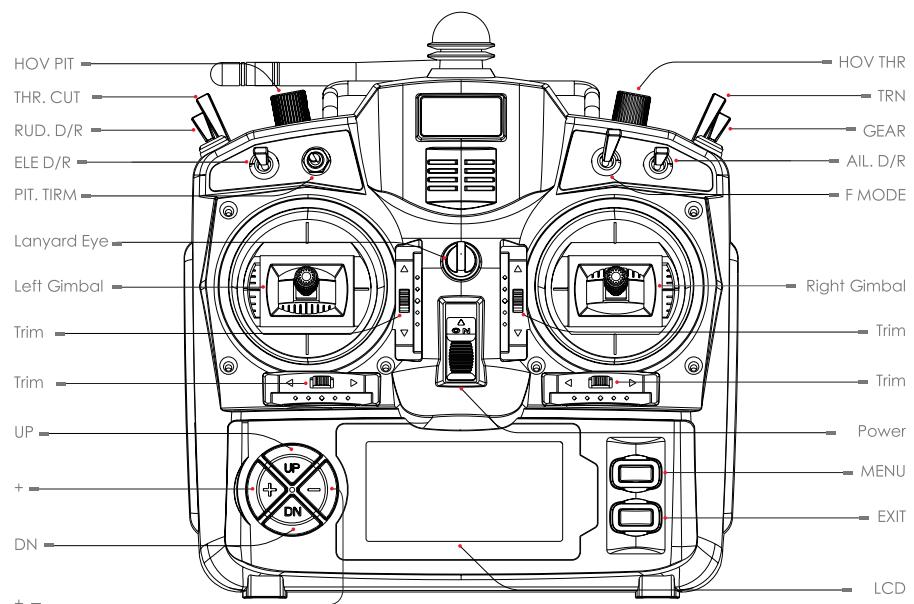


Near power lines or communication broadcasting antennas

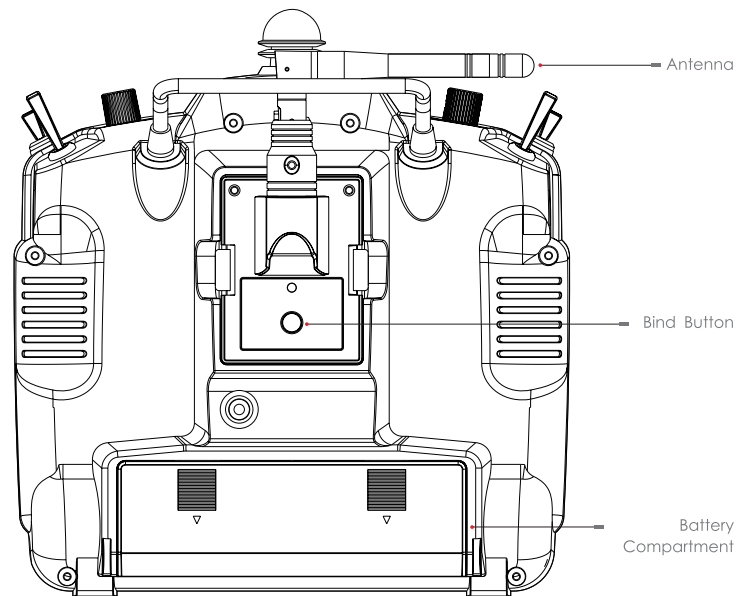
- Do not use this product when you are tired, uncomfortable, or under the influence of alcohol or drugs. Doing so may cause serious injury to yourself or others.
- The 2.4GHz radio band is limited to line of sight. Always keep your model in sight as a large can block the RF signal and lead to loss of control.
- Never grip the transmitter antenna during operation. It significantly degrades signal quality and strength and may cause loss of control.
- Do not touch any part of the model that may generate heat during operation, or immediately after use. The engine, motor or speed control, may be very hot and can cause serious burns.
- Misuse of this product may lead to serious injury or death. To ensure the safety of you and your equipment, read this manual and follow the instructions carefully.
- Make sure the product is properly installed in your model. Failure to do so may result in serious injury.
- Make sure that the receiver's battery is disconnected before turning off the transmitter. Failure to do so may lead to unintended operation and cause an accident.
- Ensure that all motors operate in the correct direction. If not, adjust the direction first.
- Make sure that the model stays within range in order to prevent loss of control.
- The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other transmitter. End-users and installers must be provided with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.
- Hereby, [Flysky Technology co., Ltd] declares that the Radio Equipment [FS-TH9X] is in compliance with RED 2014/53/EU.
- The full text of the EU DoC is available at the following internet address: [www.flysky-cn.com](http://www.flysky-cn.com)

