

# aikeec 64-Bit PC USB Handbrake Instruction Manual

Model: 121

## 1. INTRODUCTION

This manual provides essential information for the proper setup, operation, and maintenance of your aikeec 64-Bit PC USB Handbrake. Please read this manual thoroughly before use to ensure optimal performance and longevity of the product.

## 2. SAFETY INFORMATION

- Ensure all connections are secure before operation.
- This product is designed for PC Windows only. Do not attempt to connect it to Xbox, PlayStation, or Mac systems.
- Keep the device away from liquids and extreme temperatures.
- Do not attempt to disassemble or modify the device, as this may void the warranty and cause damage.
- Use only the provided accessories and tools for assembly and adjustment.

## 3. PACKAGE CONTENTS

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

- aikeec 64-Bit PC USB Handbrake Unit
- Mounting Clamp (if applicable to your model)
- USB Cable (2 meters, Nylon braided)
- Handle
- Handle Screws and Nuts
- Wrench
- Reinforced Spring (additional)

- Instruction Sheet (basic assembly guide)



Image 3.1: The aikeyc 64-Bit PC USB Handbrake with its components, including the main unit, handle, mounting clamp, USB cable, and assembly hardware.

## 4. SETUP AND INSTALLATION

Follow these steps to assemble and install your handbrake:

### 4.1. Assemble the Handle

1. Align the handle with the main handbrake unit.
2. Insert the provided screws through the handle and the unit.
3. Secure with washers and nuts. Use the included wrench to tighten firmly.

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Video 4.1: Official installation instructions for the aikeyc USB Handbrake, demonstrating the assembly of the handle and mounting clamp.

