## GameSir GK300

# GameSir GK300 Wireless Mechanical Gaming Keyboard User Manual

Model: GK300 | Brand: GameSir

## 1. INTRODUCTION

The GameSir GK300 is a wireless mechanical gaming keyboard designed for high performance and versatility. It features dual-mode connectivity (2.4GHz and Bluetooth), TTC Blue mechanical switches, and a durable aluminum alloy construction. This manual provides instructions for setting up, operating, and maintaining your GK300 keyboard.

## Package Contents

Upon unpacking, please ensure all the following items are present:

- 1x GameSir GK300 Gaming Keyboard
- 1x 2.4GHz Wireless Dongle
- 1x Micro-USB Cable
- 1x User Manual

Image 1.1: GameSir GK300 Wireless Mechanical Gaming Keyboard with wrist rest.

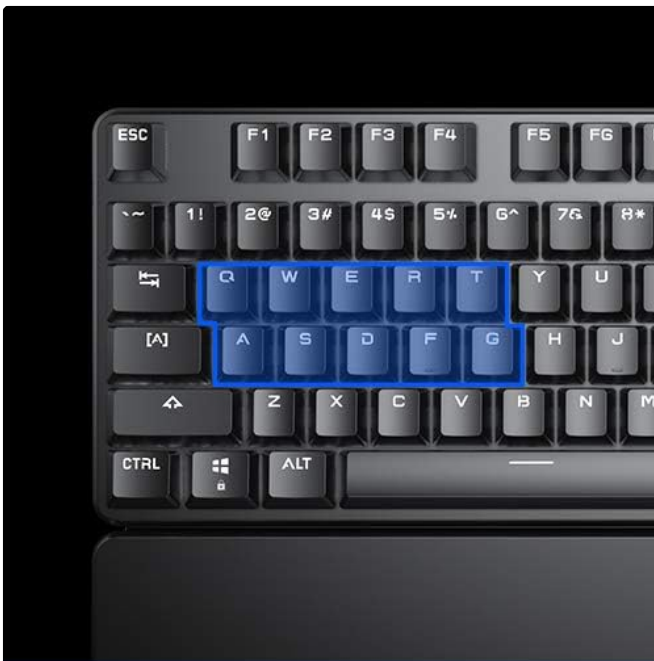## 2. SETUP AND CONNECTION

### System Requirements

- **PC:** Windows 7 (or higher) / macOS / Linux
- **Mobile Devices:** Android 4.0 (or higher) / iOS 7.0 (or higher)
- **Connectivity:** PC with USB port for 2.4GHz dongle.

*Important:* Please fully charge the GameSir GK300 wireless mechanical gaming keyboard before its first use.

### Charging the Keyboard

Connect the provided Micro-USB cable to the keyboard's charging port and the other end to a USB power source (e.g., computer USB port, USB wall adapter). A red light will indicate charging status.

## 10-KEY ROLLOVER ANTI-GHOSTING

10-Key Rollover Anti-ghosting technology ensures ultimate precise performance.

## ZINGER USB DONGLE

GameSir Zinger USB dongle is designed to avoid obstruction and maximize the stability of connection.

## METALIC SLEEK DESIGN

Aluminium alloy cover integrates anodized panel and sandblasting process design. The intelligence of engineering reveals a high-end texture and appearance.

Image 2.1: Close-up view of the GameSir Zinger USB dongle for 2.4GHz wireless connection.

## Connection Modes

The GameSir GK300 supports two wireless connection modes:

1. **2.4GHz Wireless Technology (Agility X):**

   This mode provides an instant wireless connection with 1ms ultra-low latency, ideal for gaming. Insert the 2.4GHz wireless dongle into an available USB port on your computer. The keyboard should automatically connect.

2. **Bluetooth Connection:**

   This mode is suitable for connecting to smartphones, tablets, and other Bluetooth-enabled devices. To activate Bluetooth pairing, refer to the operating instructions for specific key combinations.



Image 2.2: Diagram illustrating 2.4GHz wireless technology and Bluetooth connection options.

