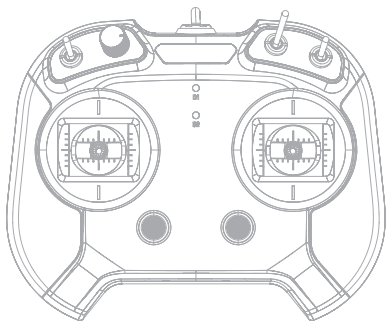


Quick Start Guide  
快速操作指南

SM001

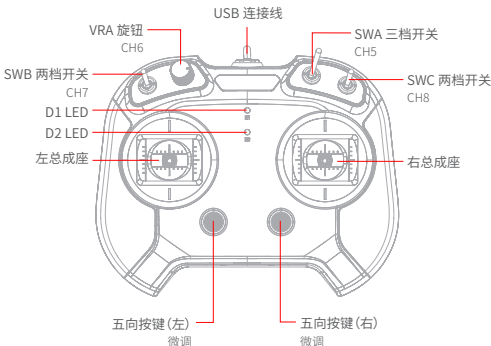


产品简介

本模拟器有 6 通道和 8 通道两个版本,兼容 FMS、XTR5.0、PhoenixRC、G7 等多款模拟器软件,兼容 XP、WIN10 等 32 位或 64 位操作系统,适配固定翼、直升机、滑翔机等多款模型,支持左右手油门切换。本模拟器摇杆控制精度佳,通过使用本模拟器,可以模拟真实控制模型操作及相关功能设置,熟悉模型的一些高难度动作的操作练习,让您体验从未有过的飞行乐趣。

注:如果您在使用中遇到任何问题,请先查阅模拟器使用说明书。如果问题仍未得到解决,请直接联系当地经销商。

模拟器概览



注:仅 8 通道模拟器有 SWB 和 SWC 开关。

基本操作

► 模拟器通电 / 断电

将模拟器的 USB 连接线接入 PC 或笔记本电脑的 USB 接口实现模拟器通电;拔掉 USB 连接线即断电。

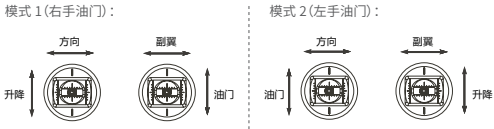
► 模拟器 LED 指示灯介绍

红色 D1 LED 用于指示模拟器通信状态;绿色 D2 LED 用于指示模拟器功能状态。具体如下图所示:

LED 指示灯状态		模拟器状态
D1 LED	快闪	USB 功能异常
	慢闪	USB 功能正常, PPM 信号正常
	常亮	USB 功能正常, PPM 信号异常
D2 LED	快闪	摇杆校准
	一闪一灭	左右手油门切换状态下: 模式 1 (右手油门) 模拟器软件切换状态下: Reflex XTR (默认软件)
	两闪一灭	模拟器软件切换状态下: G3-G4.5
	三闪一灭	左右手油门切换状态下: 模式 2 (左手油门) 模拟器软件切换状态下: APD
	四闪一灭	模拟器软件切换状态下: PhoenixRC
	常亮	正常
	快闪一次	微调值到中位
	快闪 3S	微调复位成功

► 摇杆模式

本款模拟器支持两种摇杆模式: 模式 1 (右手油门) 和模式 2 (左手油门)。两种模式展示如下:



可根据操作习惯选择摇杆模式,若需要切换摇杆模式,则依如下步骤操作:

- 按下模拟器的两个微调按键中键,同时接通模拟器电源,此时模拟器进入切换摇杆模式;
- 短按左边五向按键的中键,可循环切换油门模式,不同指示灯状态对应不同的油

门模式,具体参考 LED 指示灯状态表。

- 短按右边五向按键的中键退出切换摇杆模式。

注:

- 油门摇杆默认不回中,若切换为右手油门时,仍需油门摇杆不回中,则需交换左右总成座,具体步骤操作请参考模拟器说明书;
- 若只交换左右总成座,未切换摇杆模式,则微调对应性保持出厂状态。

► 摇杆校准

校准模拟器的油门、方向、副翼和升降四通道,依如下步骤进入校准模式:

- 将两个摇杆打到左下角,同时接通模拟器电源,此时模拟器进入校准模式,D2 LED 灯快闪;
- 将左右摇杆按上、下、左、右方向打到最大和最小行程处;
- 将左、右摇杆置于中位,短按左边或右边五向按键的中键退出。若校准成功,D2 LED 灯常亮;若校准失败,D2 LED 灯快闪。

► 微调复位

可复位微调至中位,依如下步骤操作:

按下左边五向按键的中键,同时接通模拟器电源,可将微调调回到中位,复位成功后 D2 LED 快闪 3S 提示。

► 模拟器软件切换

切换模拟器适配的模拟软件,依如下步骤操作:

- 将左摇杆打到左下角,同时接通模拟器电源,此时模拟器进入软件切换模式,D2 LED 灯不同状态对应不同的软件,具体参考 LED 指示灯状态表,默认软件为 Reflex XTR;
- 短按左边五向按键的中键,可循环切换模拟软件;
- 短按右边五向按键的中键退出模拟器软件切换模式。

注:

- 本产品不含光盘,可到互联网下载模拟软件,部分软件需付费购买下载;
- 模拟软件下载链接:
  - 凤凰: <http://www.fw450.com/simulator-tutorial/>
  - Reflex XTR: <https://www.reflex-sim.net/download>
  - Aerofly: <https://www.aerofly.com/>



Release date: 2023-04-04

SM001

规格参数

产品型号	SM001
适配模拟软件	APD、Aerofly、Reflex XTR 5.0、G3/G3.5/G4/G5/G6/ G7、PhoenixRC 2.0/3.0S/4.0M/5、FMS 等
适配模型	直升机、固定翼、滑翔机、3D 特技机、穿越机等
通道个数	6 (8)
适配操作系统	XP、WIN7、WIN8、WIN10、WIN11 等 32 位、64 位系统 (台式机或笔记本)
输入电源	4~5.5V/DC(USB 线直接供电)
工作电流	26mA/5V
数据输出	USB
在线更新	无
外形尺寸	166.8*132.7*66.3mm
USB 线长	1.2m
左右手切换	支持
微调调节	支持
摇杆校准	支持
温度范围	-10°C ~ +60°C
湿度范围	20% ~ 95%
机身重量	约 250g
认证	CE, FCC, UKCA

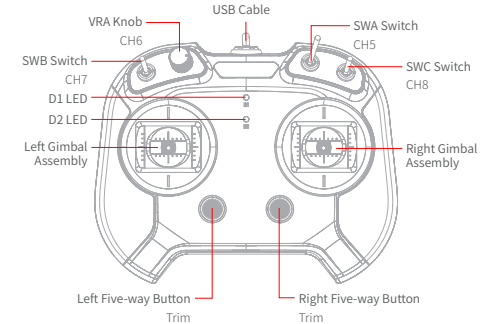
Manufacturer: ShenZhen FLYSKY Technology Co., Ltd.  
Address: 16F, Huafeng Building, No. 6006 Shennan Road, Futian District, Shenzhen, Guangdong, China

## Introduction

This simulator includes 6-channel and 8-channel editions. It is compatible with FMS, XTR5.0, PhoenixRC, G7 and other simulator software. The simulator is also compatible with 32-bit or 64-bit XP, WIN10, and so on. It is adaptable to fixed-wing aircraft, helicopters, gliders and other models. The simulator supports gimbal assembly swapping. This simulator features good control precision of stick. By using this simulator, you can simulate the real control model operations and related function settings, and get familiar with some difficult operation practice of the model. As a result, you can experience the flying fun.

Note: If you encounter any problems during using, please refer to the manual first. If the problem is still not resolved, contact your local dealer directly.

## Simulator Overview



Note: The SWB and SWC switches are for the simulator which includes 8-channel.

## Basic Operations

### ► To Power On/Off the Simulator

Connect the USB cable of the simulator to the USB port of PC or laptop to power on the simulator. To power it off, unplug the USB cable.

### ► Simulator LED Introduction

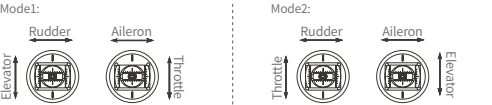
The red D1 LED indicates the communication status of the simulator. The green D2 LED

indicates the function status of the simulator. The details are as follows:

LED Status		Simulator Status
D1 LED	Flash Rapidly	USB function is abnormal.
	Flash Slow	USB function is normal. PPM signal is normal.
	Solid On	USB function is normal. PPM signal is abnormal.
D2 LED	Flash Rapidly	Stick calibration
	One-flash-one-off	Gimbal assembly swapping state: Mode1 (Throttle is at the right gimbal.) Simulator software switching state: Reflex XTR (This is the default software.)
	Two-flash-one-off	Simulator software switching state: G3-G4.5
	Three-flash-one-off	Gimbal assembly swapping state: Mode2 (Throttle is at the left gimbal.) Simulator software switching state: APD
	Four-flash-one-off	Simulator software switching state: PhoenixRC
	Solid On	Normal
	Flash Once Rapidly	The trim reaches the neutral position.
	Flash Rapidly For 3S	Reset the trims to neutral position.