# FULLY ADJUSTABLE

Adapt to the habits and heights of different racers

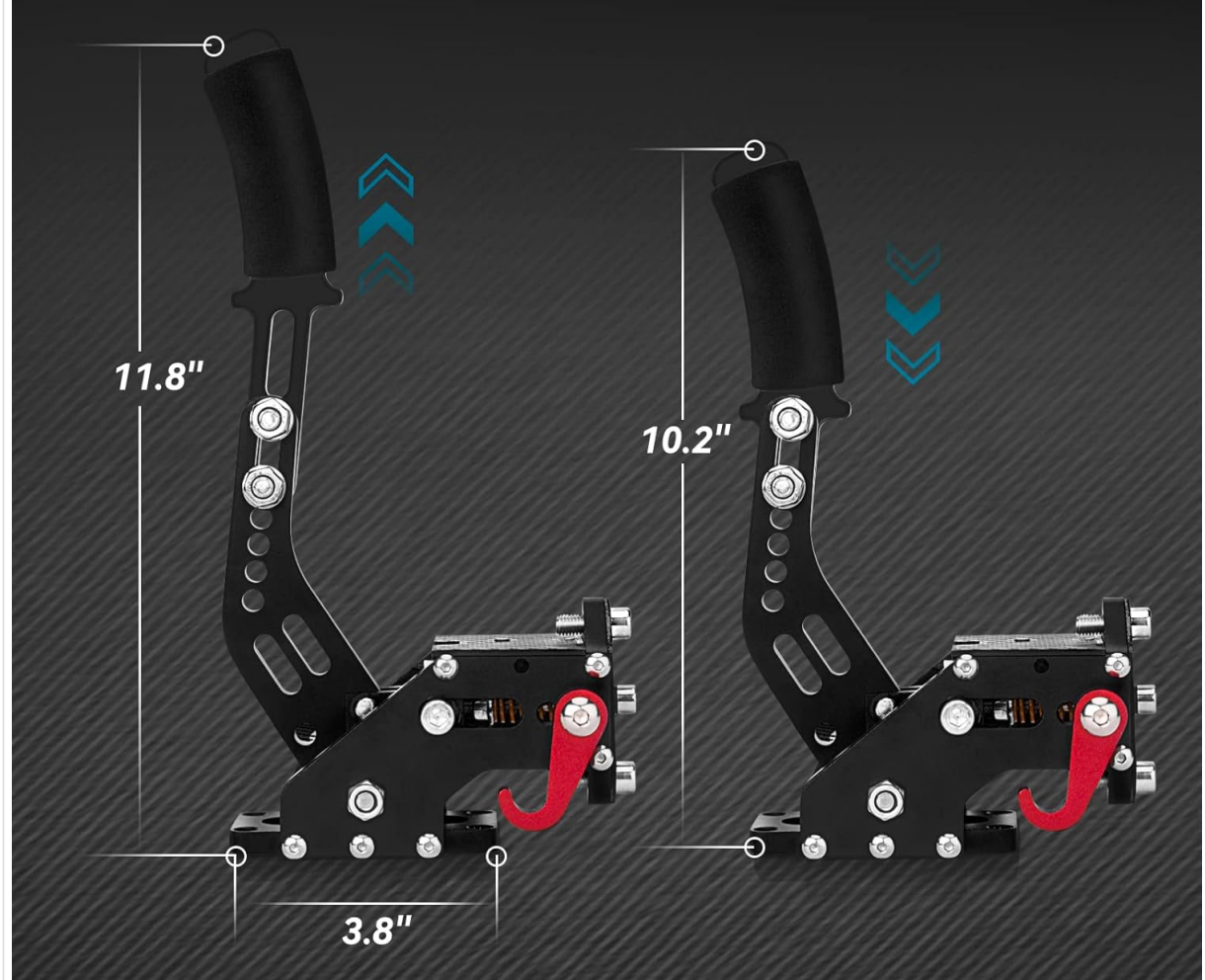


Image 4.1: Close-up view of the handbrake handle being attached to the main unit using screws and nuts.

## 4.2. Assemble the Clamp (if included)

1. Attach the clamp base to the handbrake unit using the designated screws and nuts.
2. Ensure the clamp is securely fastened to provide stability.



Image 4.2: Components of the mounting clamp, including the U-shaped bracket, tightening screw, and protective pad, ready for assembly.

### 4.3. Install the Handbrake to a Desk or Rig

1. Position the handbrake with the assembled clamp on your desk or racing rig.
2. Tighten the clamp screw until the handbrake is firmly secured and does not move during use.
3. Connect the USB cable from the handbrake to an available USB port on your PC.



Image 4.3: The aikeec USB Handbrake securely mounted to a desk, ready for use in a PC sim racing setup.

## 5. OPERATING INSTRUCTIONS

The aikeec 64-Bit PC USB Handbrake is a plug-and-play device for PC Windows. No additional drivers are typically required.

1. Connect the handbrake to your PC via USB. Your operating system should automatically recognize it as a game controller.
2. Launch your preferred sim racing game.
3. Navigate to the game's controller settings or key binding menu.
4. Locate the "Handbrake" or "E-brake" function and assign it to the physical handbrake axis. The device uses a non-contact Hall sensor for precise input.
5. Test the handbrake in-game to ensure proper functionality and sensitivity.

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Video 5.1: Demonstration of the aikeec USB Handbrake in use with a racing simulator, highlighting its responsiveness and integration.

## 6. COMPATIBILITY

The aikeep 64-Bit PC USB Handbrake is designed for broad compatibility with PC Windows operating systems (Windows 7/8/10/11) and popular sim racing games.

### 6.1. Supported Steering Wheels:

- Logitech G27, G25, G29, G920, G923
- Thrustmaster T500, T300
- FANATECOSW (Fanatec ClubSport Wheel)
- And most other steering wheels with handbrake options in simulation games.

### 6.2. Supported Games:

- ETS2/ATS (Euro Truck Simulator 2 / American Truck Simulator)
- Forza Horizon 4/5
- Assetto Corsa
- DiRT Rally 2
- Project CARS 2/3
- WRC 7/8/9
- And many other simulation games that support external handbrake input.

