

[Manuals.plus](#) /

› [Thunderobot](#) /

› Thunderobot G45 Pro Wireless PC Controller User Manual

Thunderobot G45PRO

Thunderobot G45 Pro Wireless PC Controller User Manual

Model: G45PRO

1. PRODUCT OVERVIEW

The Thunderobot G45 Pro is a versatile wireless PC controller designed for a wide range of gaming platforms including Windows PC, Nintendo Switch, iOS, and Android devices. It features advanced Hall Effect joysticks and triggers for precise control, a built-in gyroscope for immersive gameplay, and customizable RGB lighting. Its ergonomic design ensures comfortable use during extended gaming sessions.



Figure 1: Thunderrobot G45 Pro Wireless PC Controller (White model).

2. KEY FEATURES

- **Built-in 6-Axis Gyro:** Provides enhanced motion control for compatible games, allowing for precise aiming and navigation through tilting and rotation.

ONE-BUTTON WAKE UP FOR SWITCH



6-AXIS GYRO UNLEASH THE POTENCIAL



Figure 2: Visual representation of the 6-axis gyro technology within the controller.

- **Hall Effect Sensing Sticks:** Equipped with durable Hall-effect sensing sticks that offer accurate, anti-drift glide for superior control and precision.

HALL EFFECT STICK ✓

SEAMLESS GILDE DRIFE-FREE



Figure 3: Diagram illustrating the Hall Effect sensing sticks for seamless, drift-free operation.

- **Hall Effect Analog Triggers:** Revolutionizes gaming with lightning-fast response times and extended longevity, providing unmatched precision and speed in various gaming genres.

