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Thrustmaster T300RS

Thrustmaster T300RS Force Feedback Racing Wheel Instruction Manual

Model: T300RS

1. PRODUCT OVERVIEW

The Thrustmaster T300RS Force Feedback racing wheel is designed to provide an immersive and realistic car racing experience, allowing users to enhance their performance across various racing games. This wheel is compatible with PlayStation 5, PlayStation 4, and PC platforms.

Key Features:

- **Fast Brushless Motor:** Delivers nearly 25 watts of power for responsive and realistic Force Feedback.
- **Quick and Easy Wheel Changing System:** Allows users to easily swap different Thrustmaster wheels (sold separately) to suit various racing styles.
- **Dual-Belt System:** Ensures smooth gaming sessions without dead zones, providing fluid and silent operation.
- **Proprietary H.E.A.R.T Magnetic Technology:** Offers unlimited product lifespan and optimal precision without potentiometers, ensuring consistent performance over time.
- **PS5 Game Compatibility:** Works seamlessly with PlayStation 5 games.



Image 1.1: Front view of the Thrustmaster T300RS Force Feedback Racing Wheel.

THRUSTMASTER® PLAYSTATION & PC SYSTEMS		T80 SERIES		T150 SERIES			T300 SERIES			T-GT
		T80 RACING WHEEL	T80 FERRARI 488 GTB EDITION	T150 FORCE FEEDBACK	T150 FERRARI WHEEL FORCE FEEDBACK	T150 PRO FORCE FEEDBACK	T300RS	T300 RS GT EDITION	T300 FERRARI INTEGRAL RACING WHEEL ALCANTARA EDITION	T-GT
WHEEL TEXTURE	Rubber	Rubber	Rubber	Rubber	Rubber	Rubber	Rubber	Rubber	Alcantara	Leather
ROTATION ANGLE (MAX)	240°			1080°			1080°			1080°
NUMBER OF PEDALS INCLUDED	2			2	3		2	3	3	3
HEAD PEDALS TEXTURE	Plastic	Plastic		Plastic	Metal		Metal			Metal
INTERNAL TECHNOLOGY	Bungee cord	Bungee cord		Mix pulley & belt system (hybrid)			Dual belt			Dual belt
SENSOR TECHNOLOGY	Potentiometer			Optical reading			H.E.A.R.T Magnetic Technology			H.E.A.R.T Magnetic Technology
QUICK RELEASE SYSTEM (WHEELS ADD-ON)	✖			✖			✓			✓
MOTOR ENGINE TYPE	✖			Standard motor (Brushed)			Next Gen-Brushless Servomotor			Next Gen-Brushless Servomotor
COOLING SYSTEM	✖			1 Fan			1 Fan			2 Fans [1 included the motor]
FORCE FEEDBACK POWER	✖			★			★★			★★★
TURBO POWER	✖			✖			✖			✓
COMPATIBILITY	PLAYSTATION PC			PLAYSTATION PC			PLAYSTATION PC			PLAYSTATION PC

Image 1.2: The Thrustmaster T300RS Racing Wheel shown with its accompanying pedal set.

2. SETUP AND INSTALLATION

Follow these steps to properly set up your Thrustmaster T300RS Racing Wheel.

2.1. Attaching the Wheel Rim

1. Ensure the wheel base is powered off and disconnected.
2. Align the wheel rim with the quick release system on the wheel base.
3. Push the wheel rim firmly onto the shaft until it clicks into place.
4. Tighten the locking screw to secure the wheel rim.

2.2. Mounting the Wheel Base

1. Place the wheel base on a stable surface (e.g., a desk or racing cockpit).
2. Use the integrated clamping system to secure the wheel base. Turn the clamping screw until the wheel is firmly attached.

2.3. Connecting the Pedals and Power

1. Connect the pedal set cable to the appropriate port on the rear of the wheel base.
2. Connect the power adapter to the wheel base and then to a power outlet.
3. Connect the USB cable from the wheel base to your PlayStation console or PC.

2.4. Mode Selection (PS3/PS4/PC)

The T300RS features a mode switch to select between PS3, PS4, and PC compatibility. Ensure the switch is set to the correct position for your platform before powering on.

