Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

MSI GK300

MSI Forge GK300 Combo Blue Gaming Keyboard and GM300 Mouse User Manual

Model: GK300 Keyboard, GM300 Mouse

Introduction
Package Contents
Setup
Operating Instructions
Features
Maintenance
Troubleshooting
Specifications
Warranty & Support

1. Introduction

This manual provides detailed instructions for the setup, operation, and maintenance of your MSI Forge GK300 Combo, which includes the GK300 mechanical gaming keyboard and the GM300 optical gaming mouse. Please read this manual thoroughly before using the product to ensure optimal performance and longevity.



Image 1.1: The MSI Forge GK300 Combo, featuring the GK300 keyboard and GM300 mouse, shown both in and out of its retail packaging.

2. Package Contents

Verify that all items listed below are present in your product package:

- MSI Forge GK300 Mechanical Gaming Keyboard
- MSI Forge GM300 Optical Gaming Mouse
- User Manual (this document)

3. Setup Guide

Follow these steps to set up your MSI Forge GK300 Combo:

1. **Connect the Keyboard:** Locate an available USB port on your computer. Plug the USB connector of the MSI Forge GK300 Keyboard into the USB port.
2. **Connect the Mouse:** Locate another available USB port on your computer. Plug the USB connector of the MSI Forge GM300 Mouse into the USB port.
3. **Driver Installation:** The keyboard and mouse are plug-and-play devices. Your operating system (Windows 10 and above) should automatically detect and install the necessary drivers. No additional software installation is required for basic functionality.
4. **Verification:** Once connected, the devices should light up, indicating they are powered. Test the keyboard by typing and the mouse by moving the cursor and clicking.



Image 3.1: The MSI Forge GK300 keyboard and GM300 mouse connected and ready for use.

4. Operating Instructions

4.1. MSI Forge GK300 Keyboard Operation

The GK300 keyboard features mechanical blue switches and RGB backlighting. It is designed for responsive typing and gaming.

- **Standard Typing:** Use the keys as you would with any standard keyboard.
- **Anti-Ghosting:** The keyboard supports up to 26-key anti-ghosting, allowing multiple simultaneous key presses to be registered accurately, which is beneficial for gaming.
- **RGB Backlighting:** The keyboard features static RGB backlighting with several preset patterns. These patterns can typically be cycled through using specific function key combinations (e.g., Fn + Insert, Home, Page Up, Delete, End, Page Down). Refer to the keyboard's keycap legends for specific lighting control functions.
- **Multimedia Hotkeys:** Access multimedia functions (play, pause, volume control) using the Fn key in combination with the F-keys (F1-F12).



Image 4.1: The MSI Forge GK300 keyboard displaying its RGB backlighting.

4.2. MSI Forge GM300 Mouse Operation

The GM300 mouse features an optical sensor with adjustable DPI settings and durable switches.

- **Basic Functions:** Left-click, right-click, and scroll wheel functions operate as standard.
- **DPI Adjustment:** The mouse has a dedicated DPI button, usually located behind the scroll wheel. Press this button to cycle through preset DPI levels (e.g., 1200, 2400, 4800, 7200 DPI). The current DPI setting may be indicated by the mouse's RGB lighting color or pattern.
- **Side Buttons:** The mouse includes side buttons, typically used for forward and backward navigation in web browsers or customizable functions in games.



Image 4.2: The MSI Forge GM300 mouse showcasing its ergonomic design and RGB lighting.

5. Key Features

- **Anti-Ghosting:** The GK300 keyboard supports up to 26-key anti-ghosting, ensuring that simultaneous key presses are registered accurately without conflicts.
- **Mechanical Blue Switches:** The GK300 keyboard is equipped with durable and dustproof mechanical blue switches, providing a tactile bump and an audible click for a distinct typing and gaming experience.
- **Durable Mouse Switches:** The GM300 mouse features main button switches rated for over 10 million clicks, ensuring long-term reliability for gaming and daily use.
- **Precise Optical Sensor:** The GM300 mouse incorporates an optical sensor capable of up to 7,200 DPI, delivering accurate and responsive tracking for various applications.
- **RGB Lighting:** Both the keyboard and mouse feature RGB lighting for aesthetic customization. Note that MSI Center software is not supported for advanced customization of this combo.



