

## GUSGU GUSGU G7

# GUSGU G7 Wireless Gaming Controller User Manual

Model: GUSGU G7 | Brand: GUSGU

## Introduction Product

[Overview](#) [Setup](#) [Operation](#) [Compatibility](#) [Maintenance](#) [Troubleshooting](#) [Specifications](#) [Support](#)

## 1. INTRODUCTION

This manual provides detailed instructions for the GUSGU G7 Wireless Gaming Controller. Please read this guide thoroughly to ensure proper setup, operation, and maintenance of your device. The GUSGU G7 controller offers advanced features such as an interactive screen, Hall Effect joysticks and triggers, programmable buttons, and broad compatibility across multiple platforms.

## 2. PRODUCT OVERVIEW

Familiarize yourself with the components and features of your GUSGU G7 Wireless Gaming Controller.



Figure 2.1: Front view of the GUSGU G7 Wireless Gaming Controller, showcasing its transparent red design and button layout.

## 2.1 Key Features

- **Interactive Display Screen:** For on-the-fly configuration of settings.
- **Hall Effect Joysticks:** Drift-free precision with adjustable dead zones.
- **Hall Effect Dual-Stage Triggers:** Customizable trigger travel for various game genres.
- **Programmable Back Buttons:** Four customizable buttons for macros and shortcuts.
- **6-Axis Gyro Sensor:** For motion control in supported games.
- **Asymmetric Vibration Motors:** Four levels of haptic feedback.
- **Multiple Connectivity Modes:** Bluetooth 5.1, 2.4GHz wireless, and USB-C wired.
- **High Polling Rate:** 1000Hz for ultra-fast input in wired/2.4GHz modes.
- **Long Battery Life:** 1000mAh battery providing up to 18 hours of gameplay.

## 3. SETUP

### 3.1 Charging the Controller

Before initial use, fully charge the controller. Connect the supplied USB-C cable to the controller's charging port and the other end to a compatible USB power source (e.g., PC, USB wall adapter). The interactive screen will indicate charging status. A full charge provides up to 18 hours of gameplay.

## 3.2 Initial Pairing and Connection

The GUSGU G7 supports three connection methods: Bluetooth, 2.4GHz wireless, and USB-C wired.

### 3.2.1 2.4GHz Wireless Connection (PC, Android TV)

1. Insert the 2.4GHz USB receiver into an available USB port on your device (PC, Android TV).
2. Turn on the controller by pressing the Home button.
3. The controller will automatically attempt to connect to the receiver. The interactive screen will display connection status.

### 3.2.2 Bluetooth Connection (iOS, Android, Switch, PS4)

1. Ensure Bluetooth is enabled on your device.
2. On the controller, press and hold the Home button until the interactive screen displays pairing mode.
3. On your device, search for Bluetooth devices and select "GUSGU G7" from the list.
4. Once paired, the interactive screen will confirm the connection.

### 3.2.3 USB-C Wired Connection (PC, Switch, PS4)

1. Connect the USB-C cable from the controller to a USB port on your device.
2. The controller will automatically switch to wired mode.
3. For Switch and PS4, ensure the console's settings allow for wired controller communication.

## 4. OPERATION

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### 4.1 Using the Interactive Display Screen

The interactive screen allows for direct adjustment of controller settings without external software. Press the 'H' button for 3 seconds to enter the menu. Navigate using the D-pad and confirm selections with the 'A' button. Use 'B' to go back.



## Interactive Display Screen

No extra app or button combinations required

Figure 4.1: The interactive display screen allows for easy adjustment of settings like dead zones, vibration, and button layouts.

- **Settings:** Adjust vibration intensity, joystick dead zones, trigger sensitivity, and lighting effects.
- **Program:** Configure the four programmable back buttons (M1, M2, N1, N2).
- **Layout:** Switch between Xbox and Switch button layouts.
- **Calibration:** Calibrate joysticks, gyro, and triggers if needed.

### 4.2 Programmable Back Buttons

The GUSGU G7 features four programmable back buttons (M1, M2, N1, N2) located on the underside of the controller. These can be assigned to single button presses, sequences, or macros via the interactive screen's "Program" menu. This allows for quick execution of complex commands during gameplay.



Figure 4.2: The four programmable back buttons (M1, M2, N1, N2) on the rear of the controller, designed for custom macros and shortcuts.

### 4.3 Hall Effect Joysticks and Adjustable Dead Zones

The Hall Effect joysticks provide precise, drift-free control. Dead zones can be customized from 0% to 50% using the interactive screen to match your preference and game requirements. A smaller dead zone offers more immediate response, while a larger one can prevent unintended inputs.

