

Thrustmaster 4460209

Thrustmaster TCA Yoke Boeing Edition Instruction Manual

Brand: Thrustmaster | Model: 4460209

INTRODUCTION

This manual provides essential information for the setup, operation, and maintenance of your Thrustmaster TCA Yoke Boeing Edition. Designed to replicate the controls and sensations of a Boeing 787 airliner, this flight control system offers an immersive experience for flight simulation enthusiasts on Xbox Series X|S and PC.

WHAT'S IN THE BOX

- Thrustmaster TCA Yoke Boeing Edition
- Instructions manual
- USB connection cable
- Additional spring for adjustable resistance
- Clamping system for desk mounting
- Hex key for assembly

KEY FEATURES

- Officially-licensed Boeing yoke (1:1 scale ergonomic replica)
- PENDUL_R mechanism for realistic pendular sensation (8.3-inch / 21-cm travel)
- Adjustable springs for smooth motion and flexible linear resistance
- 100% metal internal structure for durability
- 18 action buttons and magnetic technology for main axes
- Adaptable and removable clamping system
- Compatible with Thrustmaster TFRP and TPR rudder systems (sold separately)

- Officially licensed for Xbox (Xbox One and Xbox Series X|S) and compatible with PC
- Automatic integration into Microsoft Flight Simulator (sold separately) on Xbox Series X|S and PC

SETUP

1. Yoke Assembly and Mounting

The Thrustmaster TCA Yoke is designed for easy setup. It can be securely mounted to a desk using the included clamping system. Ensure the rubber feet on the clamp are positioned correctly for stability.



Figure 1: Front view of the Thrustmaster TCA Yoke Boeing Edition.

For enhanced resistance, an additional spring is provided. This spring can be installed by removing the front panel of the yoke using the supplied hex key. Refer to the detailed instructions on the Thrustmaster support website for precise installation steps.

OFFICIALLY LICENSED BY
BOEING AND **XBOX**



Figure 2: Internal view illustrating the adjustable spring resistance mechanism.

2. Connecting the Yoke

Connect the yoke to your PC or Xbox Series X|S using the provided USB cable. The back of the yoke features a switch to select between PC and Xbox modes. Ensure the correct mode is selected for your platform. Additional ports are available for connecting compatible Thrustmaster rudder pedals (TFRP) and other USB devices.

ADJUSTABLE SPRING RESISTANCE



Figure 3: Rear view of the yoke showing USB, PC/Xbox switch, and TFRP ports.

3. Optional: TCA Quadrant Setup

If you have the Thrustmaster TCA Quadrant Boeing Edition, it can be connected to the yoke for a more comprehensive flight simulation experience. The quadrant also includes a clamping system for desk mounting and swappable levers for different aircraft configurations (e.g., throttle, flaps, speed brake).

1:1 SIZE ERGONOMIC REPLICA



Figure 4: The Thrustmaster TCA Quadrant Boeing Edition.

Your browser does not support the video tag.

Video 1: Official product video showcasing the key features and design of the Thrustmaster TCA Boeing Edition Yoke and Quadrant.

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Video 2: A short overview of the Thrustmaster TCA Yoke Boeing Edition, highlighting its unique pendular design and metal structure.

OPERATING INSTRUCTIONS

1. Basic Controls

The TCA Yoke features 18 action buttons and multiple axes for precise control:

- **Pitch and Roll Axes:** Controlled by moving the yoke forward/backward and left/right. The PENDUL_R mechanism provides a realistic pendular sensation.

- **Additional Axes:** Two built-in additional axes allow for various standalone maneuvers, such as takeoffs and landings.
- **Buttons:** The 18 action buttons can be mapped to various functions within your flight simulator software. Refer to your simulator's control settings for customization.

2. Compatibility and Software Integration

The TCA Yoke Boeing Edition is officially licensed for Xbox (Xbox One and Xbox Series X|S) and compatible with PC. It integrates automatically into Microsoft Flight Simulator (sold separately) on both Xbox Series X|S and PC, simplifying setup and configuration.

MAINTENANCE

To ensure the longevity and optimal performance of your Thrustmaster TCA Yoke Boeing Edition, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the surfaces of the yoke and quadrant. Avoid abrasive cleaners or solvents that could damage the finish.
- **Storage:** Store the device in a clean, dry environment away from direct sunlight and extreme temperatures.
- **Cable Management:** Ensure all cables are neatly routed and not under tension to prevent damage to connectors.

TROUBLESHOOTING

If you encounter issues with your TCA Yoke, consider the following:

- **Connection Issues:** Ensure the USB cable is securely connected to both the yoke and your PC/Xbox. Verify the PC/Xbox switch on the back of the yoke is set to the correct platform. Try a different USB port.
- **Calibration:** If controls feel unresponsive or inaccurate, check your operating system's game controller settings for calibration options. For PC, access the Thrustmaster Flight Control Panel Properties via 'Game Controllers' in Windows.
- **Software/Driver Updates:** Visit the official Thrustmaster support website to download the latest drivers and firmware for your device.
- **In-Game Settings:** Confirm that the yoke is correctly recognized and configured within your flight simulator's control settings.

SPECIFICATIONS

Feature	Detail
ASIN	B09D17TTWF
Release Date	March 10, 2022
Product Dimensions	12 x 14 x 12 inches
Item Weight	7.05 ounces
Item Model Number	4460209
Manufacturer	Thrustmaster Flight SIM

WARRANTY AND SUPPORT

For detailed warranty information, technical support, and additional resources, please visit the official Thrustmaster support website. Keep your proof of purchase for any warranty claims.

Thrustmaster Official Website

Related Documents - 4460209

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	<h3>How to Map Thrustmaster Flight Controls in Microsoft Flight Simulator 2024 (Xbox Series X S)</h3> <p>A comprehensive guide to mapping Thrustmaster flight control devices for Microsoft Flight Simulator 2024 on Xbox Series X S, covering setup, control assignment, and troubleshooting inverted axes.</p>
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