

Flysky SM100

Flysky SM100 RC Flight Simulator Cable Instruction Manual

Model: SM100

1. INTRODUCTION

This manual provides detailed instructions for the installation and operation of your Flysky SM100 RC Flight Simulator Cable. This cable is designed to connect your compatible Flysky remote controller to a personal computer for use with various flight simulator software, enhancing your RC flying skills in a virtual environment. The SM100 simulator cable supports a range of Flysky transmitters and is compatible with Windows operating systems. It converts the PPM signal from your transmitter into a format recognizable by flight simulator software.

2. SAFETY INFORMATION

- Ensure all connections are secure before powering on any devices.
- Do not expose the cable or adapters to moisture or extreme temperatures.
- This product is designed for use with Windows operating systems (including Windows 10). **It is NOT compatible with Mac systems.**
- Always handle your remote controller and computer with care.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 1 x USB Simulator Cable
- 2 x Adapter Cables (various connector types for compatibility)



Image 1: Flysky SM100 USB Simulator Cable and included adapter cables.

The package includes the main USB cable and two different adapter cables to ensure compatibility with various remote controller trainer ports.

4. SETUP GUIDE

4.1. System Requirements

- **Operating System:** Windows (including Windows 10). Not compatible with Mac systems.
- **Processor:** Intel Pentium 600 or above.
- **Graphics Card:** 32MB AGP-3D Graphics Card.
- **RAM:** 128MB RAM.
- **Hard Drive:** 10GB HDD or above.
- **Optical Drive:** 52X CD-ROM (if installing software from disc).

4.2. Software Installation

1. **Download Drivers:** Obtain the necessary drivers for the SM100 simulator cable from the official Flysky website or the provided software disc.
2. **Download FMS Software:** Download and install a compatible flight simulator software, such as FMS (Flight Model Simulator), VRC PRO, FPV Freerider, Aerofly RC 7, Next RC, Clearview RC, Betaflight, or DRL.

4.3. Connecting the Cable

1. **Connect Adapter to Transmitter:** Select the appropriate adapter cable for your Flysky remote controller's trainer port. Connect one end of the adapter cable to the trainer port on your transmitter.
2. **Connect USB Cable to Adapter:** Connect the 3.5mm jack of the main USB simulator cable to the other end of the adapter cable.
3. **Connect USB to PC:** Plug the USB end of the simulator cable into an available USB port on your computer. The red LED on the USB connector should blink rapidly, indicating a connection.



Image 2: Close-up of the USB connector and 3.5mm jack for PC connection.



Image 3: Example of a 5-pin DIN adapter for connecting to older Flysky transmitters.

4.4. Verifying Connection and Calibration

1. **Check Device Manager:** On your Windows PC, open 'Devices and Printers' or 'Device Manager'. The system should recognize the simulator cable as a 'PPM' device.
2. **Calibrate in Simulator Software:** Launch your chosen flight simulator software (e.g., ClearView). Navigate to the controller setup or calibration section. Select 'PPM' as the input device. Follow the on-screen instructions to calibrate your transmitter sticks and switches. This typically involves moving all sticks through their full range of motion and centering them.

Video 1: Tutorial on connecting the Flysky SM100 USB Flight Simulator Cable and calibrating it with simulator software.

5. OPERATING INSTRUCTIONS

Once the simulator cable is connected and calibrated, you can begin using your remote controller with the flight simulator software. The software will interpret your controller inputs as if you were flying a real RC model.

- Familiarize yourself with the simulator's controls and settings.
- Practice basic maneuvers, take-offs, and landings to build muscle memory and improve coordination.
- Experiment with different aircraft models and flying environments available in the simulator.

6. COMPATIBILITY

The Flysky SM100 simulator cable is compatible with the following Flysky remote controllers:

- FS-i10
- FS-i6
- FS-i4
- FS-TH9X
- FS-T6
- FS-CT68
- FS-T4B
- FS-GT3C
- FS-GT3
- FS-GT2F
- FS-GT2G
- FS-GT3B
- FS-GT2

Note: This item is **not compatible** with the FLYSKY TS-i6 transmitters.



Usb Flight Simulator

it can work with these models:



Image 4: Visual representation of compatible Flysky remote controller models.

