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HORI HPC-044U

HORI Force Feedback Truck Control System

USER MANUAL FOR WINDOWS 11/10 (MODEL: HPC-044U)

1. Introduction

This manual provides detailed instructions for the setup, operation, and maintenance of your HORI Force Feedback Truck Control System. Designed for Windows 11/10, this system offers an immersive truck driving simulation experience with its large steering wheel, comprehensive shifter control panel, and robust pedal unit.



Image 1.1: Overview of the HORI Force Feedback Truck Control System, including the steering wheel, shifter, and pedal unit.

2. Package Contents

Verify that all the following items are included in your package:

- Force Feedback Steering Wheel Unit
- Shifter Control Panel
- Three-Pedal Unit
- USB Connection Cable (integrated with wheel and shifter)
- Power Adapter
- Instruction Manual (this document)
- Steam Download Codes for Euro Truck Simulator 2 and American Truck Simulator

3. Setup and Installation

Follow these steps to set up your HORI Truck Control System:

1. Mounting the Steering Wheel:

The steering wheel can be mounted to a desk or a racing stand. Use the sturdy clamps provided to secure it to a desk. For racing stand setups, the unit can be screwed directly into compatible mounts.



Image 3.1: The steering wheel unit with its integrated desk clamp for secure mounting.

2. Mounting the Shifter Control Panel:

Position the shifter control panel next to your steering wheel. It also features a clamp mechanism for secure attachment to a desk or racing stand.

3. Connecting the Pedal Unit:

Connect the pedal unit cable to the designated port on the rear of the steering wheel unit.

4. Connecting to PC:

Connect the USB cable from the steering wheel unit to an available USB port on your Windows 11/10 PC. Connect the USB cable from the shifter control panel to another available USB port on your PC.

5. Power Connection:

Connect the power adapter to the steering wheel unit and then plug it into a power outlet.

6. Driver Installation:

Your PC should automatically detect the device and install necessary drivers. If not, visit the official HORI website for driver downloads and the companion app to customize settings.



Image 3.2: A typical setup showing the steering wheel and shifter mounted on a desk, ready for use.

4. Operating Instructions

This section details the functions of the steering wheel, shifter, and pedals.

4.1. Steering Wheel

- **Diameter & Rotation:** The extra-large 15.8 inch (40 cm) diameter wheel provides a realistic feel. It supports up to 1800 degrees of rotation for precise control.


- **Force Feedback:** Dual motor force feedback provides realistic vibrations and resistance, simulating road conditions and vehicle dynamics.
- **Controls:** The wheel features 39 button inputs and dual analog sticks. Two steering column mounted levers offer additional buttons and twist inputs for functions like turn signals or wipers.

Compatible Games List

✓ : Fully compatible
 (✓) : Compatible, but there are some functions that require adjustment or cannot be used.
 ✗ : Not compatible

PC *Game titles listed below are the Steam versions.

✓ American Truck Simulator	✗ DIRT5	✗ FORZA HORIZON4	(✓) Project Cars 2
(✓) Euro Truck Simulator	✓ DIRT RALLY2.0	✗ FORZA HORIZON5	(✓) Project Cars 3
✓ Euro Truck Simulator 2	✓ EA Sports WRC	(✓) GRID	(✓) snowrunner
✗ art of rally	✓ F1™2020	(✓) GRID Legends	(✓) The BUS
✓ Assetto Corsa	✗ F1™2021	✗ NASCAR 21 Ignition	✗ The Crew2
✓ Assetto Corsa Competizione	✓ F1™2022	(✓) NASCAR Heat 5	(✓) WRC9
(✓) BeamNG.drive	✗ F1™2023	✗ Need For Speed Heat	(✓) WRC 10
(✓) Bus Simulator21	(✓) Farming Simulator 19	✗ Need For Speed Payback	(✓) WRC Generations
✓ CarX Drift Racing Online	✗ Farming Simulator 22	(✓) OMSI2	(✓) wreckfest
✗ Construction Simulator	(✓) Fernbus Simulator	✓ Overpass2	



[URL : https://stores.horiusa.com/HPC-044U/compatibility](https://stores.horiusa.com/HPC-044U/compatibility)
American Truck Simulator and Euro Truck Simulator 2 are registered trademarks of SCS Software s.r.o. and used under license by HORI. All other trademarks are the property of their respective owners.

Image 4.1: The steering wheel highlighting its large diameter, 1800-degree rotation, and functional steering column levers.

4.2. Shifter Control Panel

- **Button Layout:** The panel includes 30 dedicated buttons for various in-game functions, enhancing control without needing to use the keyboard.
- **Shift Lever:** The ergonomic shift lever has two buttons and two toggle switches.
- **Shifting Modes:** Easily switch between H-Pattern and Sequential shift modes using the dedicated switch.
- **Adjustable Resistance:** A dial on the shifter allows for on-the-fly adjustment of shifter resistance to suit your preference.



Image 4.2: The shifter control panel, illustrating its H-pattern and sequential shift capabilities, along with the resistance adjustment dial.

