

## Dardoo Racing Wheel Stand with Red Seat

# Dardoo G29 Adjustable Gaming Sim Cockpit with Red Seat Instruction Manual

Model: Racing Wheel Stand with Red Seat

Brand: Dardoo

## 1. INTRODUCTION

This instruction manual provides comprehensive guidance for the safe and effective assembly, adjustment, operation, and maintenance of your new Dardoo G29 Adjustable Gaming Sim Cockpit with Red Seat. This racing cockpit is designed to enhance your simulation racing experience by providing a stable and highly adjustable platform for your steering wheel, pedals, and shifter. Please read this manual thoroughly before assembly and use to ensure optimal performance and longevity of your product.



Figure 1: Fully assembled Dardoo G29 Adjustable Gaming Sim Cockpit with Red Seat.

## 2. SAFETY INFORMATION

- Ensure all bolts and fasteners are securely tightened before each use. Loose components can lead to instability and potential injury.
- Keep hands and fingers clear of moving parts during adjustment to prevent pinching or crushing.
- Do not exceed the maximum weight limit of 300 lbs (136 kg) for the frame.
- Place the cockpit on a stable, level surface to prevent tipping. The rubber feet are designed to enhance grip and protect flooring.
- This product is intended for gaming simulation purposes only. Do not use for any other unintended applications.
- Keep small parts and tools out of reach of children.

## 3. PACKAGE CONTENTS

Your Dardoo Gaming Sim Cockpit is shipped in two separate packages: one for the racing seat and one for the cockpit stand. Please verify all components are present before beginning assembly.

