

Thrustmaster TFRP Rudders (Model: 2960764)

Thrustmaster TFRP Flight Rudder Pedals User Manual

Brand: Thrustmaster | Model: TFRP Rudders (2960764)

INTRODUCTION

The Thrustmaster TFRP Flight Rudder Pedals are designed to provide realistic aviation control for flight simulators, compatible with PC, Xbox One, and PlayStation 5. This manual provides essential information for setting up, operating, and maintaining your TFRP Flight Rudder Pedals, ensuring optimal performance and longevity.

Key features include the S.M.A.R.T (Sliding Motion Advanced Rail Track) slide rails system for smooth steering, a self-centering rudder axis for precise maneuvers, and an ergonomic design that accommodates various foot placements. The pedals are constructed from durable materials to withstand extensive use.



Figure 1: Top-down view of the Thrustmaster TFRP Flight Rudder Pedals.

WHAT'S IN THE BOX

Upon opening the packaging, please ensure all components are present:

- Thrustmaster TFRP Flight Rudder Pedals
- Instructions Manual

SETUP

The Thrustmaster TFRP Flight Rudder Pedals are designed for quick and easy setup. Simply remove the unit from its packaging and connect the USB cable to your computer or compatible console.

1. Unpack the TFRP Flight Rudder Pedals from the box.
2. Place the pedals on a stable surface. The base features a good grip for carpets, preventing slippage during use.
3. Connect the USB cable from the pedals to an available USB port on your PC, Xbox One, or PlayStation 5.
4. The system should automatically detect the device. For PC, you may need to install drivers or software available from the Thrustmaster website for advanced programming (T.A.R.G.E.T software).



Figure 2: TFRP Flight Rudder Pedals connected to a PC setup.

OPERATING INSTRUCTIONS

The TFRP Flight Rudder Pedals offer precise and comfortable control for flight simulation. They are foot-operated, allowing for intuitive control of rudder and differential braking.

- **Rudder Control:** Apply pressure with your feet to move the pedals forward and backward, controlling the rudder axis for yaw maneuvers. The S.M.A.R.T system ensures perfectly smooth sliding motion.
- **Differential Braking:** The two differential brake pedals are 10 inches in length and designed to accommodate various shoe sizes. Apply pressure to the top of each pedal independently to control left and right wheel braking.
- **Self-Centering:** The rudder axis is self-centering, providing a balanced feel between smoothness and resistance, ensuring the pedals return to a neutral position when not in use.
- **Ergonomic Configuration:** The heel-rests are removable, allowing for two ergonomic configurations: you can place your entire foot on the pedal with heel-rests in place, or rest the ball of your foot at mid-pedal with heel-rests removed.



Figure 3: Full foot placement on the pedals with heel-rests.



Figure 4: Ball of foot placement on the pedals without heel-rests.

MAINTENANCE

The Thrustmaster TFRP Flight Rudder Pedals are built with durable plastic and industrial-grade aluminum components designed for longevity. Regular maintenance is minimal.

- **Cleaning:** Use a soft, dry cloth to wipe down the pedals and base. Avoid abrasive cleaners or solvents.
- **Storage:** When not in use, store the pedals in a clean, dry environment away from direct sunlight or extreme temperatures.
- **Inspection:** Periodically check the connections and moving parts for any signs of wear or damage.

TROUBLESHOOTING

- If you encounter issues with your TFRP Flight Rudder Pedals, consider the following common troubleshooting steps:
- **No Detection/Functionality:** Ensure the USB cable is securely connected to both the pedals and your device (PC/console). Try a different USB port.
 - **Inaccurate Input:** For PC users, ensure the latest drivers and T.A.R.G.E.T software (if used) are installed and updated. Calibrate the pedals through your system's game controller settings.
 - **Slippage:** Ensure the pedals are placed on a surface that allows the rubber feet to grip effectively. For hard floors, a non-slip mat may be beneficial.
 - **Physical Obstruction:** Check for any debris or objects that might be obstructing the movement of the pedals or the slide rails.

If problems persist, refer to the official Thrustmaster support resources or the full user manual for more detailed troubleshooting guides.

SPECIFICATIONS

Feature	Detail
Model Number	2960764
Product Dimensions	13.62 x 21.42 x 15.83 inches
Item Weight	4.88 Pounds
Connectivity	USB and/or proprietary RJ12
Compatibility	PC, Xbox One, PlayStation 5 (with Flight Hotas 4 joystick)
Rudder System	S.M.A.R.T (Sliding Motion Advanced Rail Track)
Brake Pedals	Two differential brake pedals, 10 inches in length
Materials	Plastic and industrial-grade aluminum

Accessories compatible with the

TFRP

T.Flight Rudder Pedals



HOTAS Warhog™ Flight Stick



T-Flight Hotas X



HOTAS Warhog™



T.16000M FCS



T-Flight Hotas 4



T.16000M FCS Hotas



T-Flight Stick X



T-Flight Hotas One



MFD Cougar Pack



T.16000M FCS Space Slim Duo



HOTAS Warhog™ Dual Throttle



TWCS Throttle

Figure 5: Detailed specifications comparison for Thrustmaster rudder pedals.

WARRANTY INFORMATION

For detailed information regarding the product warranty, please refer to the official Warranty Document provided by Thrustmaster.

[View Official Warranty \(PDF\)](#)

SUPPORT

For further assistance, technical support, or to download the full user manual, please visit the official Thrustmaster website or refer to the provided user guide PDF.

[Download Full User Manual \(PDF\)](#)

You can also visit the official Thrustmaster store on Amazon for product information and accessories:[Thrustmaster Store](#)

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Related Documents - TFRP Rudders (Model: 2960764)

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THRUSTMASTER®
T.LCM PEDALS
LONG LIFE & MAGNETICS

A comprehensive guide to setting up, calibrating, and customizing the Thrustmaster T-LCM Pedals. This manual covers mechanical adjustments, brake resistance tuning, connectivity options for PC and consoles, safety precautions, and warranty information.

English: I have calibrated my device in the Windows control panel, but my device's axes are not progressive.
How to reset the Windows calibration (Joysticks and Rudder Pedals):

English: I have calibrated my device in the Windows control panel, but my device's axes are not progressive.
How to reset the Windows calibration (Joysticks and Rudder Pedals):

Problème : J'ai calibré mon appareil dans le panneau de configuration Windows mais les axes de mon appareil ne sont pas progressifs.
Comment réinitialiser la calibration Windows (Joysticks et gamepads)

Deutschi: Ich habe mein Gefühl in der Windows-Systemsteuerung verloren, aber die Achsen meines Gefühls sind nicht progressiv.
Wie kann ich die Windows-Kalibrierung zurücksetzen? (JoySticks und

Cazut: Ho calibrat el dispozitiv cu el Panel de control de

Cómo restablecer la calibración de Windows (ajustes y predilectos de fondo)

Trabocco | Ho calibrato la mia periferica tramite il Pannello di controllo di Windows, ma gli assi della mia periferica non sono proporzionali.
Come risolvere la calibrazione di Windows (Applique a periferiche sensibili)

Português : Calibre o meu dispositivo no Painel de Controle do Windows, mas os dados do dispositivo não são progressivos.
Como restaurar a calibração do Windows (Ajuda e perfis de sensor)

Nederlands: ik heb mijn apparaat gekalibreerd in het Configuratiescherm van Windows, maar de aanen van mijn apparaat zijn niet aangesloten.

A step-by-step guide from Thrustmaster on how to reset the Windows calibration for joysticks and rudder pedals to resolve potential conflicts with product or driver calibration.