

GameSir G7 Pro

GameSir G7 Pro Multi-Platform Gaming Controller

Instruction Manual

INTRODUCTION

The GameSir G7 Pro is a versatile gaming controller designed for an enhanced gaming experience across multiple platforms. It features advanced technologies such as Mag-Res TMR sticks for drift-free precision, Hall Effect analog triggers with micro switch stops for responsive control, and a 1000Hz polling rate for PC gaming. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to help you maximize your controller's performance.

PACKAGE CONTENTS

Before you begin, please ensure all items are present in your package:

- GameSir G7 Pro Controller
- USB-C to USB-A Cable (3 meters)
- 2.4GHz Wireless Dongle
- Smart Charging Dock
- Additional Swappable D-pads
- User Manual
- Xbox Game Pass Ultimate Card (if included)

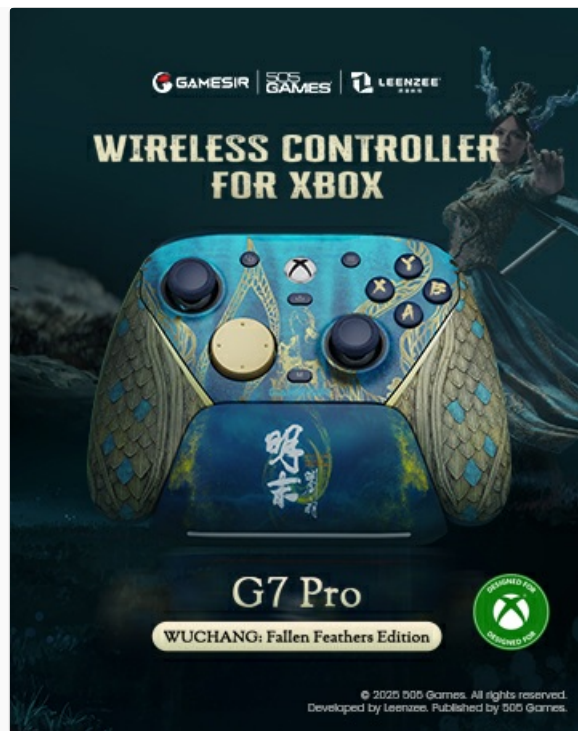


Figure 1: GameSir G7 Pro Package Contents

This image displays the GameSir G7 Pro controller along with its accessories: a USB-C cable, a 2.4GHz wireless dongle, a charging dock, and extra D-pads, all neatly arranged as they would appear in the product packaging.

SETUP

1. Charging the Controller

The GameSir G7 Pro controller includes a 1200mAh rechargeable battery. To charge:

1. Place the controller onto the included smart charging dock. Ensure the charging pins align.
2. Alternatively, connect the controller directly to a power source using the provided USB-C to USB-A cable.

2. Connecting to Your Device

The GameSir G7 Pro supports three connection modes:

- **Xbox (Wired):** Connect the controller directly to your Xbox Series X|S or Xbox One console using the USB-C to USB-A cable.
- **PC (Wired/2.4G Wireless):**
 - **Wired:** Connect the controller to your PC using the USB-C to USB-A cable.
 - **2.4G Wireless:** Insert the 2.4GHz wireless dongle into an available USB port on your PC. The controller will automatically connect.
- **Android (Bluetooth):** Pair the controller with your Android device via Bluetooth. Refer to your Android device's Bluetooth settings for pairing instructions.



Figure 2: Tri-Mode Connectivity Overview

This diagram illustrates the three primary connection methods for the GameSir G7 Pro controller: wired connection for Xbox, wired or 2.4GHz wireless for PC, and Bluetooth for Android devices, highlighting its versatile compatibility.

3. GameSir Nexus App (PC/Android)

For advanced customization and firmware updates, download the GameSir Nexus app from the official GameSir website or your device's app store. The app allows you to:

- Adjust stick curves and dead zones.
- Map buttons and create macros.
- Calibrate the gyroscope (PC only).
- Update controller firmware.

