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> Logitech G G29 Driving Force Racing Wheel and Pedals User Manual

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Logitech G G29 Driving Force Racing Wheel and Pedals User Manual

Model: G29 (941-000112)

1. INTRODUCTION

The Logitech G G29 Driving Force is a high-performance racing simulation wheel and pedal set designed for an immersive gaming experience. It features realistic force feedback, durable construction, and precise controls for PlayStation 5, PlayStation 4, and PC platforms.



Image 1.1: Logitech G G29 Driving Force Racing Wheel and Pedals.

Key Features:

- **Realistic Force Feedback:** Dual-motor force feedback system for an authentic driving sensation.
- **900-Degree Wheel Rotation:** Provides a full range of motion, mimicking a real car's steering.
- **Adjustable Pedals:** Separate pedal unit with throttle, pressure-sensitive brake, and clutch pedals.

- **Durable Construction:** Hand-stitched leather wheel and stainless steel components for longevity.
- **Integrated Controls:** On-wheel controls and paddle shifters for quick access to game functions.

2. WHAT'S IN THE BOX

Verify that all components are present in the packaging:

- Driving Force Racing Wheel
- Pedals Unit
- Power Adapter
- User Documentation



Image 2.1: Included components: racing wheel, pedals, and power adapter.

3. SETUP INSTRUCTIONS

3.1. Physical Setup

1. **Mount the Racing Wheel:** Place the racing wheel on a stable surface such as a desk or racing cockpit. Use the integrated clamps to secure the wheel. Turn the clamp knobs to tighten the wheel to the surface.



Image 3.1: Securing the racing wheel to a desk using the integrated clamps.

2. **Position the Pedals:** Place the pedal unit on the floor in a comfortable position. The pedal base features a retractable carpet grip system and rubber feet for stability on various surfaces.



Image 3.2: The pedal unit with its anti-slip base.

3.2. Connections

1. Connect the pedal unit cable to the corresponding port on the racing wheel.
2. Connect the power adapter to the racing wheel and then plug it into a wall outlet.
3. Connect the USB cable from the racing wheel to an available USB port on your PlayStation console or PC.
4. The wheel will calibrate automatically upon connection and power-up.

3.3. Software Installation (PC Only)

For PC users, it is recommended to install the Logitech G HUB software to customize settings, update firmware, and optimize performance. The software can be downloaded from the official Logitech G website.

4. OPERATING THE G29 DRIVING FORCE

4.1. Racing Wheel Controls

The G29 racing wheel features a variety of controls for an authentic racing experience:

- **Steering Wheel:** Offers 900 degrees of lock-to-lock rotation, providing precise control.
- **Paddle Shifters:** Stainless steel paddle shifters located behind the wheel for quick gear changes.
- **Console Buttons:** PlayStation buttons (X, Square, Circle, Triangle, L1, R1, L2, R2, L3, R3, Share, Options, PS Button) are integrated directly onto the wheel for easy access.
- **Directional Pad (D-Pad):** For menu navigation and in-game controls.
- **24-Point Selection Dial:** Allows fine-tuning of in-game settings on the fly.
- **RPM/Shift Indicator LEDs:** Lights integrated above the center of the wheel indicate optimal shift points in supported games.



4.2. Pedal Unit

The separate pedal unit provides realistic control over acceleration, braking, and clutch engagement:

- **Throttle Pedal:** For acceleration.
- **Brake Pedal:** Features a non-linear spring for a pressure-sensitive feel, mimicking performance car braking systems.
- **Clutch Pedal:** For manual gear shifting in supported games (requires optional Driving Force Shifter).



Image 4.2: Diagram of the adjustable pedal unit.

4.3. Force Feedback

The dual-motor force feedback system simulates various in-game effects, such as:

- Tire slip and traction loss
- Road surface changes
- Impacts and collisions
- Weight shift and understeer/oversteer



Image 4.3: Illustration of the internal force feedback mechanism.

5. COMPATIBILITY

The Logitech G G29 Driving Force is compatible with the following platforms and operating systems:

- PlayStation 5
- PlayStation 4

- PlayStation 3
- PC (Windows 11, Windows 10, Windows 8.1, Windows 8, Windows 7)
- Mac

5.1. Compatible Games (PC)



Image 5.1: Partial list of PC games compatible with the G29.