HALL EFFECT TRIGGERS ✓

RAPID RESPONSE PRECISION

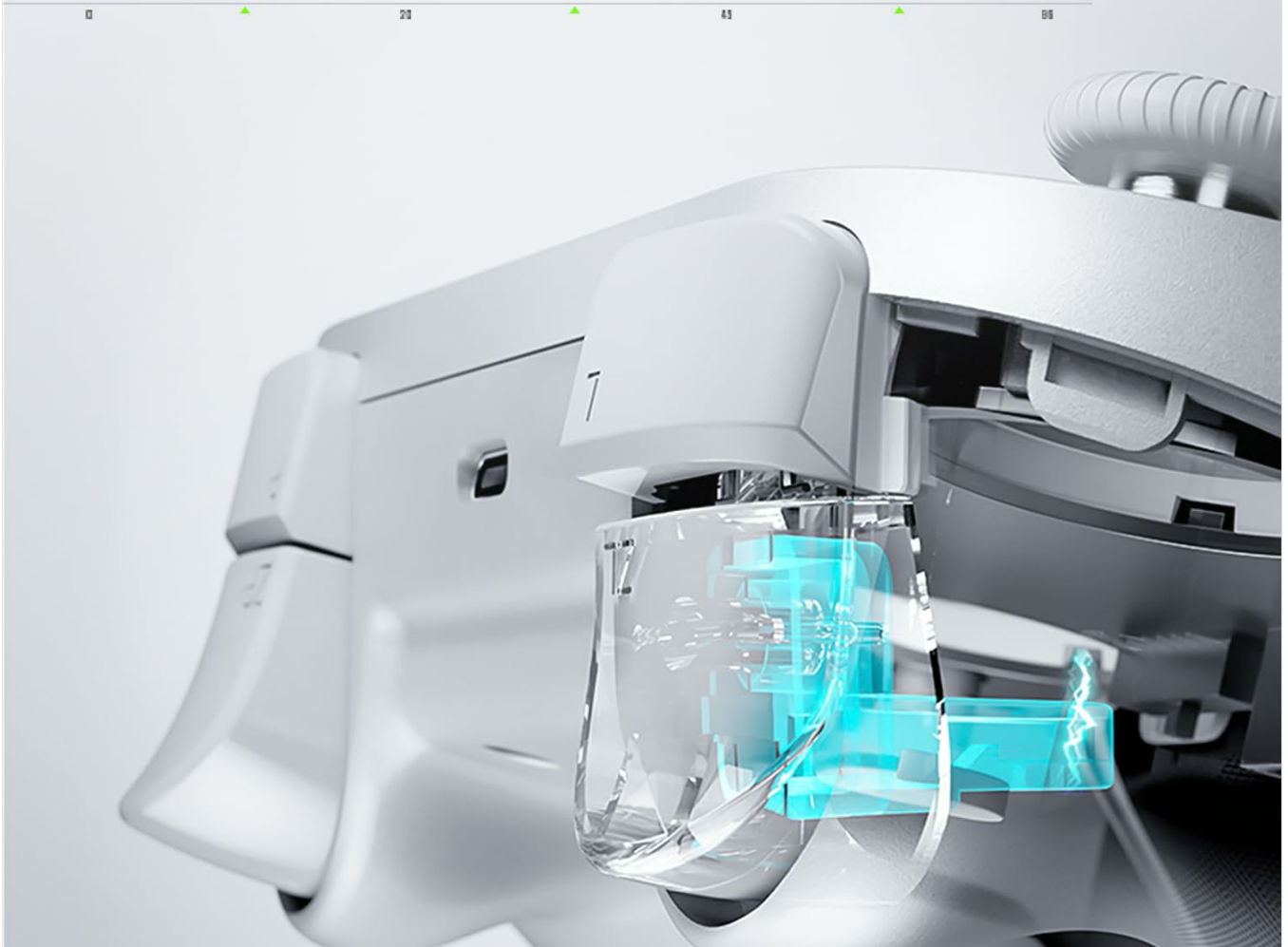


Figure 4: Close-up view of the Hall Effect analog triggers, highlighting their rapid response precision.

- **Tri-mode Connectivity:** Supports wired, Bluetooth, and 2.4G wireless connections, ensuring broad compatibility with PC, Switch (wired), Android TV/projector, native mobile games, and most car platforms.

✓ VERSATILE CONNECTIVITY

CROSS-PLATFORM GAMING

Supports Multiple Platforms: NS, PC, TV, Mobile, Car Console, and More.

Not Compatible with Android Virtual Touch Controls.



Figure 5: Visual representation of the controller's versatile connectivity options across multiple platforms.

- **Ergonomic Design:** Features an asymmetrical grip and contour design that comfortably fits most hand sizes, providing comfort for prolonged gaming sessions.



Figure 6: Image depicting the ergonomic design of the controller for comfortable palm-hugging comfort.

- **Fully Mechanical Buttons:** Offers an ultimate tactile experience with light touch switches for triggers, mechanical tactile switches for rear buttons, and Kailh Micro Switches for ABXY buttons.



Figure 7: Detailed diagram showcasing the fully mechanical buttons for enhanced tactile feedback.

- **Ambient Circular RGB Lighting:** Customize RGB colors and modes to personalize your gaming experience.

