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## Fanatec CRD-9020007-US

# Fanatec Gran Turismo DD Pro Sim Racing Steering Wheel User Manual

Model: CRD-9020007-US



## INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, and maintenance of your Fanatec Officially Licensed Gran Turismo DD Pro PlayStation Sim Racing Steering Wheel, Base, and Pedals. This system combines PlayStation 5 console performance with Fanatec Direct Drive technology to deliver dynamic force feedback sensations, enhancing your sim racing experience.

The Gran Turismo DD Pro is designed for PC, PlayStation 5, and PlayStation 4, offering a realistic and immersive driving experience.

## SAFETY INFORMATION

Please read all safety warnings and instructions carefully before using the product. Keep this manual for future reference.

- Ensure all connections are secure before operation.
- Use only the provided power supply (90W) with the wheel base.
- Avoid exposing the device to moisture or extreme temperatures.
- Keep hands and fingers clear of moving parts during operation.
- Do not attempt to disassemble or modify the product. Refer all servicing to qualified personnel.

## PACKAGE CONTENTS

Verify that all items listed below are present in your package:

- Gran Turismo Direct Drive Wheel Base
- QR2Lite Base-Side (Type-C) (preinstalled)
- Steering Wheel for Gran Turismo DD Pro

- QR2Lite Steering Wheel Side (preinstalled)
- Pedals for Gran Turismo DD Pro (two-pedal set)
- Table Clamp
- 90W Power Supply
- 4x T-nuts for rail mount system
- USB Cable (Type-C to Type-A)
- RJ12 Connection Cable for Pedals
- Pedal Spacers for Hard Mounting
- Torx Key
- Quick Guide



Image: The complete Fanatec Gran Turismo DD Pro sim racing setup, including the steering wheel, direct drive wheel base, and two-pedal set.

## SETUP

## 1. Wheel Base and Steering Wheel Assembly

1. Ensure the QR2Lite Base-Side is securely preinstalled on the wheel base.
2. Align the QR2Lite Steering Wheel Side (preinstalled on the steering wheel) with the wheel base shaft.
3. Push the steering wheel onto the shaft until it clicks into place, ensuring a firm connection.

### PEDALS

Nothing makes you faster than a set of good pedals. The precision sensors and realism of Fanatec pedals will give you that competitive edge.



Image: Close-up view of the QR2Lite Wheel-Side quick release system, showing its carbon fiber-reinforced polyamide construction for reliable performance.

## 2. Pedal Set Connection

1. Connect the RJ12 connection cable from the pedal set to the appropriate port on the wheel base.
2. For hard mounting, use the provided pedal spacers and T-nuts with a compatible rail mount system.



Image: The Fanatec Gran Turismo DD Pro two-pedal set, featuring solid steel construction and precise Hall sensors for throttle and

brake inputs.

### 3. Mounting the Wheel Base

The wheel base can be mounted using the included table clamp or hard-mounted to a sim racing cockpit.

- **Table Clamp:** Attach the table clamp to the wheel base and secure it to a sturdy table or desk.
- **Hard Mounting:** Use appropriate screws (not included) to secure the wheel base to a compatible sim racing cockpit or stand.

### 4. Power and USB Connection

1. Connect the 90W power supply to the wheel base and then to a power outlet.
2. Connect the USB Cable (Type-C to Type-A) from the wheel base to your PC, PlayStation 5, or PlayStation 4 console.

**PLAYSTATION® COMPATIBLE**

Officially licensed for PlayStation®5 and PlayStation®4 consoles.



Image: The Fanatec Gran Turismo DD Pro is officially licensed and compatible with PlayStation 5 and PlayStation 4 consoles, ensuring seamless integration.

## OPERATING INSTRUCTIONS

### Direct Drive Force Feedback

The Gran Turismo DD Pro features a 5 Nm Direct Drive servo motor, custom-designed in Germany. This technology provides linear and consistent force feedback, communicating the nuances of the virtual track directly to your hands.

- The standard peak torque is 5 Nm.
- For enhanced force feedback, the optional Boost Kit 180 (sold separately) unlocks the full 8 Nm.
- The wheel base is passively cooled, with its aluminum housing acting as a heat sink, ensuring stable performance without active cooling.

### **5 NM DIRECT DRIVE SERVO MOTOR**

Custom-designed in Germany for sim racing providing linear, consistent performance with patented FluxBarrier technology to improve motor efficiency and smoothness.



Image: A detailed view of the 5 Nm Direct Drive servo motor, highlighting its robust construction and FluxBarrier technology for improved efficiency.

## PASSIVELY COOLED BASE

Housing is made from aluminum (passive heat sink, core structural component) with composite end caps.