**Note:** Steering wheel, gear shifter, and pedals are not included with this product and must be purchased separately.

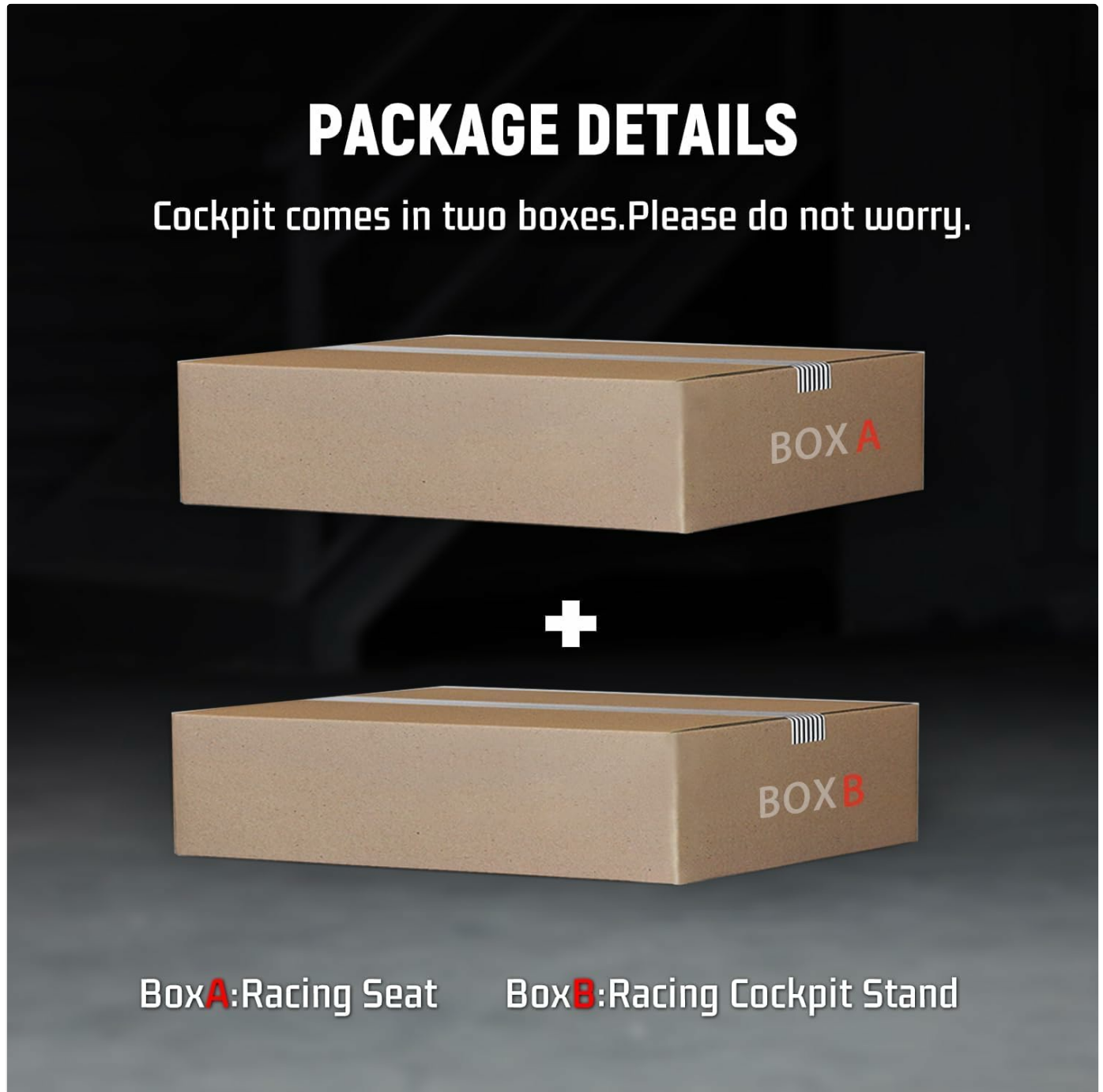


Figure 2: Packaging for the Dardoo Gaming Sim Cockpit, showing two boxes.



Figure 3: Exploded view of the cockpit stand components.

Refer to the included parts list in your physical manual for a complete inventory of all nuts, bolts, and frame pieces.

## 4. ASSEMBLY INSTRUCTIONS

Follow these steps carefully to assemble your Dardoo Gaming Sim Cockpit. It is recommended to have a clear, open space for assembly.

### 4.1. Cockpit Stand Assembly

1. **Assemble the Base Frame:** Connect the main base sections using the provided bolts and Allen wrench. Ensure all connections are snug but do not overtighten until all components are in place.
2. **Attach the Pedal Plate:** Secure the pedal plate to the front section of the base frame. This plate is adjustable for angle and distance.
3. **Install the Steering Wheel Support:** Mount the vertical support arms for the steering wheel platform to the main frame. Attach the steering wheel platform to these arms.
4. **Mount the Shifter Bracket:** Attach the shifter bracket to either the left or right side of the seat frame, depending on your preference. This bracket is also adjustable.
5. **Install Rubber Feet:** Screw the eight rubber feet into the designated holes on the bottom of the frame. These provide stability and protect your floor.

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Video 1: Detailed assembly steps for the Dardoo Racing Simulation Cockpit stand.

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Video 2: Comprehensive assembly and feature overview of the red Dardoo Racing Simulation Cockpit.

### 4.2. Racing Seat Installation

1. **Prepare the Seat:** Ensure the seat's slide rails are properly aligned.
2. **Attach Seat Brackets:** Secure the seat brackets to the bottom of the racing seat using the provided hardware.
3. **Mount Seat to Frame:** Carefully align the seat brackets with the designated mounting points on the cockpit frame and secure them with bolts.

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Video 3: Installation guide for the Dardoo red racing seat and its mounting to the cockpit frame.

## 5. ADJUSTMENTS AND CUSTOMIZATION

The Dardoo Gaming Sim Cockpit offers extensive adjustability to suit various user heights and preferences, ensuring a comfortable and immersive racing experience.

- **Steering Wheel Height:** The steering wheel stand's height is fully adjustable to accommodate different users. Loosen the adjustment knobs, set to desired height, and re-tighten.
- **Shifter Position:** The shifter can be mounted on either the left or right side. Its height and fore-aft position are adjustable using the four designated holes.
- **Pedal Angle and Distance:** The pedal plate can be adjusted for angle and distance to optimize comfort and control.
- **Seat Back Angle:** The racing seat features an adjustable back angle for personalized comfort during long gaming sessions.
- **Seat Slide:** The seat can slide forward and backward on its rails, similar to a real car seat, allowing for quick adjustments.