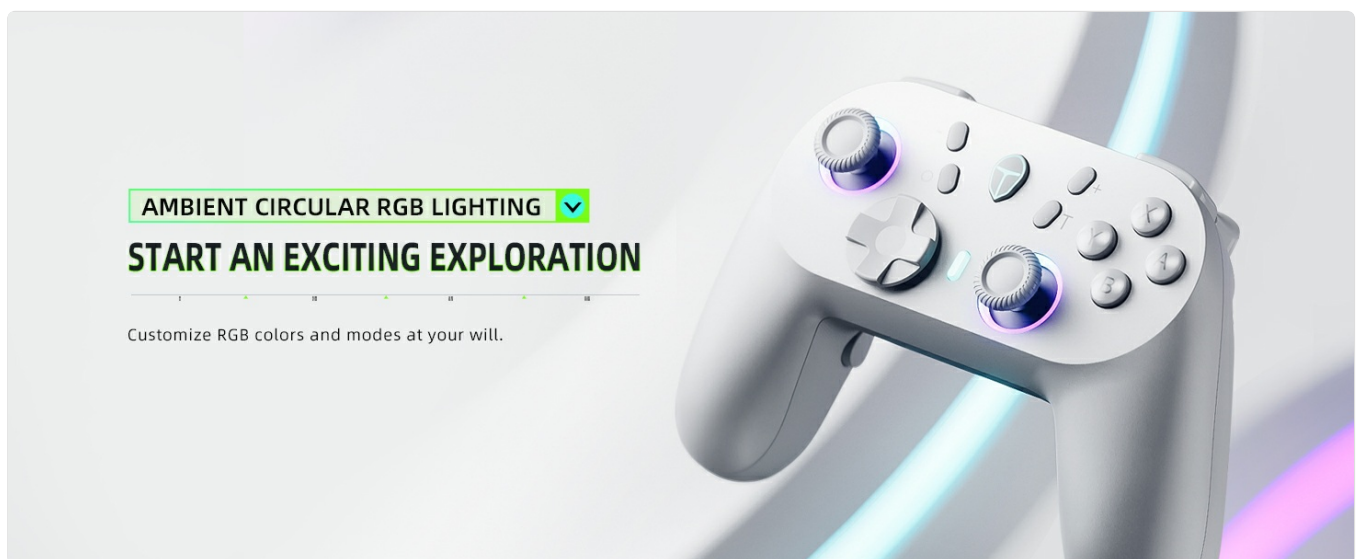


Figure 8: The controller illuminated with ambient circular RGB lighting.

- **Dedicated Macro Programming Button:** Equipped with two ergonomic rear buttons for storing values or combos, offering adjustable manual and auto turbo rapid fire control. **Built-in NFC:** NFC embedded for enhanced versatility, particularly for Switch wake-up functionality.



Figure 9: Illustration of the dedicated macro programming button for turbo rapid fire control.

- **Built-in NFC:** NFC embedded for enhanced versatility, particularly for Switch wake-up functionality.

BUILT-IN NFC ✓

NFC EMBEDDED FOR VERSATILITY



Figure 10: Diagram showing the built-in NFC feature for versatile connectivity.

3. SETUP

3.1 Charging the Controller

Before first use, fully charge the controller using the provided USB-C cable. Connect the cable to the controller's USB-C port and the other end to a power source (e.g., PC, USB wall adapter). The RGB lights will indicate charging status and turn off when fully charged.

3.2 Connecting to Devices

The G45 Pro supports three connection modes: wired, Bluetooth, and 2.4G wireless.

3.2.1 Wired Connection

Connect the controller directly to your PC or Nintendo Switch using the USB-C cable. The controller will be automatically recognized and ready for use. This mode is recommended for lowest latency and for charging while playing.

3.2.2 2.4G Wireless Connection (for PC)

1. Insert the 2.4G wireless dongle into an available USB port on your PC.
2. Turn on the controller. It should automatically pair with the dongle.
3. If pairing does not occur automatically, press and hold the pairing button on the controller until the indicator lights flash rapidly, then press the pairing button on the dongle.

3.2.3 Bluetooth Connection (for PC, iOS, Android)

1. Ensure Bluetooth is enabled on your device (PC, iOS, or Android).
2. On the controller, press and hold the Bluetooth pairing button (refer to controller diagram for location) until the indicator lights flash rapidly.
3. On your device, search for new Bluetooth devices and select "Thunderobot G45 Pro" from the list.
4. Once connected, the indicator light on the controller will become solid.

4. OPERATING INSTRUCTIONS

4.1 Button Layout and Functions

The Thunderobot G45 Pro features a standard gamepad layout with additional programmable buttons. Familiarize yourself with the button placement for optimal control.

