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SANWA GMA130

SANWA GMA130 Dual Mode Ergonomic Vertical Mouse User Manual

Introduction

Welcome to the user manual for your SANWA GMA130 Dual Mode Ergonomic Vertical Mouse. This manual provides detailed instructions for setting up, operating, and maintaining your device to ensure optimal performance and comfort.

Product Features

- **Dual Connectivity:** Supports both Bluetooth 5.0 and 2.4GHz Wireless modes for versatile connection options.
- **Ergonomic Vertical Design:** Engineered to promote a natural handshake position, reducing wrist and arm strain during prolonged use.
- **Integrated LED Display:** Provides real-time information including battery level, current DPI setting, connection mode, and connection status.
- **5 Programmable Buttons:** Customize button functions directly on the mouse without requiring additional software.
- **Adjustable DPI:** Offers four sensitivity levels (1200, 1600, 2000, 2400 DPI) for precise cursor control.
- **Rechargeable Battery:** Equipped with a built-in rechargeable battery for convenience and extended continuous operation.
- **Multi-Device Compatibility:** Compatible with various operating systems and devices, including Mac, Windows, Laptops, and Android.

Package Contents

- SANWA GMA130 Ergonomic Vertical Mouse
- 2.4GHz USB Receiver
- Charging Cable (Micro USB)
- User Manual (this document)

Setup and Connectivity

Powering On/Off

Locate the Power & Connection Switch on the bottom of the mouse. Slide it to the 'ON' position to power on the device. To power off, slide the switch to the 'OFF' position.

Image: The underside of the SANWA GMA130 mouse, highlighting the power and connection switch and the storage slot for the 2.4GHz USB receiver. This image illustrates the physical components for initial setup.

2.4GHz Wireless Connection

1. Insert the 2.4GHz USB receiver into an available USB port on your computer.
2. Slide the Power & Connection Switch on the mouse to the 2.4G wireless mode.
3. The mouse should automatically connect. The LED display will show "2.4G Wireless Mode" and "Connected".

Image: A hand demonstrating the insertion of the 2.4GHz USB receiver into its designated slot on the mouse's underside. This shows how to prepare the mouse for 2.4GHz wireless operation.

Bluetooth 5.0 Connection

1. Slide the Power & Connection Switch on the mouse to the Bluetooth mode.
2. On your device (computer, laptop, Android), navigate to Bluetooth settings and initiate a search for new devices.

3. Select "SANWA GMA130" from the list of available devices to pair.
4. The LED display will show "Bluetooth Mode" and "Connected" upon successful pairing.

Operating Instructions

Understanding the LED Display

The integrated LED display provides real-time information about your mouse's operational status:

Image: A detailed view of the mouse's LED display, indicating battery level (87%), DPI level (2400), connection mode (2.4G Wireless Mode), and connection status (Connected). This helps users monitor key operational parameters.

- **Battery Level:** Indicates the remaining battery charge.
- **DPI Level:** Shows the current Dots Per Inch sensitivity setting.
- **Connection Mode:** Displays whether the mouse is in 2.4G Wireless or Bluetooth mode.
- **Connection Status:** Confirms if the mouse is connected to a device.

Adjusting DPI Sensitivity

The mouse features 4 adjustable DPI levels: 1200, 1600, 2000, and 2400. To change the DPI, press the DPI switch button located near the scroll wheel. Each press cycles through the available DPI settings, which will be displayed on the LED screen.

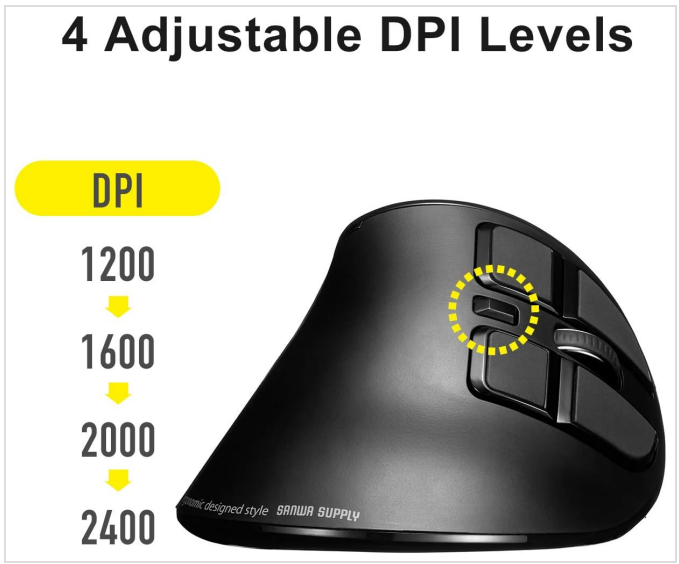

Image: The SANWA GMA130 mouse with an overlay illustrating the four adjustable DPI levels (1200, 1600, 2000, 2400) and indicating the location of the DPI switch button. This visual guide assists in adjusting mouse sensitivity.