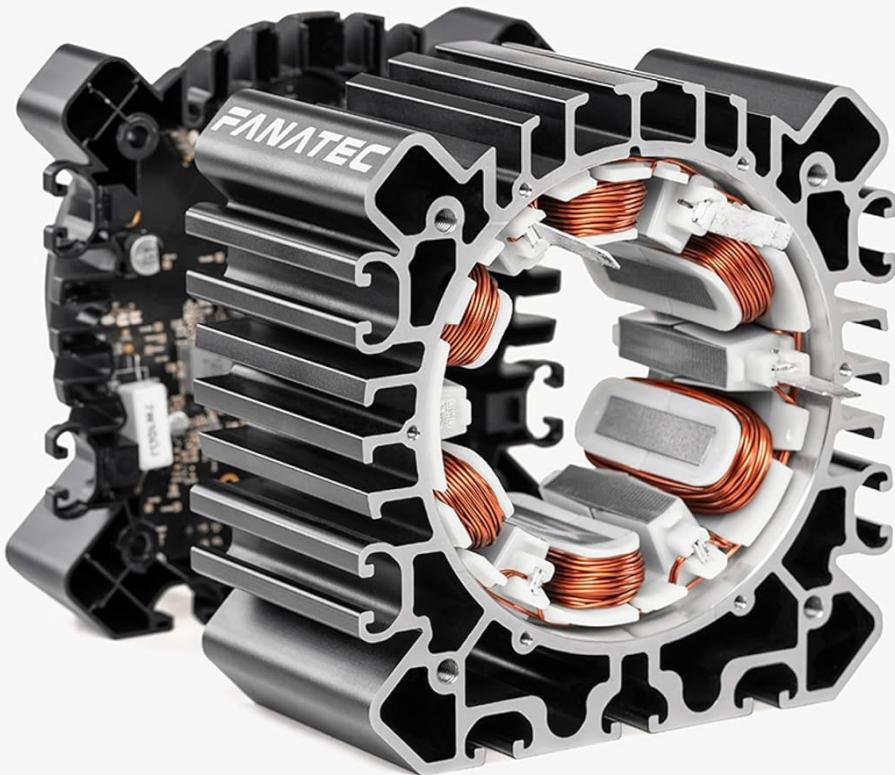


Image: An internal view of the passively cooled wheel base, showing the aluminum housing designed to dissipate heat efficiently.

### Steering Wheel Features

The steering wheel, designed by Polyphony Digital, offers intuitive controls and displays:

- **OLED Display:** Provides useful visual information during gameplay and when navigating the Fanatec Tuning Menu.
- **RevLED Strip:** A diffused LED strip indicates engine RPM and shift points.
- **Four 5-Way Directional Sticks:** These are assigned to Gran Turismo 7's rapid-access adjustments for traction control, brake balance, torque split, and fuel mapping, allowing for quick in-game adjustments.
- **Tactile Rubber Grip:** Ensures comfortable and secure handling during extended racing sessions.
- **Compact 280 mm Diameter:** Optimized for the PlayStation interface and suitable for a wide variety of vehicles in Gran Turismo.

## **STEERING WHEEL DESIGNED BY POLYPHONY DIGITAL**

Tactile rubber grip with OLED display and diffused RevLED strip, compact 280 mm diameter, optimized for the PlayStation® interface.



Image: The Gran Turismo DD Pro steering wheel, showcasing its OLED display, RevLED strip, and ergonomic design by Polyphony Digital.

## FOUR 5-WAY DIRECTIONAL STICKS

Assigned to GT7's rapid-access adjustments for traction control, brake balance, torque split, and fuel mapping.



Image: A close-up of the steering wheel's controls, highlighting the four 5-way directional sticks used for quick adjustments in Gran Turismo 7.

### Pedal Operation

The included CSL Pedals are a two-pedal set (throttle and brake) built from steel with precise and durable Hall sensors. These contactless sensors ensure accuracy and longevity.

- The throttle pedal provides smooth and responsive input.
- The brake pedal features a stiffer spring combined with PU foam, offering a progressive feeling for more realistic braking.
- The pedal set can be upgraded with a load cell brake (sold separately) for even greater precision and realism.

### MAINTENANCE

To ensure the longevity and optimal performance of your Fanatec Gran Turismo DD Pro, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe down the steering wheel, wheel base, and pedals. Avoid abrasive

cleaners or solvents.

- **Connections:** Periodically check all cables and connections to ensure they are secure and free from damage.
- **Storage:** When not in use, store the unit in a clean, dry environment away from direct sunlight and extreme temperatures.
- **Software Updates:** Regularly check the Fanatec website for firmware and driver updates to ensure compatibility and optimal performance.