**Note: This handbrake is NOT compatible with XBOX ONE, PS4/5, or MAC systems.**

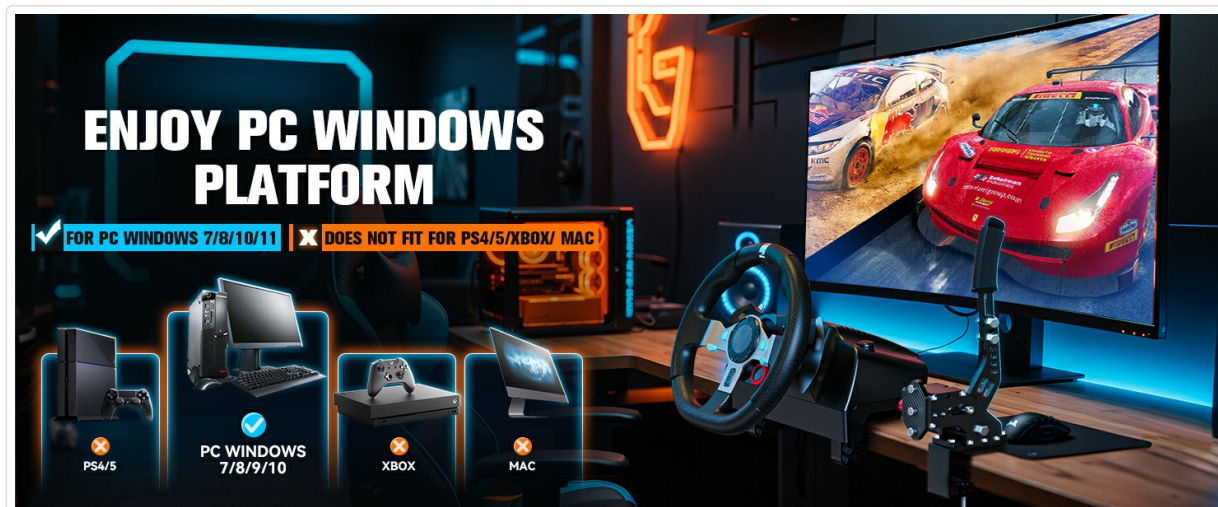


Image 6.1: Visual representation of the handbrake's compatibility with PC Windows and its incompatibility with console and Mac platforms.

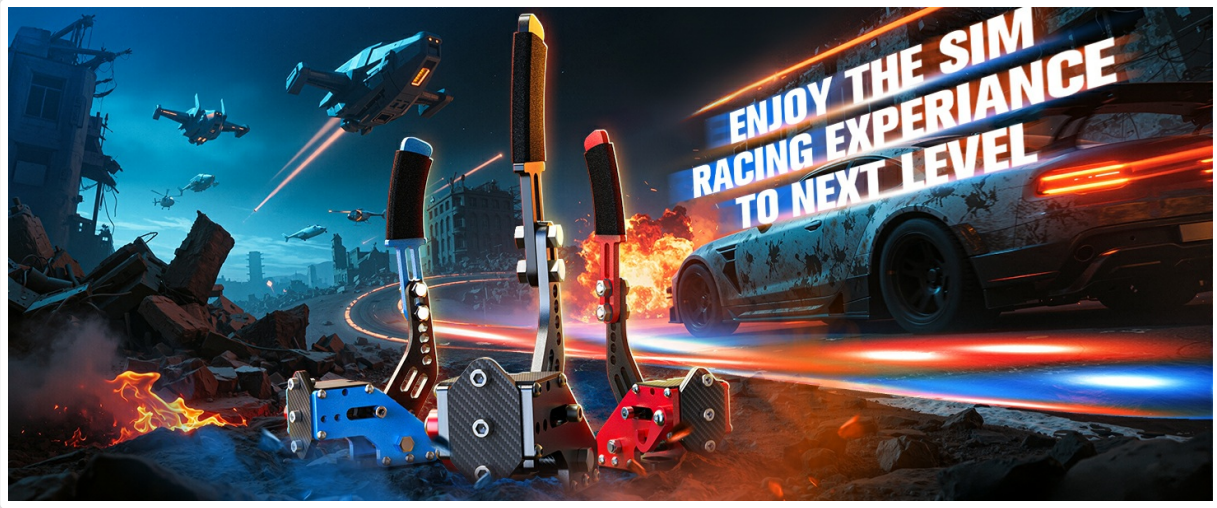


Image 6.2: Examples of popular sim racing games that are compatible with the aikeec USB Handbrake.

## 7. ADJUSTMENTS

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The aikeec handbrake offers several adjustment options to customize your racing experience:

### 7.1. Handle Height Adjustment

The height of the handbrake handle can be adjusted to suit your preference and racing setup. Use the provided tools to loosen the handle screws, slide the handle to the desired height, and then re-tighten the screws.