Programming Buttons

The SANWA GMA130 mouse has 5 programmable buttons. You can customize their functions directly on the mouse without needing additional software.

Image: A diagram of the SANWA GMA130 mouse, labeling its five programmable buttons (1-5) and their default functions (Left-Click, Right-Click, Forward, Backward). This provides a clear reference for button identification.

To program a button:

1. Press and hold the DPI switch button for approximately 3 seconds until the LED display enters "Setting Mode".
2. Press the button you wish to customize.
3. Scroll the mouse wheel to select the desired function from the list displayed on the LED screen (e.g., Copy, Cut, Paste, Desktop, Web browser, PrtSc, Select All, Screen Lock, Volume Up/Down, Calculator).
4. Press the same button again to confirm the function.
5. Press and hold the DPI switch button for approximately 3 seconds to exit "Setting Mode".

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Video: This video demonstrates the process of programming the buttons on the SANWA GMA130 mouse using its LED display. It shows how to enter setting mode, select a button, choose a function from the menu, and confirm the setting.

Charging the Mouse

The mouse is equipped with a rechargeable battery. To charge, connect the provided Micro USB cable to the charging port on the front of the mouse and the other end to a USB power source (e.g., computer USB port, USB wall adapter).

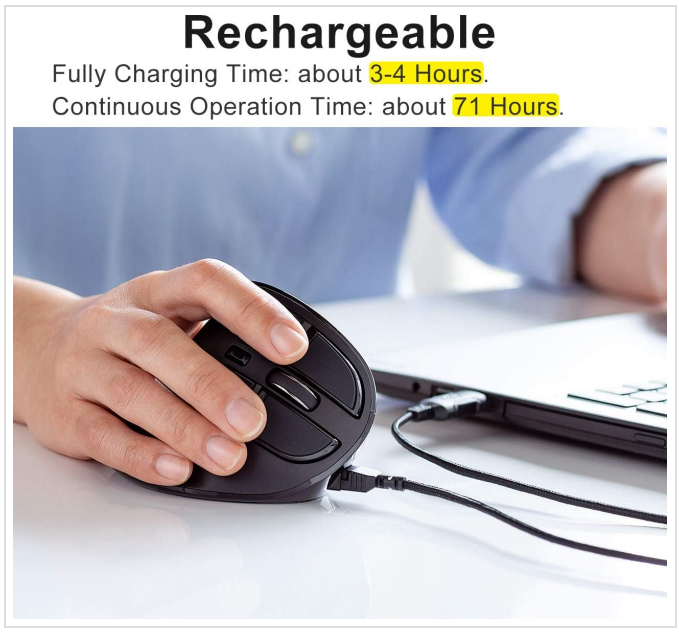


Image: The SANWA GMA130 mouse connected to a laptop via its charging cable, illustrating the charging process. The mouse's LED display shows battery status during charging.

A full charge takes approximately 3-4 hours and provides about 71 hours of continuous operation. The LED display will show the charging status.

Image: Text overlay stating "Fully Charging Time: about 3-4 Hours. Continuous Operation Time: about 71 Hours." This provides key information about the mouse's battery performance.

Maintenance

To ensure optimal performance and longevity of your SANWA GMA130 mouse, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the mouse surface. Avoid abrasive cleaners, solvents, or excessive moisture.
- **Optical Sensor:** Regularly inspect and clean the optical sensor on the bottom of the mouse to prevent dust or debris from affecting tracking accuracy.
- **Storage:** When not in use for extended periods, store the mouse in a dry, cool environment away from direct sunlight and extreme temperatures.

Troubleshooting

Mouse Not Connecting

- **Check Power:** Ensure the mouse is powered on and has sufficient battery charge.
- **Mode Selection:** Verify the Power & Connection Switch is set to the correct mode (2.4G or Bluetooth) for your intended connection.
- **USB Receiver:** For 2.4G mode, ensure the USB receiver is securely plugged into your device. Try a different USB port.
- **Bluetooth Pairing:** For Bluetooth mode, ensure Bluetooth is enabled on your device and re-attempt pairing if necessary. Remove previous pairings if issues persist.
- **Interference:** Move the mouse closer to your device and away from other wireless devices that might cause interference.

