

UNIHOW HD6700

UNIHOW Wired Gaming Controller HD6700 Instruction Manual

Model: HD6700

1. INTRODUCTION

Thank you for choosing the UNIHOW Wired Gaming Controller HD6700. This manual provides essential information for setting up, operating, and maintaining your new gaming controller. Please read this manual thoroughly before use to ensure optimal performance and longevity of the product.

2. PRODUCT OVERVIEW

The UNIHOW HD6700 is a versatile wired gaming controller designed for a wide range of platforms. It features Hall Effect linear triggers, programmable back buttons, a Turbo function, and dual vibration motors for an immersive gaming experience. Its ergonomic design ensures comfort during extended play sessions.



Image 2.1: Front and back view of the UNIHOW Wired Gaming Controller HD6700, showcasing its ergonomic shape and button layout.

3. COMPATIBILITY

This wired game controller offers broad compatibility with various gaming platforms:

- Windows (Xinput & Dinput)
- Steam
- Epic Games
- Nintendo Switch (Note: 6-Axis Gyro function is not supported)
- Laptop
- Vista
- TV Box
- PlayStation 3 (PS3)

- Tesla vehicles
- Android 4.0 & up (Note: OTG adapter required, not included)

Not compatible with: Xbox 360, Xbox One, Mac, iOS, PlayStation 4, Amazon Fire TV, Amazon Fire Stick.



Image 3.1: Visual representation of the controller's compatibility with various platforms including Switch, Android, PC, Tesla, Steam, and PS3.

4. SETUP INSTRUCTIONS

4.1. Connecting the Controller (Plug & Play)

1. Locate an available USB port on your desired gaming device (PC, Switch dock, PS3, TV Box, Tesla, etc.).
2. Plug the USB connector of the UNIHOW HD6700 controller into the USB port.
3. The controller is designed for plug-and-play functionality and should be recognized automatically by most compatible systems.
4. The channel light on the controller will illuminate, indicating a successful connection.

The controller features a 10-foot (approximately 3-meter) USB cable, allowing for comfortable gaming from a distance.



Image 4.1: The UNIHOW controller connected via its 10-foot nylon fiber USB cable, emphasizing its plug-and-play nature.

Note for Mobile Phones and Tesla: For mobile phones and Tesla models that lack standard USB ports, an additional interface converter (OTG adapter) may be necessary and is not included with the controller.

5. OPERATING THE CONTROLLER

5.1. Switching Operating Modes

The controller supports different operating modes to ensure compatibility across various platforms. To switch between modes:

- Press and hold the **START** button and the **BACK** button simultaneously for 3 seconds.
- The channel light on the controller will change color, indicating a successful mode switch. Refer to your device's specific requirements for the correct mode.



Image 5.1: Illustration demonstrating the process of switching controller modes by pressing and holding the START and BACK buttons, indicated by a change in the channel light color.

5.2. Hall Effect Linear Triggers

The Hall Effect linear triggers utilize electromagnetic induction technology, providing precise and responsive control. With a 9mm stroke, they can produce 255 levels of change, offering accuracy down to 0.1mm for each pull. This allows for fine-tuned control, particularly beneficial in racing games for throttle and braking.



Image 5.2: Detailed view of the Hall Effect Linear Trigger, highlighting its precise control capabilities with 255 levels of input.

5.3. Programmable Back Buttons (Macro Function)

The controller features two programmable back buttons (PR and PL) that can be mapped to a single button or a sequence of buttons. This macro function allows you to execute complex commands with a single press, freeing your fingers and potentially enhancing your gameplay.

- To program a back button, press the **SET** button, then press the back button (PR or PL) you wish to program.
- Next, press the button(s) or sequence of buttons you want to map.
- Press the **SET** button again to save the mapping.

- Refer to the specific game or application for optimal button mapping strategies.



Image 5.3: The rear of the controller, illustrating the location of the programmable PR and PL back buttons and the SET button for macro configuration.

5.4. Turbo Function

The Turbo function allows a button to be repeatedly pressed automatically as long as it is held down. This can be useful for rapid-fire actions in certain games.