Figure 4: Multi-position adjustment capabilities of the cockpit.



# ERGONOMIC RACING SEAT



Figure 5: Ergonomic racing seat features, including backrest adjustment.

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Video 4: Demonstration of various adjustments on the Racing Simulation Cockpit.

## 6. COMPATIBILITY

This racing sim cockpit is designed for broad compatibility with most major brands of steering wheels, pedals, and shifters. It supports:

- Logitech G25, G27, G29, G920, G923
- Fanatec (various models)
- Thrustmaster T300RS, TX F458, T500RS
- PXN series racing wheels

The cockpit supports drilling installation for devices not directly compatible with pre-drilled holes, ensuring flexibility without affecting structural integrity.



**Note: Electronics are not included.**

## COMPATIBLE WITH MOST WHEELS

Fit for Logitech / Thrustmaster / PXN series racing wheels, pedals and gears. [ Except Direct drive steering wheels ]



Figure 6: Visual representation of compatible racing peripherals.

### 7. OPERATING INSTRUCTIONS

Once assembled and your racing peripherals are securely mounted, ensure all connections (power, USB, etc.) for your steering wheel, pedals, and shifter are correctly made according to their respective manufacturer's instructions. Adjust the cockpit to your preferred driving position using the various adjustment points. The stable carbon steel frame and rubber feet are designed to minimize movement during intense gameplay.

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Video 5: Demonstration of the Dardoo Racing Simulator Cockpit with seat in use.

### 8. MAINTENANCE

- **Cleaning:** The painted carbon steel surface and artificial leather seat can be wiped clean with a damp cloth. Avoid abrasive cleaners or solvents.

- **Inspection:** Periodically check all bolts and fasteners to ensure they remain tight. Re-tighten as necessary.
- **Storage:** If storing the cockpit, ensure it is in a dry environment to prevent rust. The compact design allows for easier storage when not in use.

## 9. TROUBLESHOOTING

| Problem   | Possible Cause  | Solution  |
|---|---|---|
| Cockpit feels unstable or wobbly.                         | Loose bolts or uneven surface.                                      | Ensure all assembly bolts are securely tightened. Adjust the leveling feet to compensate for uneven flooring.   |
| Difficulty adjusting components (wheel, pedals, shifter). | Adjustment knobs not sufficiently loosened or components are stuck. | Fully loosen the relevant adjustment knobs. Apply gentle force to move components. Ensure no debris is obstructing the slide mechanisms.                                      |
| Peripherals (wheel, pedals, shifter) do not fit.          | Incompatible mounting pattern or incorrect alignment.               | Refer to the compatibility section. If your peripheral is not listed, use the drilling installation option as described in your peripheral's manual and the cockpit's design. |

## 10. SPECIFICATIONS

- **Model:** Racing Wheel Stand with Red Seat
- **Brand:** Dardoo
- **Material:** Carbon Steel (Frame), Artificial Leather (Seat)
- **Product Dimensions:** 54.7 x 26.9 x 41 inches (L x W x H)
- **Item Weight:** 69.7 pounds
- **Player Height Range:** 4.6 ft - 6.3 ft (1.4 m - 1.9 m)
- **Player Weight Limit:** 300 lbs (136 kg)
- **Compatibility:** Logitech G25/G27/G29/G920/G923, Fanatec, Thrustmaster T300RS/TX F458/T500RS, PXN series (excluding Direct Drive steering wheels)





Adjustable  
multiple angles



Rubber foot pads



High Compatibility



**Note: Electronics are not included.**

Figure 7: Key features and dimensions of the cockpit.

## 11. WARRANTY AND SUPPORT

For warranty information, technical support, or any inquiries regarding your Dardoo Gaming Sim Cockpit, please refer to the contact information provided with your purchase documentation or visit the official Dardoo website. Please retain your proof of purchase for warranty claims.

If you encounter problems, you can contact us and we will provide you with solutions.

**Manufacturer:** Dardoo