## TROUBLESHOOTING

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If you encounter issues with your Fanatec Gran Turismo DD Pro, refer to the following common troubleshooting steps:

- **No Power:**

- Ensure the power supply is correctly connected to the wheel base and a working power outlet.
- Verify the power outlet is functional by testing it with another device.

- **No Force Feedback:**

- Check the USB connection between the wheel base and your PC/console.
- Ensure the game or simulation software is configured to output force feedback.
- Update the wheel base firmware via the Fanatec driver software on PC.

- **Pedals Not Responding:**

- Verify the RJ12 cable connecting the pedals to the wheel base is securely plugged in.
- Check pedal calibration in the Fanatec driver software or game settings.

- **Steering Wheel Not Recognized:**

- Ensure the steering wheel is firmly attached to the wheel base shaft.
- Restart your PC/console and the wheel base.
- Reinstall Fanatec drivers if on PC.

For more detailed troubleshooting or persistent issues, please refer to the official Fanatec support resources.

## SPECIFICATIONS

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<b>Model Number</b>	CRD-9020007-US
<b>ASIN</b>	B0FBGYPD49
<b>Manufacturer</b>	Corsair (Note: Fanatec is a brand under Corsair)
<b>Country of Origin</b>	Taiwan
<b>Item Weight</b>	27.9 pounds (approx. 12.66 kg)
<b>Package Dimensions</b>	15.98 x 15.55 x 15.27 inches (approx. 40.6 x 39.5 x 38.8 cm)
<b>Direct Drive Torque</b>	5 Nm (Standard), 8 Nm (with optional Boost Kit 180)
<b>Steering Wheel Diameter</b>	280 mm

## WARRANTY INFORMATION

Fanatec products are covered by a manufacturer's warranty. Specific warranty terms and conditions, including duration and coverage, may vary by region and product. Please retain your proof of purchase.

For detailed warranty information, please visit the official Fanatec website or contact their customer support directly.

## SUPPORT

For further assistance, technical support, or to access the latest drivers and firmware updates, please visit the official Fanatec support page:

[Fanatec Support Website](#)

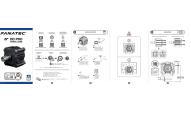
You can also find additional resources and community forums on the Fanatec website.

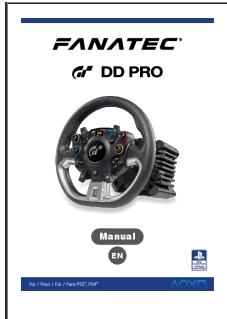
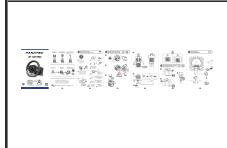
## OFFICIAL PRODUCT VIDEOS

No official product videos with "Seller" creator type were found in the provided product data. Please refer to the manufacturer's website for any available video resources.

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## Related Documents - CRD-9020007-US

	<p><a href="#">Fanatec GT DD PRO: Official Manual for PlayStation &amp; PC Racing Simulation</a></p> <p>Discover the full capabilities of your Fanatec GT DD PRO racing wheel with this comprehensive user manual. Learn about setup, features, compatibility with PS5, PS4, and PC, and troubleshooting tips for an immersive sim racing experience.</p>
	<p><a href="#">Fanatec Gran Turismo DD Pro Wheel Base Quick Guide</a></p> <p>A quick guide to the Fanatec Gran Turismo DD Pro Wheel Base, covering package contents, connections, and basic operation for PlayStation and PC.</p>
	<p><a href="#">Fanatec Gran Turismo DD Pro Quick Start Guide - Setup and Connection</a></p> <p>Get started quickly with your Fanatec Gran Turismo DD Pro racing wheel. This guide covers package contents, setup, connections, and basic operation for PS5, PS4, and PC.</p>

	<p><a href="#"><u>Fanatec Gran Turismo DD Pro Manual: Setup and Features</u></a>  Comprehensive manual for the Fanatec Gran Turismo DD Pro, covering setup, compatibility, features, troubleshooting, and warranty information for PlayStation and PC.</p>
	<p><a href="#"><u>Fanatec Gran Turismo DD Pro Quick Start Guide</u></a>  A concise guide to setting up and using the Fanatec Gran Turismo DD Pro racing wheel for PlayStation and PC. Learn about package contents, connections, mounting, and basic operation.</p>
	<p><a href="#"><u>Fanatec ClubSport Pedals V3 Manual - User Guide for Sim Racing</u></a>  Official user manual for the Fanatec ClubSport Pedals V3. Learn about assembly, setup, features, safety, firmware updates, calibration, and troubleshooting for an enhanced sim racing experience. Visit <a href="http://www.fanatec.com">www.fanatec.com</a> for support.</p>