Video 2.1: This video demonstrates the physical setup and connection process for the Thrustmaster T300RS, including attaching the wheel, connecting pedals, and power.

3. OPERATING INSTRUCTIONS

3.1. Basic Controls

The T300RS features a full set of PlayStation buttons (PS, Share, Options, directional pad, action buttons) and two large, fixed paddle shifters made of 100% metal for quick gear changes.



WHAT MATTERS **IS INSIDE.**

**REAL
MAGNETIC
TECHNOLOGY**



Image 3.1: Close-up view of the T300RS wheel, highlighting the integrated buttons and paddle shifters.

3.2. Force Feedback

The wheel's powerful brushless servomotor and dual-belt system provide smooth, seamless, and realistic force feedback effects. These effects simulate road conditions, tire grip loss, braking, and impacts, enhancing immersion.

3.3. Adjustable Rotation Angle

The T300RS offers an adjustable rotation angle from 270° to 1080°, allowing you to customize the steering sensitivity to match your driving preferences and the specific game requirements.

Video 3.2: This video provides an overview of the T300RS features, including its adjustable rotation angle and force feedback capabilities.

4. MAINTENANCE AND CARE

Proper maintenance ensures the longevity and optimal performance of your racing wheel.

4.1. Cleaning

- Regularly wipe the wheel rim and base with a soft, dry cloth.
- Avoid using abrasive cleaners or solvents, as these can damage the finish.
- Keep the pedal set free from dust and debris.

4.2. Storage

When not in use, store the racing wheel in a clean, dry environment away from direct sunlight and extreme temperatures.

5. TROUBLESHOOTING

If you encounter issues with your Thrustmaster T300RS, refer to the following common solutions:

5.1. No Force Feedback

- Ensure the power adapter is securely connected and the wheel base is receiving power.
- Verify that the USB cable is properly connected to your console/PC.
- Check in-game settings to ensure Force Feedback is enabled and adjusted to a suitable level.
- On PC, ensure the latest drivers are installed from the Thrustmaster support website.

5.2. Calibration Issues

- Upon powering on, the wheel should automatically calibrate by rotating fully left and right. If this does not occur, power cycle the device.
- For manual calibration or advanced settings, consult the detailed user manual available on the Thrustmaster support website.

5.3. Connectivity Problems

- Confirm the mode switch on the wheel base is set to the correct platform (PS3, PS4, or PC).
- Try connecting the USB cable to a different port on your console/PC.
- Restart your console/PC and the racing wheel.

6. SPECIFICATIONS

Feature	Detail
ASIN	B00O8B7D02
Release Date	October 17, 2014
Product Dimensions	14 x 17.99 x 12.99 inches

Feature	Detail
Item Weight	17.2 pounds
Item Model Number	4169072
Manufacturer	Thrustmaster
Compatibility	Windows, PlayStation 5, PlayStation 4
Rotation Angle	270° to 1080° (Adjustable)
Force Feedback	Brushless Servomotor, Dual-Belt System
Technology	H.E.A.R.T (HallEffect AccuRate Technology)

7. THRUSTMASTER ECOSYSTEM & COMPATIBILITY

The T300RS is part of the Thrustmaster ecosystem, allowing for extensive customization and upgrades. The quick release system enables easy swapping of different Thrustmaster wheel add-ons (sold separately).

7.1. Compatible Add-ons:

- Various detachable wheel rims (e.g., Ferrari F1 Wheel Add-On, Ferrari GTE Wheel Add-On, Rally Wheel Sparco R383 Mod, TM Open Wheel Add-On, 599XX EVO 30 Wheel Alcantara Edition).
- Pedal sets (e.g., T3PA, T3PA-Pro, T-LCM Pedals).
- Shifters (e.g., TH8A Add-On Shifter).

THRUSTMASTER®

ECOSYSTEM UPGRADES



Image 7.1: Visual representation of the Thrustmaster T300RS ecosystem, showing various compatible add-ons.

Video 7.2: This video showcases the modularity of the Thrustmaster ecosystem, demonstrating various compatible accessories and upgrades.

8. WARRANTY AND SUPPORT

For detailed warranty information, product registration, and technical support, please visit the official Thrustmaster support website. You can also find additional resources and FAQs there.

Thrustmaster Support: Visit the [Thrustmaster Store on Amazon](#)