## 3. OPERATION

## Function Key Combinations (FN Keys)

Utilize the FN key in combination with other keys to access special functions:

- **FN + F7:** Volume down

- **FN + F8:** Volume up

- **FN + F11:** Music play/pause

- **FN + SL:** Switch between Windows / macOS layouts

- **FN + PB:** Reset under wireless mode

- **FN + Windows Key:** Lock / Unlock Windows key

- **FN + ← / →:** Switch lighting effects

- **FN + ↑ / ↓:** Adjust backlight brightness

## Backlight Effects

The GK300 features a 6500K pure white LED backlight with multiple effects and 5 levels of brightness. Use **FN + ← / →** to cycle through lighting effects and **FN + ↑ / ↓** to adjust brightness.



Image 3.1: Visual representation of various backlight effects including Wave & Ripple, Steady, Breathing, and Off modes.

## TTC Blue Mechanical Switches

The keyboard is equipped with 104 TTC mechanical blue switches, known for their tactile bump and audible click feedback. These switches offer a keystroke lifespan of up to 50 million presses.



Image 3.2: Close-up view of the TTC Blue mechanical switches on the GameSir GK300 keyboard.

### 10-Key Rollover Anti-Ghosting

The 10-Key Rollover Anti-ghosting technology ensures that multiple simultaneous key presses are registered accurately, providing precise performance during intense gaming sessions.

## 4. MAINTENANCE

### Cleaning

To clean your keyboard, gently wipe the surface with a soft, damp cloth. Avoid using harsh chemicals or abrasive materials. For deeper cleaning, you may use compressed air to remove debris from between the keycaps.

### Battery Management

The GK300 is equipped with a 3600mAh battery. Battery life can last up to 30 hours with medium backlight brightness or up to 300 hours without backlight. To conserve battery, the backlight will automatically turn off after 30 seconds of inactivity, and the keyboard will switch to sleeping mode after 1 minute without operation.

Image 4.1: Information on the 3600mAh battery, showing estimated battery life with and without backlight, and battery saver features.

## 5. TROUBLESHOOTING

### Connection Issues

- **2.4GHz Dongle Not Connecting:** Ensure the dongle is fully inserted into a USB port. Try a different USB port. Ensure the keyboard is in 2.4GHz mode (if applicable, check keyboard indicator).
- **Bluetooth Pairing Failure:** Ensure Bluetooth is enabled on your device. Make sure the keyboard is in Bluetooth pairing mode. Remove any previous GK300 pairings from your device and try again.
- **Keyboard Not Responding:** Check battery level. Recharge the keyboard if necessary. Try resetting the keyboard using **FN + PB** in wireless mode.

### Backlight Malfunction

- If the backlight is not functioning correctly, ensure the keyboard is charged. Cycle through lighting effects using **FN +** ← / → and adjust brightness with **FN +** ↑ / ↓.

## 6. SPECIFICATIONS

| | |
|---|---|
| **Product Dimensions** | 17.24 x 5.08 x 1.65 inches |
| **Item Weight** | 2.95 pounds |
| **Manufacturer** | GameSir |
| **Model Number** | GK300 |
| **Batteries** | 2 Lithium Ion batteries required (included) |
| **Compatible Devices** | Laptop, PC, Tablet |
| **Connectivity Technology** | Bluetooth, 2.4GHz Wireless |
| **Keyboard Description** | Ergonomic Modern Ambidextrous |
| **Special Feature** | Bluetooth, Wireless |
| **Color** | Black |
| **Material** | Acrylonitrile Butadiene Styrene, Aluminum |
| **Included Components** | USB Cable, 2.4GHz Wireless Dongle, User Manual |

## 7. WARRANTY AND SUPPORT

For the most up-to-date warranty information and customer support, please visit the official GameSir website. Firmware updates for the GK300, if available, can also be found on the official website.

*Note:* Product specifications and features are subject to change without prior notice. For any issues not covered in this manual, please contact GameSir customer support.