- **ABXY Buttons:** Standard action buttons with Kailh Micro Switches for responsive feedback.
- **D-Pad:** Compact D-pad for immediate activation and precise directional input.
- **Analog Sticks:** Hall Effect sensing sticks for smooth, drift-free 360-degree movement.
- **Shoulder Buttons (L1/R1) & Triggers (L2/R2):** Mechanical shoulder buttons and Hall Effect analog triggers for quick and precise actions.
- **Rear Buttons (M1-M4):** Programmable buttons located on the back for custom macros and rapid fire control.
- **Home Button:** Central button for system functions and waking up the Nintendo Switch.
- **Function Buttons:** Additional buttons for various system-specific functions (e.g., Share, Menu).

4.2 Gyroscope Functionality

The built-in 6-axis gyroscope allows for motion control in supported games. This feature is particularly useful for games on Nintendo Switch, offering enhanced aiming and steering capabilities. For optimal performance on Switch, ensure the controller is connected via wired mode or the one-button wake-up feature is utilized.



Figure 11: The controller's 6-axis gyro and one-button wake-up feature for Nintendo Switch.

4.3 Customizing RGB Lighting

The controller features ambient circular RGB lighting around the analog sticks. Refer to the controller's specific software or button combinations (usually detailed in a quick start guide or online resources) to customize colors and lighting modes according to your preference.

4.4 Turbo Function and Macro Programming

The dedicated macro programming button allows you to assign complex button sequences or rapid-fire functions to the rear buttons. This can be configured for manual or auto turbo rapid fire control, providing a competitive edge in certain games. Consult the full instruction manual or manufacturer's website for detailed programming steps.



Figure 12: Detailed view of the Hall Effect stick module, highlighting its precision and durability.



Figure 13: Detailed view of the Hall Effect triggers, emphasizing their rapid response and precision.

Your browser does not support the video tag.

Video 1: Official product video demonstrating the features and usage of the Thunderobot G45 Pro Wireless PC Controller.

5. MAINTENANCE

5.1 Cleaning

To maintain the controller's condition, regularly wipe its surface with a soft, dry cloth. For stubborn dirt, a slightly damp cloth can be used, ensuring no moisture enters the internal components. Avoid using harsh chemicals or abrasive materials.

5.2 Storage

Store the controller in a cool, dry place away from direct sunlight and extreme temperatures. If storing for an extended period, ensure the battery is partially charged (around 50%) to prolong its lifespan.

5.3 Battery Care

The controller contains a Lithium Polymer battery. To maximize battery life, avoid fully discharging the controller frequently. Charge it when the low battery indicator appears. Do not expose the battery to high temperatures or physical damage.

6. TROUBLESHOOTING

6.1 Connectivity Issues

- **Controller not connecting:** Ensure the controller is charged. Verify the correct connection mode (wired, 2.4G, or Bluetooth) is selected and the device's Bluetooth is on/dongle is properly inserted. Try re-pairing the controller.
- **Input Lag (Bluetooth):** If experiencing lag, try switching to 2.4G wireless or wired connection for lower latency. Ensure no other devices are causing Bluetooth interference.

6.2 Performance Issues

- **Stick Drift:** The Hall Effect joysticks are designed to prevent drift. If you experience any, ensure the controller's firmware is up to date. A controller reset might also resolve minor issues.
- **Buttons Unresponsive:** Check for physical obstructions. Ensure the controller is properly connected and charged.

6.3 General Reset

If the controller is unresponsive or behaving erratically, a soft reset can often resolve the issue. Locate the reset button (often a small pinhole on the back or underside) and use a thin object (like a paperclip) to press and hold it for a few seconds. Then, re-pair the controller with your device.

7. SPECIFICATIONS

Feature	Detail
Model Number	G45PRO
Product Dimensions	6.1 x 4.17 x 2.36 inches
Item Weight	15.2 ounces
Batteries	1 Lithium Polymer battery (included)
Manufacturer	Machenike
Country of Origin	China
Connectivity	Wired, Bluetooth, 2.4G Wireless
Compatibility	Windows PC, Nintendo Switch, iOS, Android

8. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the official Thunderobot website or contact Machenike US STORE directly through your purchase platform. Keep your proof of purchase for warranty claims. For additional resources and frequently asked questions, visit the [Thunderobot Store on Amazon](#).

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question