# Adjustable Dead Zone Hall Joystick

Dead Zone Range: 0–50  
Precision in Your Control



 Anti-Drift

 Accurate

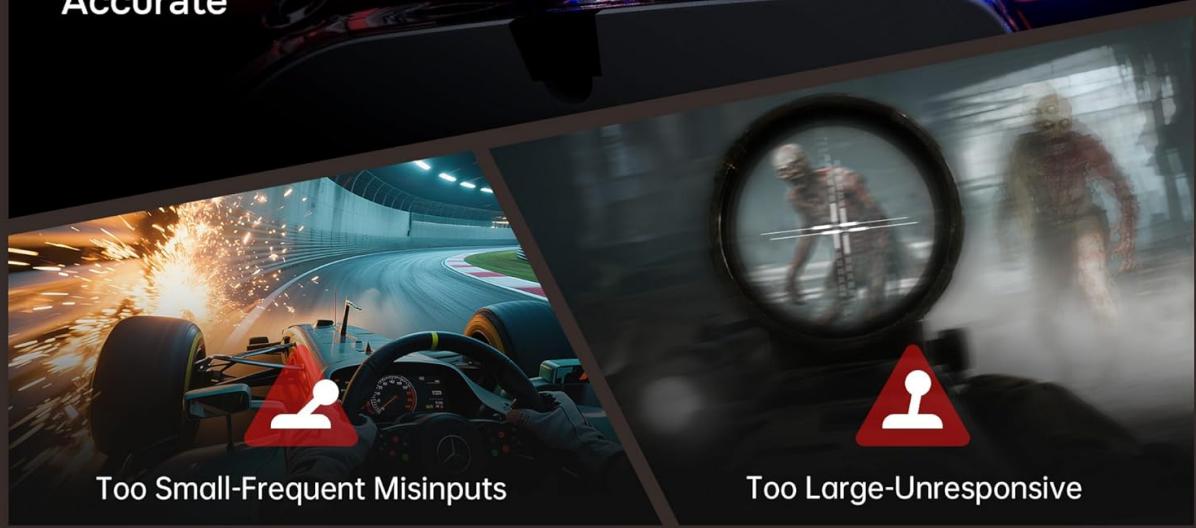


Figure 4.3: Illustration of the Hall Effect joystick mechanism and the concept of adjustable dead zones for enhanced precision.

## 4.4 Hall Effect Dual-Stage Triggers

The triggers feature a dual-stage mechanism, allowing you to switch between short-pull for quick actions (e.g., shooting in FPS games) and full-pull for precise control (e.g., acceleration in racing games). This can be configured through the interactive screen.

# Hall Effect Two-Stage Trigger

2-Level Trigger Lock with Adjustable Travel



Figure 4.4: Visual representation of the dual-stage trigger functionality, demonstrating its application in different gaming scenarios.

## 4.5 Motion Control (6-Axis Gyro Sensor)

The built-in 6-axis gyroscope provides precise motion sensing for games that support tilt or motion-based controls. This enhances immersion in titles requiring realistic steering, aiming, or flight mechanics.



## 6-Axis Gyro Sensor

Precise motion control for realistic steering, aiming, and flight, fully immersive gameplay.

Figure 4.5: A user demonstrating motion control with the GUSGU G7 controller in a racing game, highlighting the 6-axis gyro sensor.

### 4.6 Vibration Feedback

Dual asymmetric vibration motors provide four levels of haptic feedback, accurately replicating in-game events such as impacts, explosions, or engine rumble. Vibration intensity can be adjusted via the interactive screen.



Figure 4.6: Internal view of the GUSGU G7 controller illustrating the asymmetric vibration motors and their four adjustable intensity levels.

## 4.7 Audio Output

The 3.5mm headphone jack supports game audio output when the controller is connected via USB cable to a Nintendo Switch (Switch 1) or PlayStation 4. Audio output is not supported on other devices such as PC or mobile phones.

## 5. COMPATIBILITY

The GUSGU G7 Wireless Gaming Controller offers broad compatibility across various platforms:



## Compatible Devices

### PC

Windows 10 and above

### Mobile Devices

iOS 14.0 and above

Android 9.0 and above

### Smart TV

Android TV

### Gaming Consoles

Nintendo Switch / PS 4/3/2/1

### In-Car System

Tesla Arcade and more

Note: Currently not compatible with Xbox or PS5.

Figure 5.1: The GUSGU G7 controller displayed with a list of compatible devices including PC, mobile, gaming consoles, and in-car systems.

- **PC:** Windows 10 and above (X-input, D-input modes).
- **iOS:** iOS 14.0 and above.
- **Android:** Android 9.0 and above.
- **Nintendo Switch (NS):** Supports Switch mode.
- **PlayStation 4 (PS4):** Supports PS4 mode.
- **Tesla Arcade:** Compatible with Tesla in-car gaming systems.

**Note: The GUSGU G7 controller is currently not compatible with Xbox or PlayStation 5 consoles.**

## 6. MAINTENANCE

To ensure the longevity and optimal performance of your GUSGU G7 controller, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe the controller. For stubborn dirt, slightly dampen the cloth with water. Avoid using harsh chemicals or abrasive cleaners.
- **Storage:** Store the controller in a cool, dry place away from direct sunlight and extreme temperatures.

- **Battery Care:** Avoid fully discharging the battery frequently. If storing for an extended period, charge the controller to approximately 50% to preserve battery health.
- **Cable Management:** Do not excessively bend or pull the USB-C cable to prevent damage.