Cursor Movement is Erratic or Unresponsive

- **Surface:** Use the mouse on a clean, non-reflective, and opaque surface. Avoid glass or highly reflective surfaces.
- **Sensor:** Clean the optical sensor on the bottom of the mouse to remove any obstructions.
- **DPI Setting:** Adjust the DPI setting to a suitable level for your preference and task.
- **Battery:** Recharge the mouse if the battery level is low, as low power can affect performance.

Programmable Buttons Not Working

- **Setting Mode:** Ensure you have correctly exited the "Setting Mode" after programming the buttons.
- **Function Selection:** Double-check that the desired function was correctly assigned during the programming process.
- **Compatibility:** While the mouse is driver-free, some custom functions might behave differently or not be fully supported on specific operating systems or applications.

Charging Issues

- **Cable Connection:** Ensure the charging cable is securely connected to both the mouse and the power source.
- **Power Source:** Try a different USB port or a different USB wall adapter to rule out a faulty power source.
- **Cable Integrity:** Inspect the charging cable for any visible damage or kinks. Replace if necessary.

Specifications

Feature	Detail
Model	GMA130
Connectivity	Bluetooth 5.0, 2.4GHz Wireless
Movement Detection	Optical
DPI Levels	1200, 1600, 2000, 2400
Number of Buttons	5 (Programmable)

Feature	Detail
Battery	Rechargeable (Nonstandard Battery included)
Charging Time	Approx. 3-4 hours
Continuous Operation	Approx. 71 hours
Product Dimensions	4.37 x 2.95 x 2.83 inches
Item Weight	7.2 ounces
Manufacturer	SANWA SUPPLY

Image: A technical diagram detailing the dimensions (front and back views) of the SANWA GMA130 mouse in millimeters, its weight (116.3g), the dimensions of the USB receiver, and the length of the charging cable (1.5m). This provides precise physical specifications.

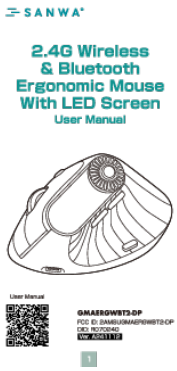
Warranty and Support

For warranty information or technical support regarding your SANWA GMA130 mouse, please refer to the official SANWA website or contact their customer service directly. Specific warranty details may vary by region and retailer.
You can also visit the official SANWA Store on Amazon for additional product information and support resources:

Visit the SANWA Store on Amazon

Related Documents - GMA130

	SANWA 2.4G Wireless Ergonomic Mouse (GMAERGW10N) User Manual User manual for the SANWA 2.4G Wireless Ergonomic Mouse, model GMAERGW10N, detailing its ergonomic design, silent click feature, adjustable DPI, 6 buttons, and wireless connectivity for various operating systems.

	[Sanwa MA-ERGBT11N Bluetooth Ergonomic Vertical Mouse User Manual] Detailed user manual for the Sanwa MA-ERGBT11N Bluetooth wireless ergonomic vertical mouse. Learn about its comfort-focused design, silent clicks, adjustable DPI, and broad compatibility with various operating systems.
	[Ergonomic Mouse User Manual] User manual for the Sanwa Ergonomic Mouse, detailing features, specifications, connection, troubleshooting, and warranty information.
	[SANWA 400-MATB167 Wired Trackball Mouse User Manual] Official user manual for the SANWA 400-MATB167 wired ergonomic trackball mouse. Learn about features, specifications, connection, customization, and troubleshooting.
	[Sanwa GSKB065E Bluetooth Keyboard User Manual: Features, Setup, and Specifications] Explore the Sanwa GSKB065E Bluetooth Keyboard user manual. Learn about its features, specifications, charging, pairing, multi-device connectivity, and compatibility with Windows, macOS, and Android devices.
	[SANWA GMAERGWBT2-DP 2.4G Wireless & Bluetooth Ergonomic Mouse User Manual] Comprehensive user manual for the SANWA GMAERGWBT2-DP ergonomic mouse, detailing its 2.4G wireless and Bluetooth connectivity, LED screen features, setup, connection methods for various operating systems, troubleshooting, specifications, and precautions.