5.2. Compatible Games (PlayStation)

JEUX COMPATIBLES PC

18 Wheeler American Pro Trucker	Farming Simulator 15	NASCAR Thunder 2004
4x4 EVO 2	Farming Simulator 17	Need For Speed Heat
American Truck Simulator	Farming Simulator 19	Need For Speed Payback
* Assetto Corsa EVO	Forza Horizon 4	Need For Speed 2016
Ⓟ Assetto Corsa	Forza Horizon 5	Ⓟ Project Cars
Ⓟ* Assetto Corsa Competizione	Forza Motorsport (2023)	Ⓟ Project Cars 2
Automobilista	Ⓟ Forza Motorsport 7	Ⓟ* Project Cars 3
Ⓟ* Automobilista 2	GRID	Ⓟ RaceRoom Racing Experience
BeamNG Drive	Ⓟ* GRID (2019)	Ⓟ rFactor 2
Dakar 18	GRID 2	* Richard Burns Rally
DIRT 3	Grid Legends	Snowrunner
Ⓟ Dirt Rally	GT Legends	Spintires
Ⓟ* Dirt Rally 2.0	GTR2	Spintires Mudrunner
Distance	Ⓟ* iRacing	The Crew 2
Eurotruck Simulator 2	KartKraft	V Rally 4
F1 2015	Lawn Mowing Simulator	Ⓟ* WRC 10
F1 2016	Live For Speed	Ⓟ WRC 5
F1 2017	* Monster Truck	Ⓟ WRC 6
F1 2018	Championship	Ⓟ WRC 7
F1 2019	My Summer Car	Ⓟ WRC 8
F1 2020	NASCAR 21 Ignition	Ⓟ WRC 9
F1 2021	NASCAR Heat 3	Wreckfest
	NASCAR Heat 4	
	NASCAR Heat 5	

- * Supporte TRUEFORCE
- Ⓟ Double embrayage supporté

Image 5.2: Partial list of PlayStation games compatible with the G29.

6. MAINTENANCE

To ensure the longevity and optimal performance of your G29 Driving Force, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe down the racing wheel and pedals. Avoid abrasive cleaners or solvents that could damage the finish or electronic components.
- **Storage:** When not in use, store the unit in a clean, dry environment away from direct sunlight and extreme temperatures.
- **Cable Management:** Ensure cables are not kinked or pinched to prevent damage.

7. TROUBLESHOOTING

If you encounter issues with your G29 Driving Force, consider the following:

- **No Power/Functionality:** Ensure all cables are securely connected, especially the power adapter and USB cable. Try a different USB port or power outlet.
- **Force Feedback Issues:** Verify that force feedback is enabled in your game settings and in the Logitech G HUB software (for PC). Ensure the power adapter is connected.
- **Calibration Problems:** The wheel should self-calibrate upon power-up. If it doesn't, disconnect and reconnect the USB cable. For PC, check Logitech G HUB for calibration options.
- **Game Recognition:** Ensure your game supports the Logitech G29. For PC, make sure Logitech G HUB is running and the latest drivers are installed.
- **Pedal Response:** Check for any obstructions under the pedals. For PC, use Logitech G HUB to test pedal input.

For further assistance, refer to the Logitech G support website.

8. SPECIFICATIONS

Feature	Detail
Model Number	941-000112
Dimensions (Wheel)	45 x 32.3 x 33.3 cm (L x W x H)
Weight	5.35 kilograms
Wheel Rotation	900 degrees lock-to-lock
Force Feedback	Dual-motor system with helical gearing
Pedals	Throttle, pressure-sensitive brake, clutch
Material	Hand-stitched leather, stainless steel, anodized aluminum
Connectivity	USB
Power	External power adapter
Language	English



Image 8.1: Dimensions of the racing wheel and pedal unit.

9. WARRANTY AND SUPPORT

9.1. Warranty Information

The Logitech G G29 Driving Force comes with a **2-year limited hardware warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

9.2. Customer Support

For technical support, warranty claims, or additional product information, please visit the official Logitech G support website:

<https://support.logitech.com/>

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