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› Logitech G Saitek X52 Pro Flight Control System, Controller and Joystick Simulator, LCD Display, Illuminated Buttons, 2xUSB, PC - Black/Silver

Logitech G 945-000022

Logitech G Saitek X52 Pro Flight Control System User Manual

Model: 945-000022

INTRODUCTION

The Logitech G Saitek X52 Pro Flight Control System is a high-precision HOTAS (Hands On Throttle And Stick) designed to provide a realistic and immersive flight simulation experience. This system features a flight stick and a separate throttle unit, offering extensive programmability and an intuitive LCD multi-function display to enhance your control over various flight simulators.

This manual provides detailed instructions for setting up, operating, and maintaining your X52 Pro Flight Control System, along with troubleshooting tips and product specifications.

SAFETY GUIDELINES

Please read and understand the following safety information before using the product:

- For external use only.
- Avoid contact with eyes.
- Keep away from naked flame or direct heat sources.

PACKAGE CONTENTS

Verify that all components are present in the package:

- Logitech G Saitek X52 Pro Flight Stick
- Logitech G Saitek X52 Pro Throttle Unit
- PS/2 Connector Cable (for connecting stick to throttle)
- Quick Start Guide (QSG)

SETUP AND INSTALLATION

Follow these steps to set up your X52 Pro Flight Control System:

1. **Connect the Flight Stick to the Throttle:** Use the provided PS/2 connector cable to link the flight stick to the throttle unit. Ensure the connectors are fully inserted.



Image: The X52 Pro Flight Control System, illustrating the separate joystick and throttle units. The joystick is on the right, and the throttle is on the left, both connected via a cable.

2. **Connect the Throttle to your PC:** Connect the USB cable from the throttle unit to an available USB 2.0 port on your computer.
3. **Driver Installation:** Your operating system (Windows 10, Windows 8.1, Windows 7) should automatically detect and install the necessary drivers. If not, visit the Logitech G support website to download the latest drivers and software. An internet connection is required for optional software download.
4. **Software Installation (Optional):** For advanced customization and programming, download and install the powerful Smart Technology software from the Logitech G website. This software allows you to program your controller for each game.

OPERATING INSTRUCTIONS

The X52 Pro offers a wide range of controls for precise flight simulation. Familiarize yourself with the key components and their functions:

Flight Stick Features







Image: Front view of the X52 Pro Flight Stick, showing the main trigger, various hat switches, and illuminated buttons on the grip and base.

- **Precision Centering Mechanism:** Features no-contact technology on X and Y axes and constant spring force for improved control and accuracy.
- **Illuminated Buttons:** Key buttons and controls are illuminated for enhanced visibility, especially in low-light conditions.
- **5-Position Handle Adjustment:** The handle can be adjusted to five different positions to comfortably suit various hand sizes, featuring a soft-touch, contoured grip.
- **Two-Stage Trigger:** The main trigger has two stages, allowing for different actions based on pressure.
- **Pinkie Trigger:** Functions as an additional button, often used as a shift key to expand the number of programmable commands.
- **Hat Switches:** Multiple hat switches provide quick access to view controls or other functions.
- **Mode Selector:** A rotary switch on the base allows for switching between three different modes, effectively tripling the number of programmable buttons.

Throttle Unit Features



Image: Front view of the X52 Pro Throttle Unit, featuring the LCD display, multiple rotary dials, and programmable buttons.

- **Progressive Throttle:** Provides smooth and precise control over engine thrust, with resistance adjustment and detents for Afterburner and Idle positions.
- **LCD Multi-Function Display (MFD):** Displays important in-game information and allows for programming and profile management.
- **Mini Stick:** A small thumb stick on the throttle, typically used for mouse control or camera movement.
- **Rotary Dials:** Several rotary dials offer analog control for functions like trim or radar zoom.
- **Programmable Buttons:** Numerous buttons on the throttle unit can be customized using the Smart Technology software.

Software and Customization

The Logitech G Smart Technology software is crucial for unlocking the full potential of your X52 Pro. It allows you to:

- Create and manage custom profiles for different games and aircraft.
- Assign keyboard commands, mouse functions, and advanced macros to any button or switch.
- Adjust axis sensitivities and dead zones.
- Configure the LCD MFD to display specific in-game data (requires game support).

- Customize LED illumination colors.

Refer to the software's built-in help documentation for detailed instructions on programming and customization.

MAINTENANCE AND CARE

To ensure the longevity and optimal performance of your X52 Pro Flight Control System, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe down the surfaces of the stick and throttle. Avoid using abrasive cleaners, solvents, or aerosol sprays, as these can damage the finish or internal components.
- **Storage:** When not in use, store the system in a clean, dry environment away from direct sunlight and extreme temperatures.
- **Cable Management:** Avoid sharp bends or kinks in the PS/2 and USB cables to prevent damage.
- **Dust Prevention:** Keep the units covered when not in use to prevent dust accumulation, especially around moving parts and button crevices.

TROUBLESHOOTING

If you encounter issues with your X52 Pro, try the following solutions:

- **Device Not Recognized:**
 - Ensure all cables (PS/2 and USB) are securely connected.
 - Try connecting to a different USB port on your computer.
 - Restart your computer.
 - Verify that the latest drivers are installed from the Logitech G support website.
- **Buttons or Axes Not Responding:**
 - Check the device calibration in your operating system's game controller settings.
 - Ensure the Smart Technology software is running and the correct profile is active for your game.
 - Some games may require specific in-game controller settings or mapping.
 - For the throttle, ensure "Clutch Mode" is disabled in the MFD settings if you experience issues with certain buttons not working.
- **Inaccurate Control / Drifting:**
 - Recalibrate the device through your operating system's game controller settings.
 - Adjust dead zones in the Smart Technology software or within your game's settings.
 - Ensure the stick is centered when not in use.
- **LCD Display Not Working:**
 - Ensure the device is properly connected and powered.
 - Check the Smart Technology software settings for MFD configuration.
 - Some MFD functionalities require specific game integration or plugins.

For further assistance, refer to the Logitech G support website or contact customer service.

SPECIFICATIONS

Feature	Detail
Brand	Logitech G
Model Name	Pro Flight (X52 Pro)
Item Model Number	945-000022
Connectivity Technology	USB
Hardware Platform	PC
Operating System Compatibility	Windows 10, Windows 8.1, Windows 7
Item Weight	5.1 pounds (approx. 2.31 kg)
Product Dimensions (LxWxH)	14.57 x 9.84 x 9.06 inches (approx. 37 x 25 x 23 cm)
Color	Black/Silver
Manufacturer	Logitech, Inc
First Available Date	September 28, 2010

WARRANTY AND SUPPORT

Logitech G products are designed for durability and performance. For information regarding the product warranty, please refer to the warranty card included with your purchase or visit the official Logitech G support website. For technical support, driver downloads, software updates, and frequently asked questions, please visit the Logitech G support portal:



This digital user manual is also available as a PDF document for your convenience. You can find it on the Logitech G support website or through the link provided where you obtained this product.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question