FANTECH MK858

FANTECH MAXFIT67 Mechanical Gaming Keyboard User Manual

Model: MK858

Brand: FANTECH

INTRODUCTION

The FANTECH MAXFIT67 is a versatile 65% (67-key) mechanical gaming keyboard designed for an enhanced typing and gaming experience. It features 3-mode connectivity (wired, 2.4GHz wireless, Bluetooth), hot-swappable sockets, RGB backlighting, and a programmable macro knob. This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your MAXFIT67 keyboard.

Image: FANTECH MAXFIT67 keyboard in off-white with RGB backlighting and included extra keycaps.

WHAT'S IN THE BOX

Upon unboxing your FANTECH MAXFIT67 keyboard, please ensure all the following items are present:

- FANTECH MAXFIT67 Keyboard
- Keycap Puller
- Extra DYE-SUB PBT Keycaps (gift)
- USB Wireless Dongle
- USB Type-C Cable
- Switch Puller

TECHNICAL SPECIFICATION

Product Name	: MAXFIT67 MK858	Battery Capacity	: 4000mAh
Number of Keys	: 67 Keys	Wireless Distance	: Up to 10m
Switch Type	: Mechanical	Size	: 330(L) x 115(W) x 37(H)mm
Anti-Ghosting	: All Keys	Weight	: 764 g
Connection	: Wired, 2.4GHz, BT 5.0 (Up to 5 devices)	Battery Life	: 240hr with RGB off 70hr with RGB on

Weight : 764g / 27oz

11.5cm
4.5in

3.7cm
1.5in

33cm
14in

WHAT'S IN THE BOX

1. MAXFIT67
2. Instruction manual
3. USB receiver
4. Switch puller & keycap puller
5. Type-C charging cable
6. Extra keycaps

Image: The FANTECH MAXFIT67 keyboard and its accessories, including the USB cable, wireless dongle, keycap puller, and extra keycaps, laid out on a surface.

SETUP

Initial Setup

1. Unpack the keyboard and all accessories from the box.
2. Choose your preferred connection method: Wired, 2.4GHz Wireless, or Bluetooth.
3. Ensure the keyboard is fully charged for optimal wireless performance. Connect the USB Type-C cable to the keyboard and a USB port on your computer.

Connection Modes

The MAXFIT67 keyboard supports three distinct connection modes for maximum flexibility:

- **Wired Mode:** Connect the keyboard directly to your computer using the provided USB Type-C cable. This mode offers the most stable connection and charges the keyboard's battery.
- **2.4GHz Wireless Mode:** Insert the USB Wireless Dongle into an available USB port on your computer. The keyboard will automatically connect. This mode provides a low-latency wireless experience ideal for gaming.
- **Bluetooth Mode:** The keyboard can connect to up to 5 devices via Bluetooth 5.0. To pair, switch the keyboard to Bluetooth mode and follow your device's Bluetooth pairing instructions. The keyboard will appear as 'MAXFIT67'.

3 CONNECTION MODES

Easily bring MAXFIT67 on-the-go with its 2.4Ghz, Bluetooth & wired connection capabilities. Able to easily connect to and switch between up to 5 devices at the push of a button!

Image: The FANTECH MAXFIT67 keyboard connected to a laptop, tablet, and smartphone, illustrating its 3-mode connectivity (wired, 2.4GHz, Bluetooth).

Key Features & Components

Hot-Swappable Sockets

The MAXFIT67 features high-quality Gateron hot-swappable sockets, allowing you to easily change switches without soldering. It supports both 3-pin and 5-pin mechanical switches from various brands, enabling full customization of your typing feel.

Image: A hand using a switch puller to remove a mechanical switch from the FANTECH MAXFIT67 keyboard, highlighting its hot-swappable design.

Programmable Rotary Encoder Knob

The aluminum macro knob on the MAXFIT67 is fully programmable. Beyond standard volume control, you can customize it to assign macros, control media playback, adjust productivity settings, or even function as a weapon wheel in games.