**Transmitter overview**

► Front view:



► Rear view:



**Basic operations**

► Install the battery

- Remove the battery compartment cover.
- Insert 8 fully-charged AA batteries into the compartment. Make sure that the batteries make good contact with the battery compartments' contact, with the correct polarity.
- Replace the battery compartment cover.

► Power on

- Make sure that the receiver is powered off, correctly installed and the battery is fully charged.
- Toggle the transmitter's power switch to its on position.
- Connect the receivers' power supply.

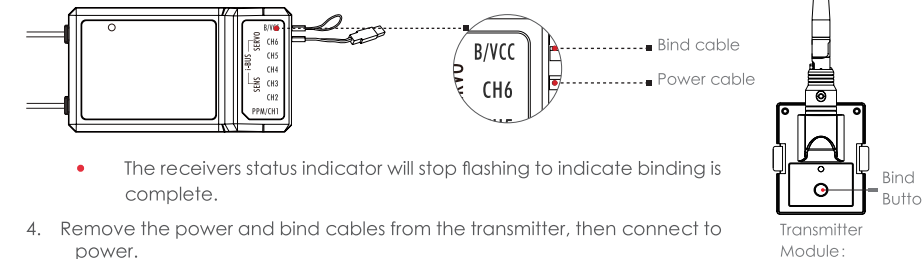
! Take great caution when using this product in order to avoid damage our injury.

If switches are not set to their high position or the throttle is not at its lowest position the system will give the following error: "switch error!"

► Bind with receiver

The transmitter and receiver have been pre-bound before delivery. If you are using another transmitter or receiver, follow the steps below to bind the transmitter and receiver:

- Install FS-RM003 into the back of the transmitter.
- Press and hold the transmitter modules bind button and turn on the transmitter.
- Insert the bind cable into the receivers bind port, then apply power.



The receivers status indicator will stop flashing to indicate binding is complete.

- Remove the power and bind cables from the transmitter, then connect to power.

! This process is only for the FS-TH9X and FS-iA6B, other transmitters have different binding instructions..

► Power off

- Turn off the receiver.
- Move the transmitters power switch to its off position.

! Make sure to disconnect the receiver's power to before turning off the transmitter. If you turn off the transmitter forcefully (by removing the battery), it may lead to unintended operation and cause an accident.

**Menu**



Home Screen

Press and hold the menu key



Main menu (Included system and function settings)

► Usage:

- Press and hold the "MENU" key to enter the main menu.
- Use the "UP" and "DOWN" buttons to select "SYSTEM SETTING" or "FUNCTION SETTING".
  - The currently selected option will be highlighted.
- Press the "MENU" key to enter the selected menu.
  - Press the "EXIT" key to return to the previous menu.

**Specifications**

Channels	8
Model type	Fixed-wing/Glider/Helicopter
RF range	2.408-2.475 GHz
RF power	< 20 dBm
RF channel	135
Bandwidth	500 KHz
2.4GHz system	AFHDS 2A
Modulation type	GFSK
Stick resolution	1024
Low voltage alarm	Lower than 9V
Chargeable	Yes
Antenna length	26mm
Power input	12V DC 1.5AA*8
Weight	690g
Display	Transflective STN Positive Screen , 128 * 64 pixels, VA73 *39mm
Size	190 * 112 * 257mm
Color	Black
On-line update	None
Certificate	CE, FCC



**Digital Proportional Radio Control System**



FCC ID : N4ZFLYSKYTH9X

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