### ► Changing Stick Mode

This simulator supports two stick modes: Mode 1 and Mode2. These two modes are shown as follows:



You can choose the stick mode according to your operating habits. To switch the stick mode, follow the steps below:

1. Press and hold the Middle button of the two trim buttons (Five-way Button) of the simulator and turn on the simulator at the same time. At this time, the simulator enters the stick switching mode.
2. Press the Middle button of the left trim button (Five-way Button) to switch the throttle mode cyclically. Different LED states correspond to different throttle modes. See the LED status table.
3. Press the Middle button of the right trim button (Five-way Button) to exit the stick switching mode.

Notes:

1. By default, the throttle stick is non-self-centering. If you switch to the mode 2 and want to keep the throttle stick as non-self-centering, then swap gimbal assembly. For details, see the simulator manual;
2. If you swap between the left and right gimbal assemblies only without switching the stick mode, the both trim buttons remain the factory settings, namely keep unchanged.

### ► Stick Calibration

To calibrate the four channels of Throttle, Rudder, Aileron and Elevator of the simulator, follow the steps below to enter the calibration mode:

1. Hold the two sticks at the bottom left corner and turn on the simulator at the same time. At this time, the simulator enters the calibration mode. The D2 LED flashes rapidly.
2. Turn the left and right sticks to the maximum and minimum travel points according to the upward, downward, left, and right directions.
3. Put the left and right sticks at the neutral positions, then press the Middle button of the left or right trim button (Five-way Button) to exit. If the calibration is successful, the D2 LED will be solid on. If the calibration fails, the D2 LED will flash quickly.

### ► Trim Reset

To reset the trims to neutral position, follow the step below:

Press and hold the Middle button of the left trim button (Five-way Button), and at the same time, power on the simulator. As a result, reset the trims to neutral position. When the reset is successful, the D2 LED will flash fast for 3S.

### ► Switching Simulator Compatible Software

To select the compatible simulation software of the simulator, follow the steps below:

1. Hold the left stick at the bottom left corner and turn on the simulator at the same time. The simulator enters the software switching mode. Software varies with the states of the D2 LED. For details, see the LED status table. The default software is Reflex XTR.
2. Press the Middle button of the left trim button (Five-way Button) cyclically to switch the simulator software.
3. Press the Middle button of the right trim button (Five-way Button) to exit the simulator software switching mode.

Notes:

1. The product does not include CD, you can download the simulation software from the Internet, some software may pay for download;
2. Simulator software download link are as below, for your reference.
  - PhoenixRC: <http://www.fw450.com/simulator-tutorial/>

- Reflex XTR: <https://www.reflex-sim.net/download>
- Aerofly: <https://www.aerofly.com/>

## Specifications

Product Model	SM001
Number of Channels	6 (8)
Compatible Simulation Software	APD, Aerofly, Reflex XTR 5.0, G3/G3.5/G4/G5/G6/ G7, PhoenixRC 2.0/3.0S/4.0M/5, FMS, etc.
Compatible Model	Helicopters, fixed-wing aircraft, gliders, 3D special aircraft, racing drones, etc.
Compatible Operating System	XP, WIN7, WIN8, WIN10, WIN11 32-bit and 64-bit OS (desktop or laptop)
Input Power	4-5.5V/DC(Power supply directly through the USB cable)
Working Current	26mA/5V
Data Output	USB
Dimensions	166.8*132.7*66.3mm
Online Update	No
Length of USB cable	1.2m
Gimbals Assembly Swapping	Yes
Trim Adjustment	Yes
Stick Calibration	Yes
Weight	About 250g
Temperature Range	-10°C ~ +60°C
Humidity Range	20% ~ 95%
Certifications	CE, FCC, UKCA

## Certifications

### FCC Compliance Statement

This device 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.

Warning: changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

### EU DoC Declaration

We declare that this device is in compliance with the essential requirements and other relevant provisions of Directive 2014/30/EU.

### Environmentally Friendly Disposal

Old electrical appliances must not be disposed of together with the residual waste, but have to be disposed of separately. The disposal at the communal collecting point via private persons is for free. The owner of old appliances is responsible to bring the appliances to these collecting points or to similar collection points. With this little personal effort, you contribute to recycle valuable raw materials and the treatment of toxic substances.

### UKCA Compliance Statement

Satisfies all the technical regulations applicable to the product within the scope of UK Radio Equipment Regulations (SI 2017/1206); UK Electrical Equipment (Safety) Regulations (SI 2016/1101); and UK Electromagnetic Compatibility Regulations (SI 2016/1091).

