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FKZ GMK26

FKZ GMK26 Mechanical Numpad User Manual

Model: GMK26

INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, and maintenance of your FKZ GMK26 Mechanical Numpad. The GMK26 is a versatile 26-key numeric keypad featuring triple-mode connectivity (wired USB-C, 2.4GHz wireless, Bluetooth 5.0), hot-swappable switches, RGB backlighting, and VIA/QMK programmability. It is designed for enhanced productivity and customization across various operating systems including Windows, macOS, iOS, and Android.

PACKAGE CONTENTS

Verify that all items are present in your product packaging:

- FKZ GMK26 Mechanical Numpad
- USB Cable (Type-C)
- Keycap Puller

PRODUCT OVERVIEW



Top-down view of the FKZ GMK26 Mechanical Numpad, showcasing its 26-key layout and rotary knob.



An infographic detailing key features: 2000mAh battery, tri-mode connectivity, hot-swappable switches, RGB backlight, 26 keys + 1 knob, gasket structure, south-facing LEDs, and VIA/QMK programmability.



Exploded view illustrating the internal gasket-mounted structure, including Poron cotton and IXPE switch pads for improved typing feel and sound.



Close-up of the multi-function rotary knob, used for volume control and DFU mode access.



Rear view showing the USB-C port and the switch for 2.4G wireless, USB wired, and Bluetooth modes.



14cm

11.8cm



1.8cm

3cm

Diagram illustrating the physical dimensions of the GMK26 Numpad.

SPECIFICATIONS

Feature	Detail
Model	GMK26
Connectivity	2.4G Wireless, Bluetooth 5.0, USB-C Wired
Keys	26 Keys, NKRO (N-Key Rollover)
Switches	Hot-swappable (3-pin and 5-pin mechanical switches supported), Linear switches included
Keycaps	Dye-sublimated PBT, Ergonomical Cherry Profile

Feature	Detail
Backlighting	RGB, South-facing LEDs
Battery	2000mAh Lithium Ion (included)
Programmability	VIA/QMK compatible (customize key functions, macros, lighting)
Dimensions (L x W x H)	5.5 x 4.6 x 1.1 inches (14cm x 11.8cm x 3cm)
Weight	14.4 ounces
Compatible OS	Windows, macOS, iOS, Android

SETUP

Charging the Numpad

Before initial use, it is recommended to fully charge the numpad. Connect the provided USB-C cable to the numpad's USB-C port and the other end to a powered USB port on your computer or a USB wall adapter. The 2000mAh battery ensures extended usage.

Connectivity Modes

The GMK26 Numpad supports three connection modes: Wired, 2.4GHz Wireless, and Bluetooth 5.0. Use the switch located on the rear of the numpad to select your desired mode.

1. Wired Mode (USB-C):

Set the switch to "USB". Connect the numpad to your device using the USB-C cable. The numpad will be recognized automatically.

2. 2.4GHz Wireless Mode:

Set the switch to "2.4G". Insert the 2.4GHz USB receiver (not explicitly listed in package contents, but standard for 2.4G wireless devices) into an available USB port on your computer. The numpad should connect automatically. If not, ensure the numpad is in pairing mode (refer to specific pairing instructions if provided by manufacturer, otherwise assume automatic connection).

3. Bluetooth 5.0 Mode:

Set the switch to "BT". The numpad can store up to three Bluetooth devices. To pair with a new device:

- Press **FN + 1**, **FN + 2**, or **FN + 3** to select a Bluetooth channel.
- Activate Bluetooth on your host device (computer, smartphone, tablet).
- Search for "GMK26" or a similar device name in your device's Bluetooth settings and select it to pair.

To switch between paired Bluetooth devices, press **FN + 1/2/3** corresponding to the desired channel.

OPERATING INSTRUCTIONS

Key Functions

The GMK26 Numpad features 26 keys, including standard numeric keys, arithmetic operators, and additional function keys for enhanced utility:

- **Standard Numeric Keys:** 0-9, Num Lock, Del, Ins, Home, End, PgUp, PgDn.
- **Arithmetic Operators:** /, *, -, +.
- **Special Keys:** ESC, FN, Tab, Backspace.
- **Macro Keys:** M1-M5. These keys are programmable for custom functions or macros.

All 26 keys support N-Key Rollover (NKRO), ensuring all key presses are registered accurately, even when multiple keys are pressed simultaneously.

Rotary Knob Functionality

The rotary knob provides convenient multimedia control:

- **Rotate:** Adjusts system volume (clockwise to increase, counter-clockwise to decrease).
- **Press:** Mutes/unmutes audio.
- **Long Press (Wired Mode Only):** Enters Device Firmware Upgrade (DFU) mode for firmware updates.

RGB Backlighting Control

The numpad features customizable RGB backlighting with south-facing LEDs:

- **FN + ENTER:** Cycles through various backlighting modes and effects.
- **FN + BACKSPACE:** Toggles the backlighting on or off.

VIA/QMK Programmability

The GMK26 Numpad is compatible with VIA/QMK software, allowing for extensive customization:

- **Key Remapping:** Change the function of any key to suit your workflow.
- **Macro Creation:** Record and assign complex sequences of key presses to the M1-M5 keys or other programmable keys.
- **Lighting Customization:** Adjust RGB lighting effects, colors, and brightness.

To use VIA, download the compatible software from the official VIA website or the manufacturer's support page. Ensure your numpad is connected in wired mode for initial VIA setup and firmware flashing if required.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to wipe the surface of the numpad. For deeper cleaning, remove keycaps using the provided keycap puller and use compressed air to clear debris from between switches. Avoid using harsh chemicals or abrasive materials.
- **Keycap and Switch Replacement:** The numpad features hot-swappable switches. Use the keycap puller to remove keycaps and a switch puller (not included, but standard for mechanical keyboards) to remove switches. Ensure replacement switches are compatible (3-pin or 5-pin).
- **Storage:** When not in use for extended periods, store the numpad in a cool, dry place away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

Problem	Solution
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Problem	Solution
Numpad not responding in wireless mode.	<ul style="list-style-type: none"> ◦ Ensure the mode switch is set correctly (2.4G or BT). ◦ Check battery level; recharge if low. ◦ For 2.4G, ensure the USB receiver is securely plugged in. ◦ For Bluetooth, ensure the numpad is paired and selected on your device. Try re-pairing if necessary.
Keys are not registering or double-typing.	<ul style="list-style-type: none"> ◦ Check if the switch is properly seated. If hot-swappable, gently remove and re-insert the switch. ◦ Clean around the switch with compressed air to remove debris. ◦ If the issue persists, consider replacing the switch.
RGB backlighting is not working or stuck.	<ul style="list-style-type: none"> ◦ Press FN + BACKSPACE to ensure backlighting is not turned off. ◦ Press FN + ENTER to cycle through lighting modes. ◦ Check VIA software settings for lighting configuration.
VIA software not detecting the numpad.	<ul style="list-style-type: none"> ◦ Ensure the numpad is connected via USB-C cable. ◦ Verify you have the correct VIA firmware/JSON file loaded for the GMK26. ◦ Restart the VIA application and reconnect the numpad.

WARRANTY AND SUPPORT

FKZ products are designed for reliability and performance. For warranty information, please refer to the documentation included with your purchase or visit the official FKZ website. If you encounter any issues not covered in this manual or require further assistance, please contact FKZ customer support through their official channels.

For the latest drivers, firmware, and support resources, please visit the FKZ official website.