

Mechkeys Z2

Zaopin Z2 Wireless Mouse User Manual

Model: Z2 | Brand: Mechkeys

INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, and maintenance of your Zaopin Z2 Wireless Mouse. Designed for esports gamers, the Zaopin Z2 offers versatile connectivity, high-speed performance, and customizable features. Please read this manual thoroughly to ensure optimal use and longevity of your device.

WHAT'S IN THE BOX

- Zaopin Z2 Wireless Mouse x1
- USB C Paracord Style Cable x1
- 4K USB Receiver x1
- Screw Driver x1
- User Manual x1
- Carrying Pouch x1
- Set of Grip Tapes x1
- Set of Mouse Skates x1



Figure 1: Package Contents

PRODUCT OVERVIEW

The Zaopin Z2 Wireless Mouse features a lightweight, ergonomic design with multiple buttons and indicators for optimal gaming and productivity.



Figure 2: Zaopin Z2 Wireless Mouse (Top View)



Figure 3: Zaopin Z2 Wireless Mouse (Side View)

Key Components:

Component	Description
Left Button	Primary click function.
Right Button	Secondary click function.
Scroll Wheel/Middle Button	Scrolls content and acts as a clickable middle button.
Forward Button	Navigates forward in web browsers or applications.
Backward Button	Navigates backward in web browsers or applications.
Mouse Status Indicator	LED light indicating battery status, charging, and mode.
DPI Button (Bottom)	Changes the mouse's sensitivity (Dots Per Inch). Located on the bottom of the mouse.

Component	Description
Wired/Charging Port (USB-C)	Connects the mouse for wired use or charging.
Bluetooth/OFF/2.4G Switch	Selects the connection mode or turns the mouse off.

SETUP

Initial Installation:

1. Open the package and take out the receiver.
2. Connect the 4K USB receiver to a USB port on your computer.
3. Turn the switch at the bottom of the mouse to the **2.4G** position.
4. For first-time installation, allow the computer to automatically detect and configure the mouse.
5. Alternatively, connect the mouse directly to your computer using the provided USB-C cable for wired mode operation.

Tri-Mode Versatile Connectivity:

The Zaopin Z2 supports three connection modes: 2.4GHz wireless, Bluetooth wireless, and wired USB Type-C.



Figure 4: Tri-Mode Connectivity Options

2.4GHz Wireless Mode:

For 2.4G mode, the mouse and receiver are pre-paired from the factory and can be used directly after connecting the receiver and setting the switch to 2.4G.

Bluetooth Wireless Mode:

To use Bluetooth mode, it is necessary to pair the mouse with your computer before using it.

Bluetooth Pairing Method:

1. Turn the switch on the bottom of the mouse to the **BT** position.
2. Press and hold the left, middle (scroll wheel click), and right buttons of the mouse simultaneously for three seconds.
3. At this time, the indicator light on the mouse will show a blue light flashing rapidly, indicating the mouse has entered Bluetooth pairing mode.
4. Open the Bluetooth settings on your computer or device.
5. Search for "ZaopinZ2" in the list of available devices and select it to pair.
6. Once successfully paired, the blue light will stop flashing.

Wired USB Type-C Mode:

Connect the provided USB-C cable directly from the mouse to your computer. The mouse will function in wired mode and charge simultaneously.

DPI Adjustment:

The DPI (Dots Per Inch) setting can be adjusted using the dedicated button on the bottom of the mouse. This controls the sensitivity and tracking speed of the mouse. Refer to the specifications section for available DPI settings.



Figure 5: Mouse Bottom with DPI Button and Switch

OPERATING INSTRUCTIONS

Basic Operation:

- **Clicking:** Use the left and right buttons for primary and secondary clicks.
- **Scrolling:** Use the scroll wheel to navigate through documents and web pages.
- **Forward/Backward:** Use the side buttons for quick navigation in supported applications.

Power and Charging Indicators:

- **Red light flashing:** Indicates low battery warning. Connect the mouse to a power source using the USB-C cable.
- **Purple light flashing:** Indicates charging in progress or the mouse is operating in wired mode.
- **Cyan light flashing:** Indicates the mouse is fully charged.
- **Blue light flashing:** Indicates the mouse bottom switch is set to BT mode and is in pairing mode.

If you do not use the mouse for a long time, it is recommended to turn off the mouse power using the switch on the bottom to conserve battery.