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Video 1: GameSir G7 Pro Controller Overview

This video provides a visual overview of the GameSir G7 Pro controller, showcasing its design, key features, and the included charging dock. It demonstrates the controller's aesthetic and some of its functional aspects.

OPERATING THE CONTROLLER

1. Mag-Res TMR Sticks

The controller is equipped with Mag-Res TMR sticks, which utilize Hall Effect technology combined with potentiometer precision. This design ensures smooth, linear input and significantly reduces the risk of stick drift, providing enhanced durability and accuracy.

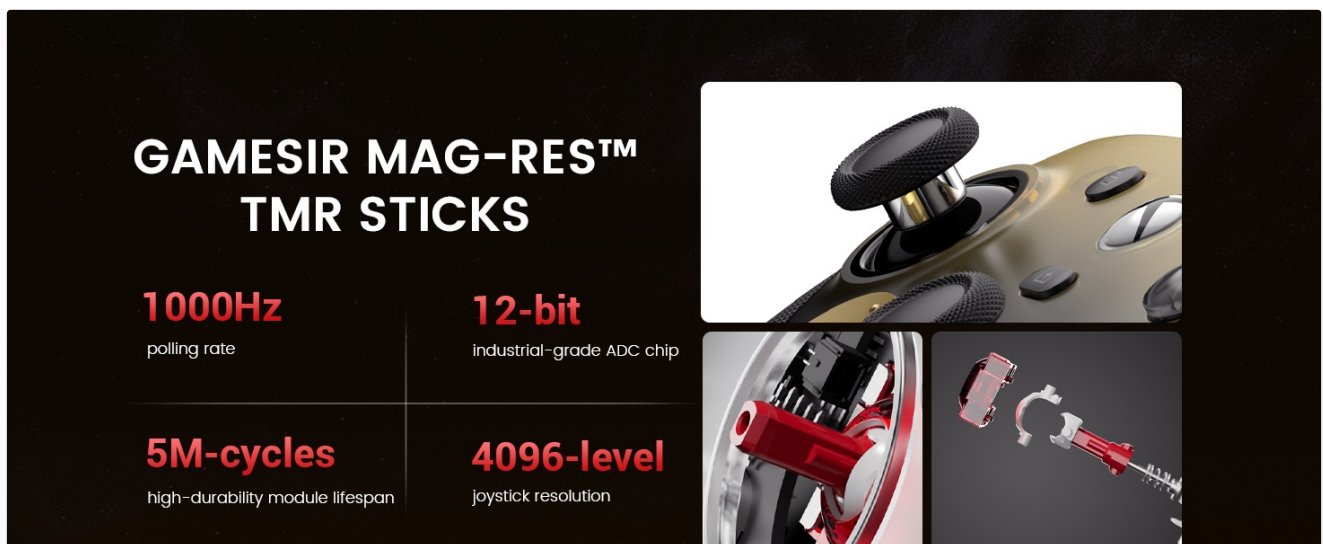


Figure 3: Mag-Res TMR Sticks Technology

This image details the technology behind the GameSir Mag-Res TMR sticks, emphasizing their 1000Hz polling rate, 5 million cycle durability, 12-bit industrial-grade ADC chip, and 4096-level joystick resolution for precise control.

2. Hall Effect Analog Triggers

Experience ultra-smooth and consistent input with the Hall Effect analog triggers. For competitive gaming, activate the clicky micro switch trigger stops to achieve lightning-fast response times, reducing travel distance for quicker actions.



Figure 4: Hall Effect Analog Triggers

This image highlights the Hall Effect analog triggers, which provide smooth and consistent control, and also features the micro switch trigger stops for rapid, responsive actions in gaming.

3. 1000Hz Polling Rate

When connected to a PC via wired or 2.4GHz wireless connection, the controller operates at a 1000Hz polling rate. This ensures near-zero latency and ultimate responsiveness, crucial for competitive PC gaming.