♪ SOUND

⚙ MACROS

PROGRAMMABLE ENCODER KNOB

More than just a standard volume knob! MAXFIT67's Programmable Encoder allows you to assign any macro to it! Scrolling, changing songs, productivity settings, weapon wheel and more!

DYE-SUB PBT KEYCAPS

Includes High-Quality DYE-SUB PBT Keycaps for maximum typing feel and stability. Ultra-resistant to normal wear and tear.

Image: A detailed view of the programmable rotary encoder knob on the FANTECH MAXFIT67 keyboard, emphasizing its metallic finish and functionality.

DYE-SUB PBT Keycaps and South-Facing RGB

The keyboard comes equipped with high-quality DYE-SUB PBT keycaps, known for their durability and resistance to wear and shine. The south-facing RGB LED lights provide vibrant illumination and are compatible with a wider range of aftermarket keycaps and switches.

Image: An overhead view of the FANTECH MAXFIT67 keyboard, showcasing its DYE-SUB PBT keycaps, 65% form factor, and south-facing RGB lighting.

Adjustable 3-Step Height

Customize your typing angle with the keyboard's adjustable 3-step height feet, providing ergonomic comfort for extended use.

Double Sound Absorbing Foam

The MAXFIT67 incorporates a 2-piece sound dampening foam design, significantly reducing unwanted acoustic resonance and providing a more solid and pleasant typing sound profile.

HOT-SWAPPABLE SOCKETS

MAXFIT67's Gateron Branded Hot-Swappable Sockets easily allow users to install or change the switches for a different typing feel, without soldering! Supports both 3-pin and 5-pin switches.

Image: An exploded diagram of the FANTECH MAXFIT67 keyboard's internal structure, illustrating the placement of the double sound-absorbing foam layers and adjustable feet.

OPERATING INSTRUCTIONS

Basic Functions

- **Function Key (Fn):** The Fn key is used in combination with other keys to access secondary functions, such as media controls, lighting adjustments, and connection mode switching.
- **RGB Lighting Control:** Use Fn key combinations to cycle through various RGB lighting modes, adjust brightness, and change speed. Refer to the quick start guide for specific key combinations.
- **Volume Control:** Rotate the programmable knob to adjust the system volume. Press the knob to mute/unmute.
- **Switching Devices (Bluetooth):** If multiple Bluetooth devices are paired, use the designated Fn key combinations to switch between them quickly.

Software Customization

The FANTECH MAXFIT67 offers extensive personalization options through its dedicated software. This software allows you to:

- Adjust RGB spectrum modes.
- Reassign button functions.
- Create and edit macro scripts.

The MAXFIT67 software is available for download from the official FANTECH website.*Note: The software is not compatible with Mac operating systems.*

ULTRA-TOUGH PRE-LUBED STABS

MAXFIT67's Pre-Lubed Stabilizers are made with POM+PA12, which features a high impact strength, and ability to flex without cracking. Perfectly long-lasting, and buttery smooth stabs, with reduced rattle!

PERSONALIZATION +

Adjust the spectrum modes, assign buttons, or edit macro scripts with Fantech Core software. Available to download at www.fantecworld.com

Image: Screenshots of the FANTECH MAXFIT67 software interface, demonstrating options for RGB lighting control, key remapping, and macro programming.

Video: An official product video showcasing the FANTECH MAXFIT67 RGB Mechanical Hotswap Keyboard's features, including its design, customizable elements, and connectivity options.

MAINTENANCE

Cleaning

- Regularly clean your keyboard to prevent dust and debris buildup.
- Disconnect the keyboard from your computer before cleaning.
- Use a soft brush or compressed air to remove dust from between keycaps.
- For stubborn dirt, gently wipe keycaps with a damp cloth and mild cleaning solution. Ensure the keycaps are completely dry before reattaching or using the keyboard.

Switch and Keycap Replacement

Thanks to the hot-swappable design, replacing switches and keycaps is straightforward:

1. Use the provided keycap puller to carefully remove the desired keycap.
2. Use the provided switch puller to gently extract the switch from its socket.
3. Align the pins of the new switch with the holes in the PCB and press firmly until it clicks into place.
4. Place the new keycap onto the switch stem and press down until secure.