4.3. Pedal Unit

- **Three-Pedal Design:** Features accelerator, brake, and clutch pedals for comprehensive control.
- **Durable Construction:** Made with durable metal pedals for longevity and a realistic feel.
- **Hall Effect Sensors:** Utilizes Hall Effect sensors for precise and reliable input.



Image 4.3: The robust three-pedal unit, featuring durable metal construction.

5. Game Compatibility

The HORI Force Feedback Truck Control System is compatible with a range of PC simulation titles. Below is a list of tested games. For the most up-to-date compatibility information, please visit the official HORI website.



Image 5.1: A compatibility chart indicating various PC games and their support status with the system.

Compatible Games List (PC - Steam Versions)

Game Title	Compatibility
American Truck Simulator	Fully compatible (✓)
Euro Truck Simulator	Fully compatible (✓)
Euro Truck Simulator 2	Fully compatible (✓)
Art of Rally	Fully compatible (✓)
Assetto Corsa	Fully compatible (✓)
Assetto Corsa Competizione	Fully compatible (✓)
BeamNG.drive	Fully compatible (✓)
Bus Simulator 21	Fully compatible (✓)
DIRT 5	Not compatible (✗)
DIRT RALLY 2.0	Not compatible (✗)
EA Sports WRC	Not compatible (✗)
F1™ 2020	Fully compatible (✓)
F1™ 2021	Fully compatible (✓)
F1™ 2022	Fully compatible (✓)
F1™ 2023	Fully compatible (✓)
Farming Simulator 19	Not compatible (✗)
Farming Simulator 22	Not compatible (✗)

Game Title	Compatibility
Fernbus Simulator	Fully compatible (✓)
FORZA HORIZON 4	Not compatible (✗)
FORZA HORIZON 5	Not compatible (✗)
GRID	Fully compatible (✓)
GRID LEGENDS	Fully compatible (✓)
NASCAR 21 Ignition	Fully compatible (✓)
NASCAR Heat 5	Fully compatible (✓)
Need For Speed Heat	Fully compatible (✓)
Need For Speed Payback	Fully compatible (✓)
OMSI 2	Fully compatible (✓)
Overpass 2	Fully compatible (✓)
Project Cars 2	Fully compatible (✓)
Project Cars 3	Fully compatible (✓)
Snowrunner	Fully compatible (✓)
The Bus	Fully compatible (✓)
The Crew 2	Not compatible (✗)
WRC 9	Not compatible (✗)
WRC 10	Not compatible (✗)
WRC Generations	Not compatible (✗)
Wreckfest	Fully compatible (✓)

For the latest compatibility information and updates, please visit: [HORI HPC-044U Compatibility Page](#)

6. Maintenance

To ensure the longevity and optimal performance of your HORI Truck Control System, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe down the steering wheel, shifter, and pedals. Avoid abrasive cleaners or solvents that could damage the finish.
- **Storage:** When not in use, store the system in a clean, dry place away from direct sunlight and extreme temperatures.
- **Cable Care:** Avoid sharp bends or kinks in the cables. Do not pull on the cables to disconnect the units.

7. Troubleshooting

If you encounter issues with your HORI Truck Control System, refer to the following common solutions:

- **No Power/No Recognition:**

- Ensure all cables are securely connected, including the power adapter and USB cables to the PC.
- Try connecting to a different USB port on your PC.
- Restart your PC.

- **Force Feedback Not Working:**

- Verify that force feedback is enabled in your game's settings.
- Check for updated drivers or firmware on the HORI website.

- **Buttons/Pedals Not Responding:**

- Ensure the device is properly recognized by your PC and game.
- Calibrate the controller through your PC's game controller settings.
- Check in-game control settings for proper mapping.

- **Shifter Issues:**

- Confirm the shifter mode (H-Pattern or Sequential) is correctly set for your game.
- Adjust the shifter resistance dial.

For further assistance, please contact HORI customer support.

8. Specifications

Feature	Detail
Model Number	HPC-044U
Compatibility	Windows 11/10
Steering Wheel Diameter	15.8 inches (40 cm)
Rotation Angle	1800 degrees
Force Feedback	Dual Motor
Steering Wheel Inputs	39 buttons, Dual Analog Sticks, 2 Steering Column Levers
Shifter Panel Inputs	30 buttons, Ergonomic Shift Lever (2 buttons, 2 toggle switches)
Shifter Modes	H-Pattern, Sequential (adjustable resistance)
Pedal Unit	Three-pedal (Accelerator, Brake, Clutch) with durable metal pedals and Hall Effect sensors
Connectivity	USB (9-foot / 2.7 meter cable)
Item Weight	12.5 pounds
Package Dimensions	25 x 17.5 x 16 inches
Manufacturer	HORI
Release Date	September 20, 2024

9. Warranty and Support

HORI products are manufactured with high-quality standards. For information regarding warranty coverage, technical support, or replacement parts, please refer to the warranty card included with your product or visit the official HORI support website.

HORI Official Website: <https://stores.horiusa.com/>