FOUR EXTRA BUTTONS

- Two mini bumpers
- Two lockable back buttons



1000Hz POLLING RATE

Supported on PC via both wired & 2.4GHz

Figure 5: 1000Hz Polling Rate in Action

This image depicts a user actively gaming on a PC with the GameSir G7 Pro controller, emphasizing the benefit of the 1000Hz polling rate for a highly responsive experience.

4. Built-in Gyroscope (PC Only)

The controller includes a built-in gyroscope for PC gaming. This feature allows for motion control and can be mapped to stick, button, or mouse functions through the GameSir Nexus app for enhanced aiming and control.



1200mAh
rechargeable
battery



Built-In Gyroscope *PC only



Figure 6: Built-in Gyroscope Functionality

This image visually represents the built-in gyroscope feature of the GameSir G7 Pro controller, indicating its mapping capabilities for PC-specific use.

5. Four Extra Programmable Buttons

The controller features four additional programmable buttons: two mini bumpers (L5/R5) and two lockable back buttons. These can be customized via the GameSir Nexus app to assign macros or shortcuts, providing personalized control and a competitive edge.

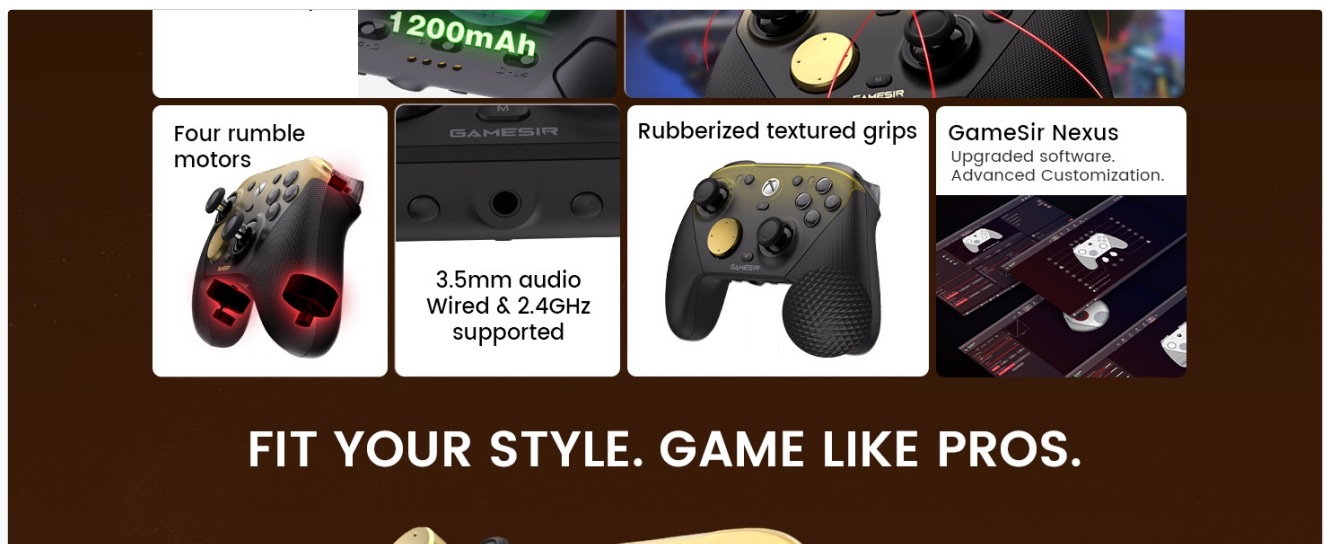


Figure 7: Extra Programmable Buttons

This image provides a clear view of the rear of the GameSir G7 Pro controller, specifically highlighting the placement and design of the four extra programmable buttons, including the mini bumpers and lockable back buttons.