## 7. TROUBLESHOOTING

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

Problem	Solution
Controller does not turn on.	Ensure the controller is charged. Connect it to a power source using the USB-C cable.
Controller does not connect wirelessly.	<ul style="list-style-type: none"> <li>• Ensure the controller is in the correct pairing mode for your device (Bluetooth or 2.4GHz).</li> <li>• Check that the 2.4GHz receiver is properly inserted if using that mode.</li> <li>• Restart both the controller and the host device.</li> <li>• Remove previous pairings from your device's Bluetooth settings and try pairing again.</li> </ul>
Joystick drift or inaccurate input.	<ul style="list-style-type: none"> <li>• Access the "Calibration" menu on the interactive screen to recalibrate joysticks.</li> <li>• Adjust the joystick dead zone settings via the interactive screen.</li> </ul>
Programmable buttons not working.	Verify the button assignments in the "Program" menu on the interactive screen. Ensure they are correctly configured.
No audio from 3.5mm jack.	Ensure the controller is connected via USB-C to a Nintendo Switch (Switch 1) or PlayStation 4. Audio is not supported on PC or mobile devices. Check device audio settings.

## 8. SPECIFICATIONS

Feature	Detail
Model Number	GUSGU G7
Connectivity	Bluetooth 5.1, 2.4GHz Wireless, USB-C Wired
Polling Rate	1000Hz (Wired/2.4GHz), 250Hz (Bluetooth)
Joysticks	Hall Effect, Adjustable Dead Zones (0-50%)
Triggers	Hall Effect, Dual-Stage with Adjustable Travel
Programmable Buttons	4 Back Buttons (M1, M2, N1, N2)
Motion Sensor	6-Axis Gyroscope
Vibration	Dual Asymmetric Motors, 4 Levels Adjustable
Battery Capacity	1000mAh

Feature	Detail
Battery Life	Up to 18 hours
Audio Jack	3.5mm (Switch 1, PS4 via USB only)
Compatibility	PC (Win 10+), iOS (14.0+), Android (9.0+), NS, PS4, Tesla Arcade
Dimensions	7.72 x 5.16 x 2.83 inches
Weight	16 ounces

## 9. WARRANTY AND SUPPORT

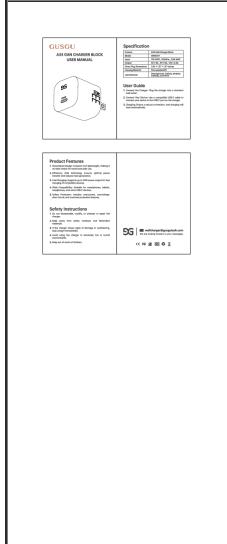
GUSGU is committed to providing quality products and customer satisfaction. While specific warranty details are not provided in this manual, GUSGU offers lifetime customer support for its products. For further assistance, technical support, or warranty inquiries, please visit the official GUSGU website or contact their customer service department through the retailer where the product was purchased. You can also visit the [GUSGU Store on Amazon](#) for more information and support resources.

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### Related Documents - GUSGU G7

	<p><a href="#">GUSGU X3 Wireless Earbuds Quick Guide - Features and Controls</a></p> <p>Quick start guide for the GUSGU X3 wireless earbuds by Sound_X. Learn about pairing, call controls, voice assistant activation, and music playback functions with this concise, SEO-optimized overview.</p>
	<p><a href="#">GUSGU Rotate Magic Keyboard User Manual</a></p> <p>User manual for the GUSGU Rotate Magic Keyboard, detailing product parameters and specifications.</p>
	<p><a href="#">GUSGU V21 Power Bank Adapter - 5000mAh Portable Charger with AC Plug</a></p> <p>Discover the GUSGU V21, a versatile 5000mAh power bank and AC wall adapter. This portable charger features a Type-C input/output, Lightning cable compatibility, and supports fast charging. Learn about its specifications, charging instructions, and important usage tips for optimal performance and longevity.</p>
	<p><a href="#">GUSGU G920 HD Webcam User Manual: Features, Specifications, and FAQ</a></p> <p>Comprehensive user manual for the GUSGU G920 HD Webcam. Learn about its features, installation, specifications, troubleshooting, and important attention points. Compatible with Windows, macOS, and Android.</p>

	<p><b><u><a href="#">GUSGU X2 3-in-1 Power Bank Charger User Guide</a></u></b></p> <p>Comprehensive guide for the GUSGU X2 3-in-1 Power Bank Charger (Model AS-090), covering specifications, charging instructions, and important usage tips for optimal performance and longevity.</p>
	<p><b><u><a href="#">GUSGU A33 33W GaN Charger Block User Manual &amp; Specifications</a></u></b></p> <p>User manual and specifications for the GUSGU A33 33W GaN Charger Block (Model 30W0317). Features include compact design, GaN technology, 33W fast charging, wide compatibility, and safety protections. Learn how to use and safely operate your charger.</p>