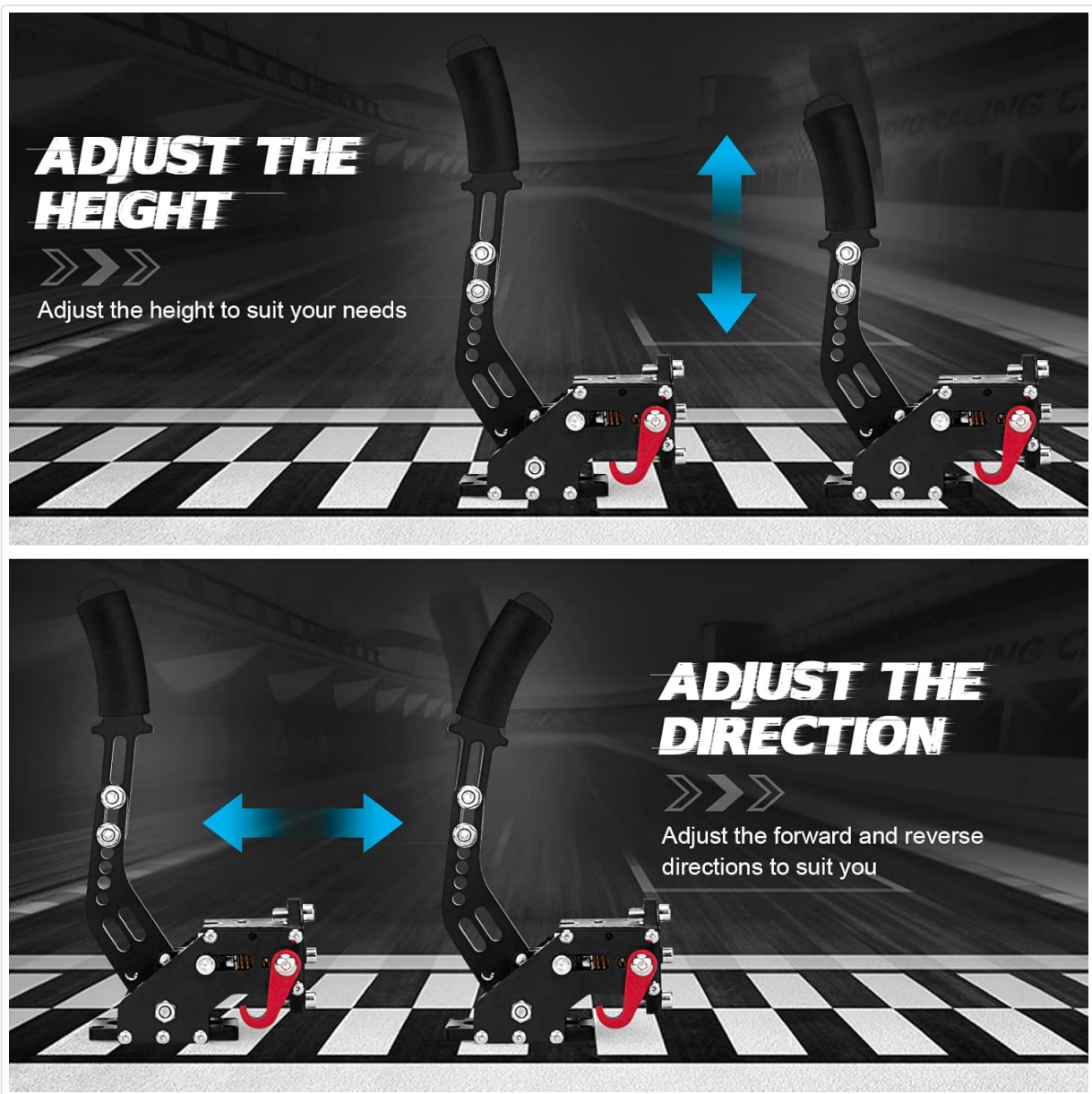


Image 7.1: Illustration demonstrating the adjustable height feature of the handbrake handle.



Image 7.2: A visual guide to adjusting the handbrake handle to a comfortable height.

## 7.2. Handle Direction Adjustment

The angle of the handle can be adjusted to fit different steering wheel seats, brackets, and cockpit configurations. Loosen the appropriate screws, adjust the handle's forward or reverse direction, and then re-tighten.





<h1>OTHERS</h1>	<h1>OURS</h1> 
 <p>It is made of plastic and break easily</p>	 <p>Cable is made of high quality nylon material</p>
 <p>Use hot melt glue to connect, easy to loosen</p>	 <p>The interface and the chip are integrated and will not fall off</p>

Image 7.3: Illustration demonstrating the adjustable direction feature of the handbrake handle.



**HANDLE DIRECTION**

**ADJUSTABLE**  
Adapt to the Direction Via Your Need

Image 7.4: A visual guide to adapting the handle direction to your specific needs.

### 7.3. Spring Tension Adjustment

The handbrake comes with a pre-installed spring and an additional reinforced spring. You can swap these springs to adjust the resistance and feel of the handbrake pull. The reinforced spring provides a firmer pull, suitable for users who prefer higher strength feedback.