6. Customization Options

The GameSir G7 Pro allows for physical customization to suit your style and gameplay. It features a magnetic, three-part swappable faceplate and a mechanical micro switch D-pad with swappable shapes. These components are compatible with other G7 series faceplates.



Figure 8: Customizable Components

This image presents an exploded view of the GameSir G7 Pro controller, clearly showing its modular design with a magnetic, three-part swappable faceplate and a mechanical micro switch D-pad that can be interchanged.

7. 3.5mm Audio Jack

A 3.5mm audio jack is integrated into the controller, supporting both wired and 2.4G wireless connections. This allows you to connect your headset directly to the controller for in-game audio and communication.

MAINTENANCE

- Proper maintenance ensures the longevity and optimal performance of your GameSir G7 Pro controller.
- **Cleaning:** Use a soft, dry cloth to wipe down the controller. Avoid using abrasive cleaners, solvents, or harsh chemicals, as these can damage the surface and internal components.
 - **Storage:** Store the controller in a cool, dry place away from direct sunlight and extreme temperatures. When not in use for extended periods, ensure the controller is fully charged before storage.
 - **Battery Care:** The 1200mAh battery is designed for long life. To maintain battery health, avoid fully discharging the controller frequently. Charge it regularly, especially if it will be stored for a long time.
 - **Cable Management:** Avoid sharply bending or twisting the USB-C cable to prevent internal wire damage.

TROUBLESHOOTING

If you encounter issues with your GameSir G7 Pro controller, refer to the following common solutions:

- **Controller Not Connecting/Responding:**
 - Ensure the USB-C cable is securely connected to both the controller and your device (Xbox/PC).
 - For 2.4G wireless on PC, ensure the dongle is properly inserted and the controller is in 2.4G mode.
 - For Bluetooth on Android, ensure Bluetooth is enabled on your device and the controller is in pairing mode.
 - Try restarting your console/PC/Android device.
- **Stick Drift or Inaccurate Input:**
 - While TMR sticks are designed to minimize drift, calibration may sometimes be necessary. Use the GameSir Nexus app to recalibrate the sticks.
 - Ensure the controller's firmware is up to date via the GameSir Nexus app.
- **Buttons Unresponsive:**
 - Check for any physical obstructions preventing button presses.
 - Update the controller's firmware using the GameSir Nexus app.
- **Audio Issues (3.5mm Jack):**
 - Ensure your headset's 3.5mm jack is fully inserted into the controller.
 - Check your device's audio settings to ensure the controller is selected as the audio output/input device.
 - Test with another headset to rule out headset issues.
- **1000Hz Polling Rate Not Active on PC:**
 - Ensure the controller is connected to your PC via the USB-C cable or the 2.4GHz wireless dongle. Bluetooth connection does not support 1000Hz polling rate.

SPECIFICATIONS

Feature	Detail
Model	GameSir G7 Pro
Connectivity	Wired (Xbox), Wired/2.4G (PC), Bluetooth (Android)

Sticks	Mag-Res TMR Sticks (Hall Effect + Potentiometer)
Triggers	Hall Effect Analog Triggers with Micro Switch Trigger Stops
Polling Rate	1000Hz (Wired/2.4G on PC)
Battery	1200mAh Rechargeable (1 D battery included)
Audio Jack	3.5mm (Wired & 2.4G supported)
Programmable Buttons	4 (L5/R5, 2 Back Buttons)
Gyroscope	Built-in (PC only)
Customization	Swappable Magnetic Faceplate, Mechanical Micro Switch D-pad
Dimensions	7.28 x 7.05 x 3.9 inches
Item Weight	1.74 pounds
Manufacturer	GameSir
Date First Available	December 30, 2025

WARRANTY AND SUPPORT

GameSir products are designed for quality and performance. For detailed warranty information, product registration, and technical support, please visit the official GameSir website. You can also contact GameSir customer service directly for assistance with any product-related inquiries or issues.

Official GameSir Website: www.gamesir.hk