

Thrustmaster T16000M FCS

Thrustmaster T16000M FCS Flight Stick User Manual

Model: T16000M FCS

Brand: Thrustmaster

1. INTRODUCTION

The Thrustmaster T.16000M FCS (Flight Control System) is a high-precision flight stick designed for advanced flight and space simulation enthusiasts. This device offers comprehensive and realistic controls, serving as an effective alternative to traditional mouse and keyboard setups for an immersive gaming experience. It is compatible with PC systems running Windows 10, 8, 7, and Vista (both 32-bit and 64-bit) via a USB connection.



Figure 1: Front view of the Thrustmaster T16000M FCS Flight Stick.

2. WHAT'S IN THE BOX

Upon unboxing your Thrustmaster T16000M FCS, you should find the following components:

- Thrustmaster T16000M FCS Flight Stick
- Instruction Manual

3. SETUP

3.1. Connecting to Your PC

1. Ensure your PC is powered on and running a compatible Windows operating system (10, 8, 7, or Vista).
2. Connect the USB cable from the T.16000M FCS Flight Stick to an available USB port on your computer.
3. The system will automatically detect and install the necessary drivers. Follow any on-screen prompts.

4. For optimal performance and customization, download and install the latest drivers and the T.A.R.G.E.T (Thrustmaster Advanced pRogramming Graphical EdiTor) software from the official Thrustmaster website.

3.2. Ambidextrous Configuration

The T.16000M FCS is designed to be fully ambidextrous. It includes 3 removable components that allow you to tailor the joystick for either left-handed or right-handed use. Refer to the included quick start guide for detailed instructions on how to swap these components.

4. FEATURES

The T.16000M FCS Flight Stick incorporates several advanced features for enhanced control and realism:

- **H.E.A.R.T Technology:** This (HallEffect AccuRate Technology) provides a precision level that does not decrease over time, thanks to magnetic sensors.
- **Action Buttons:** The joystick includes 16 action buttons with braille-style physical button identification for easy tactile recognition.
- **Point of View Hat Switch:** An 8-way hat switch allows for quick camera control or other directional inputs.
- **Independent Axes:** Features 4 independent axes, including a twist rudder for yaw control.
- **Integrated Throttle:** A built-in throttle control is located on the base of the joystick for convenient speed management.
- **T.A.R.G.E.T Software:** This advanced software enables users to load and create specific mapping profiles for each game, offering extensive customization options.



Figure 2: Detailed view of the joystick handle, showing the hat switch and trigger.



Figure 3: The ergonomic trigger and braille-style buttons on the joystick base.

5. OPERATING INSTRUCTIONS

5.1. Basic Control

- **Pitch & Roll:** Move the joystick forward/backward for pitch control and left/right for roll control.
- **Yaw:** Twist the joystick handle left/right for yaw control.
- **Throttle:** Use the slider on the base of the joystick to adjust thrust/speed.
- **Buttons & Hat Switch:** Utilize the 16 action buttons and the 8-way Point of View hat switch for various in-game functions, as configured in your game or via the T.A.R.G.E.T software.



Figure 4: Proper hand placement for operating the T16000M FCS Flight Stick.

5.2. Customization with T.A.R.G.E.T Software

The T.A.R.G.E.T software allows for advanced customization:

- **Button Mapping:** Assign specific keyboard keys or macros to any of the joystick's buttons.
- **Axis Calibration:** Fine-tune the sensitivity and dead zones of all axes to match your preference.
- **Profile Management:** Create and save unique control profiles for different games or aircraft, and easily switch between them.

6. MAINTENANCE

To ensure the longevity and optimal performance of your Thrustmaster T16000M FCS Flight Stick, follow these maintenance guidelines:

- **Cleaning:** Regularly wipe the surface of the flight stick and its base with a soft, dry cloth. Avoid using abrasive cleaners or solvents.

- **Storage:** Store the device in a clean, dry environment away from direct sunlight and extreme temperatures when not in use.
- **Cable Care:** Avoid sharp bends or excessive pulling on the USB cable to prevent damage.

7. TROUBLESHOOTING

If you encounter issues with your T16000M FCS Flight Stick, consider the following:

- **Device Not Recognized:** Ensure the USB cable is securely connected to both the flight stick and your PC. Try a different USB port.
- **Driver Issues:** Verify that the latest drivers and T.A.R.G.E.T software are installed from the Thrustmaster website. Reinstalling them may resolve conflicts.
- **In-Game Functionality:** Check your game's control settings to ensure the joystick is properly detected and configured. Some games may require manual mapping.
- **Calibration:** If controls feel off, use the calibration tools within the T.A.R.G.E.T software or your operating system's game controller settings to recalibrate the axes.

8. SPECIFICATIONS

Feature	Detail
Model Number	2960773
Compatibility	PC (Windows 10, 8, 7, Vista - 32-bit & 64-bit)
Connectivity	USB
Axes	4 independent axes (including twist rudder)
Buttons	16 action buttons + 8-way Point of View hat switch
Technology	H.E.A.R.T (HallEffect AccuRate Technology)
Ambidextrous Design	Yes, with 3 removable components
Product Dimensions	8.18 x 9.44 x 7.79 inches
Item Weight	2.58 Pounds

9. WARRANTY AND SUPPORT

Thrustmaster products are covered by a manufacturer's warranty. For specific warranty details, duration, and terms, please refer to the warranty card included with your product or visit the official Thrustmaster website. For technical support, driver downloads, and further assistance, please visit the Thrustmaster support page online.