- **Cleaning:** Use a soft, dry cloth to clean the mouse surface. Avoid using harsh chemicals or abrasive materials.
- **Storage:** When not in use, store the mouse in a cool, dry place, ideally in the provided carrying pouch, to protect it from dust and damage.
- **Switch Replacement:** The left and right click buttons feature swappable seats, allowing you to easily replace the included TTC micro-motion switches with your preferred ones using a pull-and-plug method. Use the provided screwdriver for this process.

High-Quality TTC Micro-Motion Switches and E-sports Level Scroll Wheel Encoder

ZAOPIN Z2 promises a comfortable and satisfying clicking experience and precise scrolling. All this is achieved with the help of high-quality TTC micro-motion switches and e-sports level TTC scroll wheel golden encoder. The switches here have a durable 60 million click lifespan and offer smooth movement.

Put In Your Favourite Switches

The right and left click buttons have swappable seats. You can easily replace the included TTC micro-motion switches and put the ones that you like. This allows you to easily use your preferred set of switches on the Z2.

Figure 6: High-Quality TTC Micro-Motion Switches and E-sports Level Scroll Wheel Encoder

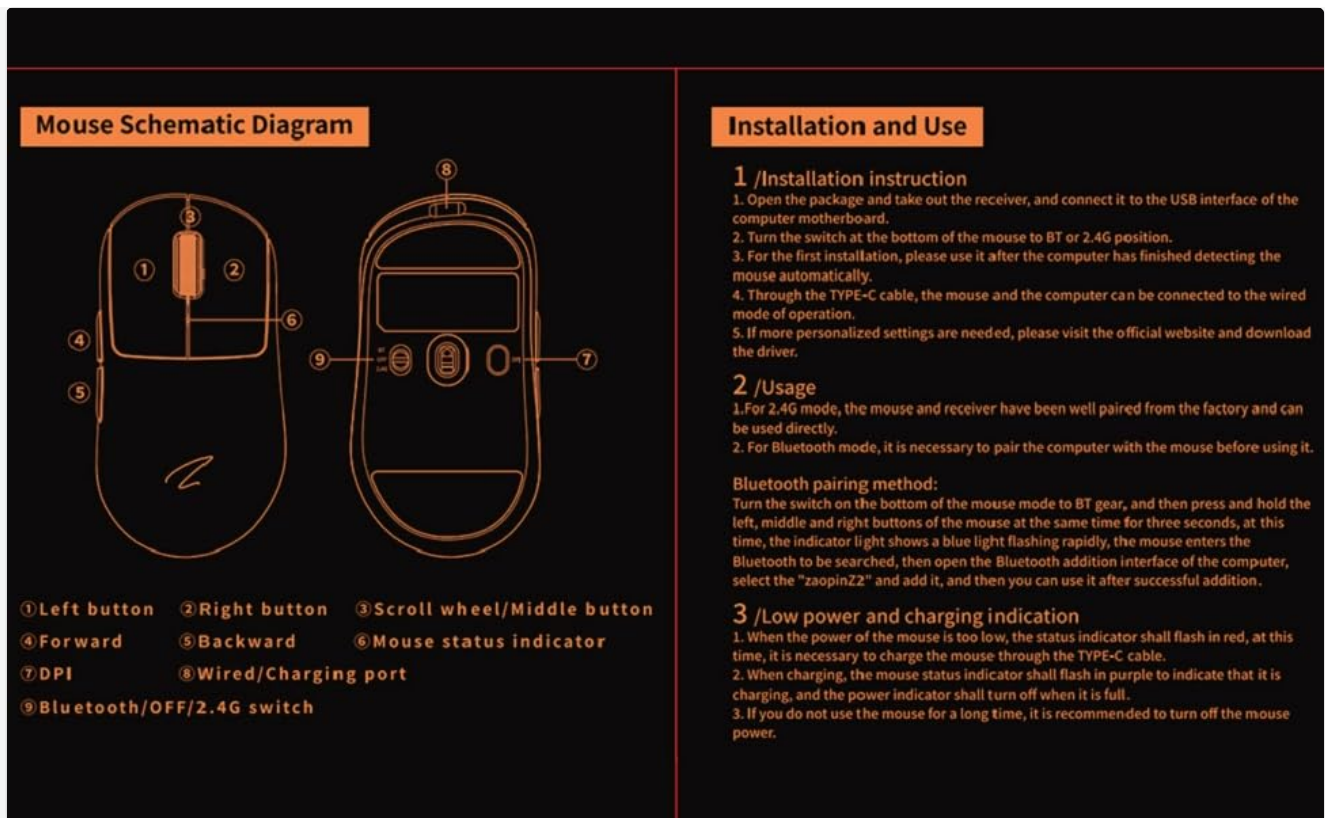


Figure 7: Microswitch Replacement Diagram

TROUBLESHOOTING

Problem	Possible Cause / Solution
Mouse not responding (2.4G mode)	◦ Ensure the 4K USB receiver is securely plugged into a USB port. ◦ Check if the switch on the bottom of the mouse is set to 2.4G. ◦ Verify the mouse battery is not low (red light flashing). Charge if necessary. ◦ Try plugging the receiver into a different USB port.
Mouse not connecting via Bluetooth	◦ Ensure the switch on the bottom of the mouse is set to BT. ◦ Initiate Bluetooth pairing mode (hold left, middle, right buttons for 3 seconds; blue light flashes). ◦ Make sure Bluetooth is enabled on your computer/device. ◦ Remove "ZaopinZ2" from your device's Bluetooth list and attempt to re-pair.
Mouse cursor movement is erratic or too slow/fast	◦ Adjust the DPI setting using the button on the bottom of the mouse. ◦ Ensure the mouse sensor is clean and free of debris. ◦ Use on a suitable mouse pad or surface.

Problem	Possible Cause / Solution
Battery drains quickly	◦ Ensure the mouse is fully charged (cyan light flashing). ◦ Turn off the mouse using the bottom switch when not in use for extended periods.

SPECIFICATIONS

Feature	Detail