7. SPECIFICATIONS

Model	FS-SM100
Input Signal	4-8 channel PPM signal
USB Support	USB HID 1.1 specification
Cable Length	1.5 meters
Net Weight	87 grams
Gross Weight	97 grams
Package Dimensions	8.07 x 4.13 x 0.79 inches
Item Weight	1.76 ounces
Manufacturer	Globact (for Flysky)


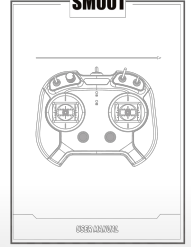

8. TROUBLESHOOTING


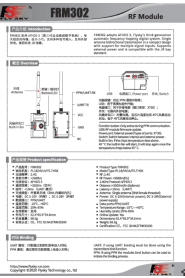
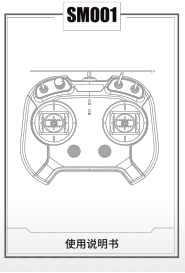
- **Simulator Software Not Recognizing Controller:**
Ensure the drivers for the SM100 cable are correctly installed. Verify that the cable is securely connected to both the PC and the remote controller. Check your simulator software's controller settings to ensure 'PPM' or the correct input type is selected and calibrated.
- **Red LED Not Blinking:**
Confirm the USB cable is fully inserted into a working USB port on your computer. Try a different USB port. Ensure the adapter cable is correctly connected to the remote controller.
- **Unstable Control Inputs:**
Recalibrate your remote controller within the simulator software. Ensure there are no conflicting drivers or software running in the background.
- **Not Working on Mac:**
This product is explicitly designed for Windows operating systems and is not compatible with Mac.

9. WARRANTY AND SUPPORT

For warranty information, technical support, or further assistance, please refer to the official Flysky website or contact your retailer. Keep your purchase receipt as proof of purchase.

Related Documents - SM100

	<p>SM001 RC Simulator Quick Start Guide</p> <p>A quick start guide for the SM001 RC simulator, detailing its features, setup, operation, and specifications. Compatible with various simulator software and operating systems.</p>
	<p>SM001 RC Flight Simulator User Manual</p> <p>Comprehensive user manual for the SM001 RC Flight Simulator, covering operation, specifications, and certifications. Compatible with various simulator software and aircraft types.</p>
	<p>Flysky FS-T4B 2.4G 4 Channel Remote System User Manual</p> <p>User manual detailing the functionality and operation of the Flysky FS-T4B 2.4G 4 Channel remote system, including channel controls and professional terminology.</p>

 The image shows the cover of the Flysky FS-TH9X instruction manual. It features the Flysky logo at the top, followed by the model name 'FS-TH9X' and 'INSTRUCTION MANUAL'. Below the text is a photograph of the FS-TH9X 9-channel radio control transmitter, which is a black device with two joysticks, several buttons, and a small LCD screen. At the bottom, there is some small text including a website URL and a copyright notice.	<p>Flysky FS-TH9X Instruction Manual: Your Guide to RC Transmitter Operation</p> <p>Explore the Flysky FS-TH9X 9-channel radio control system with this comprehensive instruction manual. Learn essential setup, programming, and operational procedures for optimal performance and safety in RC flying.</p>
 The image shows the cover of the Flysky FRM302 RF Module manual. It features the Flysky logo and the title 'FRM302 RF Module'. Below the title is a technical diagram showing the module's internal components and connection points. At the bottom, there is a list of specifications and a table of contents.	<p>Flysky FRM302 RF Module: Features, Specifications, and Usage</p> <p>Detailed information on the Flysky FRM302 RF Module, including its introduction, overview, product specifications, binding process, update procedures, failsafe functions, and compatibility with various Flysky transmitters and receivers. This document also covers important safety precautions and FCC compliance statements.</p>
 The image shows the cover of the SM001 RC Simulator User Manual. It features the title 'SM001' at the top, followed by a photograph of the SM001 RC simulator, which is a black device with two joysticks and several buttons. Below the photograph is the title 'SM001 RC Simulator User Manual' and the text '使用说明书' (User Manual).	<p>SM001 RC Simulator User Manual</p> <p>User manual for the SM001 RC simulator by FLYSKY, detailing its features, operation, specifications, and compliance. Compatible with various RC simulation software and models.</p>