- To activate Turbo for a button: Press and hold the desired button, then press the **Turbo** button (often labeled 'T' or a

similar icon).

- To deactivate Turbo: Repeat the process.
- Some controllers may offer an "Auto Turbo" mode, which continuously fires without holding the button. Consult the controller's specific button layout for details.



Image 5.4: A close-up of the controller's face, highlighting the Turbo button and its interaction with the main action buttons.

5.5. Dual Vibration Motors

Embedded in the side grips, dual vibration motors provide distinct haptic feedback during gameplay. This enhances immersion and realism by simulating in-game events such as impacts, explosions, or engine rumble.



Image 5.5: An internal view diagram illustrating the placement of the dual vibration motors within the controller's ergonomic grips.

5.6. Ergonomic Design

The controller features an optimized shape with a streamlined design and textured grips. This anti-sweat material and ergonomic contour are designed to provide a comfortable and secure hold, reducing fatigue during long gaming sessions and improving overall control.



Image 5.6: A detailed image showcasing the ergonomic curves and textured surface of the controller's grips, designed for enhanced comfort and anti-slip properties.

6. MAINTENANCE AND CARE

Proper maintenance ensures the longevity and optimal performance of your UNIHOW HD6700 controller.

- **Cleaning:** Use a soft, dry cloth to wipe the surface of the controller. For stubborn dirt, a slightly damp cloth with mild soap can be used, followed by a dry wipe. Avoid harsh chemicals or abrasive materials.
- **Storage:** Store the controller in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cable Care:** Avoid sharply bending or twisting the USB cable. Do not pull the cable to disconnect the controller; always grasp the USB plug.
- **Avoid Liquids:** Keep the controller away from liquids to prevent internal damage.
- **Impact:** Do not drop or subject the controller to strong impacts, as this can damage internal components.

7. TROUBLESHOOTING

If you encounter issues with your UNIHOW HD6700 controller, please refer to the following common solutions:

Problem	Possible Solution
Controller not recognized by device.	<ul style="list-style-type: none">◦ Ensure the USB cable is securely plugged into both the controller and the device.◦ Try a different USB port on your device.◦ Restart your device (PC, console, etc.).◦ Verify device compatibility (refer to Section 3).◦ For Android/Tesla, ensure an OTG adapter is used if required.

Problem	Possible Solution
Buttons or joysticks are unresponsive or erratic.	<ul style="list-style-type: none">◦ Check if the controller is in the correct operating mode for your device (refer to Section 5.1).◦ Ensure no debris is lodged around the buttons or joysticks.◦ Test the controller on another compatible device to rule out a device-specific issue.◦ Update device drivers if using on a PC.
Vibration function is not working.	<ul style="list-style-type: none">◦ Ensure the game or application supports vibration feedback.◦ Check in-game settings to confirm vibration is enabled.◦ Some platforms or games may not fully support vibration with third-party controllers.
Turbo or Macro functions not working.	<ul style="list-style-type: none">◦ Review the programming steps in Section 5.3 and 5.4 carefully.◦ Ensure the buttons are correctly assigned.◦ Some games may override or not fully support these functions.

8. PRODUCT SPECIFICATIONS

- **Model:** HD6700
- **Connection Type:** Wired USB
- **Cable Length:** 10 feet (approximately 3 meters)
- **Trigger Technology:** Hall Effect Linear Triggers (255 levels of change, 0.1mm accuracy)
- **Vibration:** Dual Vibration Motors
- **Special Features:** Programmable Back Buttons (Macro), Turbo Function
- **Compatibility:** Windows (Xinput & Dinput), Steam, Epic, Switch (no 6-Axis Gyro), Laptop, Vista, TV Box, PS3, Tesla, Android 4.0+ (OTG adapter required for some devices)
- **Dimensions:** 7.36 x 6.22 x 2.6 inches (Package Dimensions)
- **Weight:** 11.7 ounces (Item Weight)
- **Manufacturer:** UNIHOW
- **Date First Available:** October 8, 2024

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your purchase or contact UNIHOW customer service through the retailer where the product was purchased. Please retain your proof of purchase for warranty claims.

Manufacturer: UNIHOW

Seller: UNIHOW Gamepad Shop