Image 5.1: An illustration highlighting the mechanical blue switches used in the MSI Forge GK300 keyboard, emphasizing their tactile and audible feedback.



Image 5.2: A visual representation of the precise optical sensor within the MSI Forge GM300 mouse, indicating its tracking capability.

6. Maintenance and Care

Proper maintenance ensures the longevity and performance of your devices.

- **Cleaning the Keyboard:** Use a soft, dry cloth to wipe the surface of the keyboard. For dust between keys, use compressed air. Avoid using liquid cleaners directly on the keyboard.
- **Cleaning the Mouse:** Wipe the mouse surface with a soft, slightly damp cloth. Ensure no liquid enters the device. Clean the optical sensor area periodically with a dry cotton swab to prevent tracking issues.
- **Storage:** When not in use for extended periods, store the devices in a clean, dry environment away from direct sunlight and extreme temperatures.
- **Avoid Liquid Exposure:** Do not expose the keyboard or mouse to liquids, as this can cause permanent damage.

7. Troubleshooting

If you encounter issues with your MSI Forge GK300 Combo, refer to the following common solutions:

Problem	Possible Cause	Solution
Keyboard/Mouse not responding	Loose USB connection, faulty USB port, driver issue.	◦ Ensure USB cables are securely plugged in. ◦ Try a different USB port on your computer. ◦ Restart your computer. ◦ Check Device Manager for driver status (Windows).
Keys not registering / Ghosting	Software conflict, physical obstruction, excessive simultaneous presses.	◦ Ensure no debris is under the keycaps. ◦ Restart your computer. ◦ The GK300 supports 26-key anti-ghosting; exceeding this limit may cause issues.
Mouse tracking issues	Dirty optical sensor, unsuitable surface, incorrect DPI setting.	◦ Clean the optical sensor with a dry cotton swab. ◦ Use the mouse on a clean, opaque, non-reflective surface (e.g., a mouse pad). ◦ Adjust DPI settings using the DPI button on the mouse.
RGB lighting not working	Lighting mode disabled, power issue.	◦ Ensure the devices are properly connected and powered. ◦ Cycle through lighting modes using the designated function key combinations on the keyboard or DPI button on the mouse.

8. Product Specifications

Feature	Detail
Brand	MSI
Model Number	GK300 (Keyboard), GM300 (Mouse)
Keyboard Type	Mechanical Gaming Keyboard
Keyboard Switches	Mechanical Blue Switches
Keyboard Anti-Ghosting	Up to 26-key
Mouse Sensor Type	Optical Sensor
Mouse DPI	Up to 7,200 DPI
Mouse Switch Durability	Over 10 Million Clicks
Connectivity	USB (Wired)
Hardware Platform	PC
Operating System Compatibility	Windows 10 and above
Item Weight	2.7 pounds (combined)

Feature	Detail
Product Dimensions (LxWxH)	23.4 x 7.3 x 2.1 inches (packaging/overall)
Color	Blue (design accent)

9. Warranty and Support

MSI products are designed for reliability and performance. For warranty information and technical support, please refer to the official MSI website or contact their customer service directly.

- **Warranty Information:** Details regarding your product's warranty period and terms can be found on the MSI official website. Please retain your proof of purchase for warranty claims.
- **Technical Support:** For technical assistance, driver updates, or further inquiries, visit the MSI support page at www.msi.com/support.

© 2025 MSI. All rights reserved. MSI is a registered trademark.
This manual is for informational purposes only. Specifications are subject to change without notice.

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

Open the live page

https://manuals.plus/asin/B0D342SSSJ

More documents and user manuals: **https://manuals.plus/**