Image 7.5: Illustration comparing the conventional spring and the extra reinforced spring for customizable tension.

## 8. MAINTENANCE

- Regularly check all screws and nuts for tightness. Re-tighten if necessary to maintain stability and performance.
- Keep the device clean by wiping it with a soft, dry cloth. Avoid using harsh chemicals or abrasive cleaners.
- Inspect the USB cable for any signs of wear or damage. Replace if necessary. The nylon braided cable is designed for durability.
- The non-contact Hall sensor is designed for long-term accuracy and typically requires no maintenance.

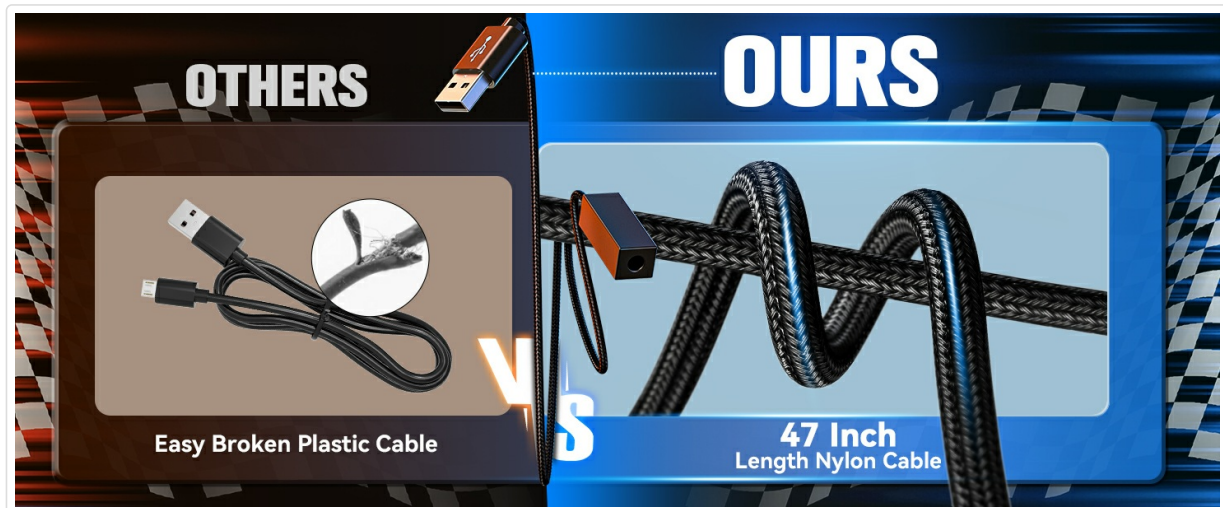


Image 8.1: The 2-meter nylon braided USB cable, designed for enhanced durability and resistance to wear.

## 9. TROUBLESHOOTING

Problem	Possible Cause	Solution
Handbrake not recognized by PC.	Loose USB connection, faulty USB port, or incompatible operating system.	Ensure USB cable is securely connected to both the handbrake and the PC. Try a different USB port on your PC. Verify your PC is running Windows 7/8/10/11. Restart your PC.

Problem	Possible Cause	Solution
Handbrake not working in-game.	Incorrect game settings or game incompatibility.	<p>Check the game's controller settings to ensure the handbrake axis is correctly assigned.</p> <p>Confirm the game supports external handbrake devices.</p> <p>Ensure the game is running on a compatible PC Windows system.</p>
Loose or wobbly handle/unit.	Loose assembly screws or clamp.	<p>Tighten all handle assembly screws and nuts using the provided wrench.</p> <p>Ensure the mounting clamp is securely fastened to your desk or rig.</p>
Handbrake feels too stiff or too loose.	Spring tension preference.	Consider swapping the installed spring with the additional reinforced spring for a different feel (refer to Section 7.3).

## 10. SPECIFICATIONS

Feature	Detail
Model Number	121
Connectivity	USB (Plug and Play)
Sensor Type	64-Bit Non-Contact Hall Sensor
Cable Length	2 meters (Nylon Braided)
Compatibility	PC Windows (7/8/10/11)
Adjustability	Handle Height, Handle Direction, Spring Tension
Product Dimensions	8 x 7 x 5 inches
Item Weight	3.3 pounds
Manufacturer	aikeec

## 11. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the official aikeec website or contact your retailer. Keep your purchase receipt as proof of purchase.

For specific inquiries regarding game fitment or settings, please contact aikeec customer service.