Model	Z2
Dimensions	123 x 64 x 39.5 mm (4.84 x 2.52 x 0.04 inches)
Weight	Approx. 65g (4.3 ounces)
Sensor IC	PAW3395 (Flagship-level gaming-grade sensor)
MCU	NORDIC 52840
Maximum DPI	26000 DPI
DPI Settings	400-800 (default)-1600-2400-3200-6400
IPS (Inches Per Second)	650
Acceleration	50G
LOD (Lift Off Distance)	1mm/2mm
Rate of Return (Polling Rate)	125-250-500-1000 (2000-4000)Hz (4K return rate supported)
Working Mode	Wired/Bluetooth/2.4G Tri-mode
Cable Length	Approx. 1.5 meters
Battery Type	500mAh Lithium Battery
Charging Time	Approx. 2.5 hours

Three-Mode Versatile Connectivity

The 4K return rate on the ZAOPIN Z2 is not just limited to wired connection modes. It is available on wireless 2.4GHz mode as well. The mouse comes with a 4K receiver and you can enjoy ultra-fast performance straight out of the box. For easy connection to different devices, ZAOPIN Z2 supports three-mode versatile connectivity including wireless 2.4GHz, wireless Bluetooth, and wired USB Type-C connection modes.

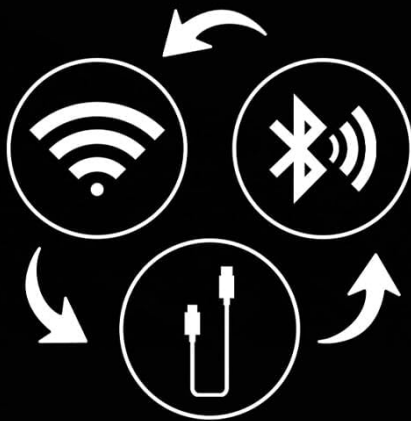


Figure 8: Mouse Dimensions

Magically Fast Performance

With its 4K return rate support, the ZAOPIN Z2 promises an astonishingly fast response time of 0.250ms. It instantly registers your movement and clicks bringing you instantaneous response in your games. With a high-speed return rate, the mouse responds to the computer faster and results in smoother and better operation.



Figure 9: Internal Components - Sensor and Chipset

WARRANTY AND SUPPORT

The Zaopin Z2 Wireless Mouse comes with a limited manufacturer's warranty. Please refer to the official Mechkeys website or contact customer support for detailed warranty terms and conditions.

For further assistance, technical support, or to download the latest drivers/software, please visit the official Mechkeys support page: [Mechkeys Official Store](#)

You can also refer to the original User Manual (PDF) provided with your product for additional information [User Manual \(PDF\)](#)

PRODUCT VIDEO

Your browser does not support the video tag.

Video: Turbocharge Your Game with Zaopin Z2 Wireless Mouse. This video showcases the design and features of the Zaopin Z2 mouse, including its different color options and sleek appearance.

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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.

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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