TROUBLESHOOTING

Common Issues and Solutions

- **Keyboard not responding:** Ensure the USB cable is securely connected (wired mode) or the wireless dongle is properly inserted and the keyboard is powered on (wireless modes). Check battery level if in wireless mode.
- **Bluetooth connectivity issues:** Ensure Bluetooth is enabled on your device and the keyboard is in pairing mode. Remove previous pairings and try re-pairing. Keep the keyboard within the effective range (up to 10m).
- **RGB lighting not working:** Check if RGB is enabled via Fn key combinations. Ensure the keyboard is not in a low-power mode if battery is low.
- **Keys not registering or double-typing:** This could indicate a faulty switch. Utilize the hot-swappable feature to replace the problematic switch. Ensure switches are fully seated.
- **Software not detecting keyboard:** Ensure the keyboard is connected via wired mode when attempting to use the software. Restart the software and/or your computer.

SPECIFICATIONS

Feature	Detail
Product Name	MAXFIT67 MK858
Number of Keys	67 Keys
Switch Type	Mechanical (Kailh Box White)

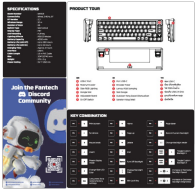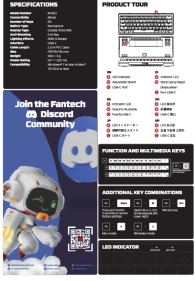|	
Anti-Ghosting	All Keys
Connection	Wired, 2.4GHz, BT 5.0 (Up to 5 devices)
Battery Capacity	4000mAh
Wireless Distance	Up to 10m
Size (L x W x H)	330(L) x 115(W) x 37(H)mm (13 x 4.53 x 1.46 inches)
Weight	764g (2.4 pounds)
Battery Life	240hr with RGB off, 70hr with RGB on
Compatible Devices	Mac, PC

WARRANTY AND SUPPORT

FANTECH products are designed for durability and performance. For detailed warranty information and support, please visit the official FANTECH website or contact their customer service directly.

You can also visit the FANTECH Store on Amazon for more product information and support resources.

Related Documents - MK858

	Fantech MAXFIT67 MK858 Mechanical Keyboard User Manual Comprehensive guide for the Fantech MAXFIT67 MK858 Mechanical Keyboard, covering setup, features, software customization, and troubleshooting. Supports wired, 2.4GHz, and Bluetooth 5.0 connectivity.
	Fantech MAXFIT61 MK857 Mechanical Keyboard User Manual User manual for the Fantech MAXFIT61 MK857 mechanical keyboard, detailing its features, specifications, and operation.
	FANTECH MAXFIT67 MK858 Mechanical Keyboard User Manual A comprehensive guide to the FANTECH MAXFIT67 MK858 Mechanical Keyboard, detailing its features, setup, connectivity options (Wired, 2.4GHz, Bluetooth), switch and keycap customization, secondary functions, lighting controls, and software customization for macros and lighting effects. Includes FCC compliance information.

[Fantech MK919 ATOM PR066 Wireless Mechanical Keyboard Quick Start Guide](#)
This guide provides essential information for setting up and using the Fantech MK919 ATOM PR066 Wireless Mechanical Keyboard. It covers specifications, product features, key combinations, connection methods (Wired, 2.4GHz, Bluetooth), and rotary encoder functions.

[Fantech WGP13S Shooter III Gamepad: Specifications, Features, and Connectivity Guide](#)
Comprehensive guide to the Fantech WGP13S Shooter III gamepad, detailing its specifications, product tour, button functions, connectivity options (wired and 2.4GHz), LED indicators, and special features like Turbo and Macro modes.

[Fantech MK611 Wired Mechanical Keyboard - Specifications and Quick Start Guide](#)
Comprehensive guide to the Fantech MK611 Wired Mechanical Keyboard, including detailed specifications, product tour, key functions, multimedia controls, LED effects, and setup instructions.