SANWA GMATB167

SANWA Wired Ergonomic Trackball Mouse GMATB167 Instruction Manual

Model: GMATB167

1. INTRODUCTION

This manual provides detailed instructions for the SANWA Wired Ergonomic Trackball Mouse GMATB167. This device is designed to offer an ergonomic computing experience, reducing wrist and arm strain. It includes a 34mm trackball for precise cursor control and comes with a replacement ball. The mouse features a 15-degree tilt angle to maintain a natural wrist posture, making it suitable for extended use on various surfaces.

Image 1.1: The SANWA Wired Ergonomic Trackball Mouse GMATB167, shown with its primary red trackball and an additional orange replacement trackball.

2. SETUP

The SANWA GMATB167 trackball mouse is a wired device designed for simple plug-and-play functionality. It connects to your computer via a standard USB-A port.

2.1 Connecting the Mouse

1. Locate an available USB-A port on your computer.

2. Insert the USB-A connector of the trackball mouse into the USB-A port.

3. The operating system will automatically detect and install the necessary drivers. No additional software installation is required for basic functionality.

Programmable Buttons
Use the SANWA software to setup custom functions.

※Windows only

Image 2.1: The SANWA GMATB167 trackball mouse connected to a laptop via its 5.9ft USB-A cable, illustrating the wired connection.

3. OPERATING INSTRUCTIONS

3.1 Ergonomic Design and Wrist Support

The GMATB167 features a 15-degree tilt angle designed to promote a natural wrist position, reducing fatigue and discomfort during prolonged use. The trackball allows cursor movement without requiring arm or wrist movement, further contributing to ergonomic comfort.

Image 3.1: A hand positioned on the trackball mouse, highlighting the 15-degree natural tilt that helps relieve wrist fatigue and pain.

3.2 DPI Adjustment

The mouse offers four adjustable DPI (Dots Per Inch) levels to suit different cursor speed preferences and tasks. You can switch between these levels using the dedicated DPI button located on the mouse.

- **Available DPI Levels:** 600, 800, 1200, 1600

Image 3.2: The DPI adjustment button on the trackball mouse, indicating the four selectable cursor speed settings.

3.3 Silent Buttons

The left and right click buttons on the GMATB167 are designed for noiseless operation. This feature makes the mouse ideal for use in quiet environments such as libraries, meeting rooms, or during late-night work sessions, minimizing disturbance to others.
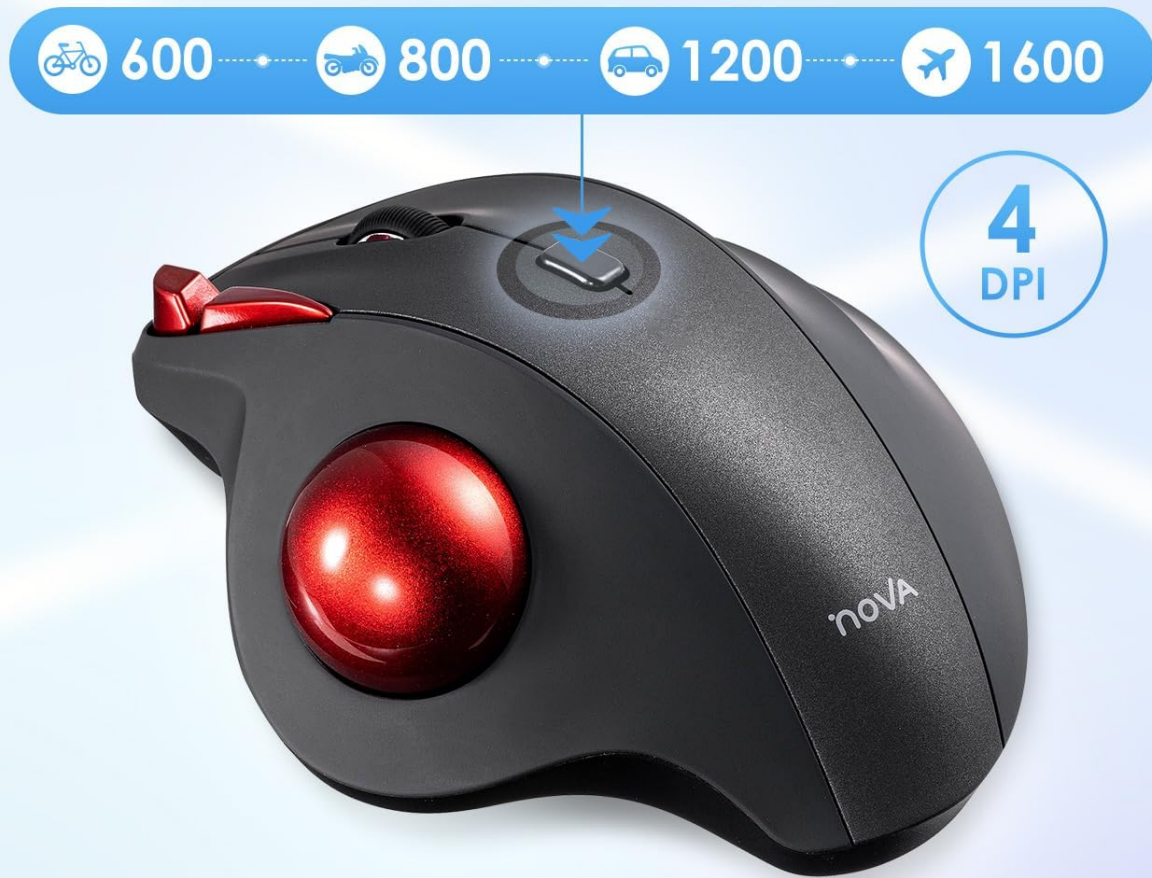
Image 3.3: The trackball mouse with noiseless buttons, suitable for use in quiet environments.

3.4 Programmable Buttons

The SANWA GMATB167 trackball mouse features programmable buttons, allowing you to customize functions for increased efficiency. To utilize this feature, you must download and install the SANWA Trackball mouse software.

- **Software Compatibility:** Windows operating systems only.
- **Functionality:** Customize left click, right click, middle click, forward, backward, and other functions.
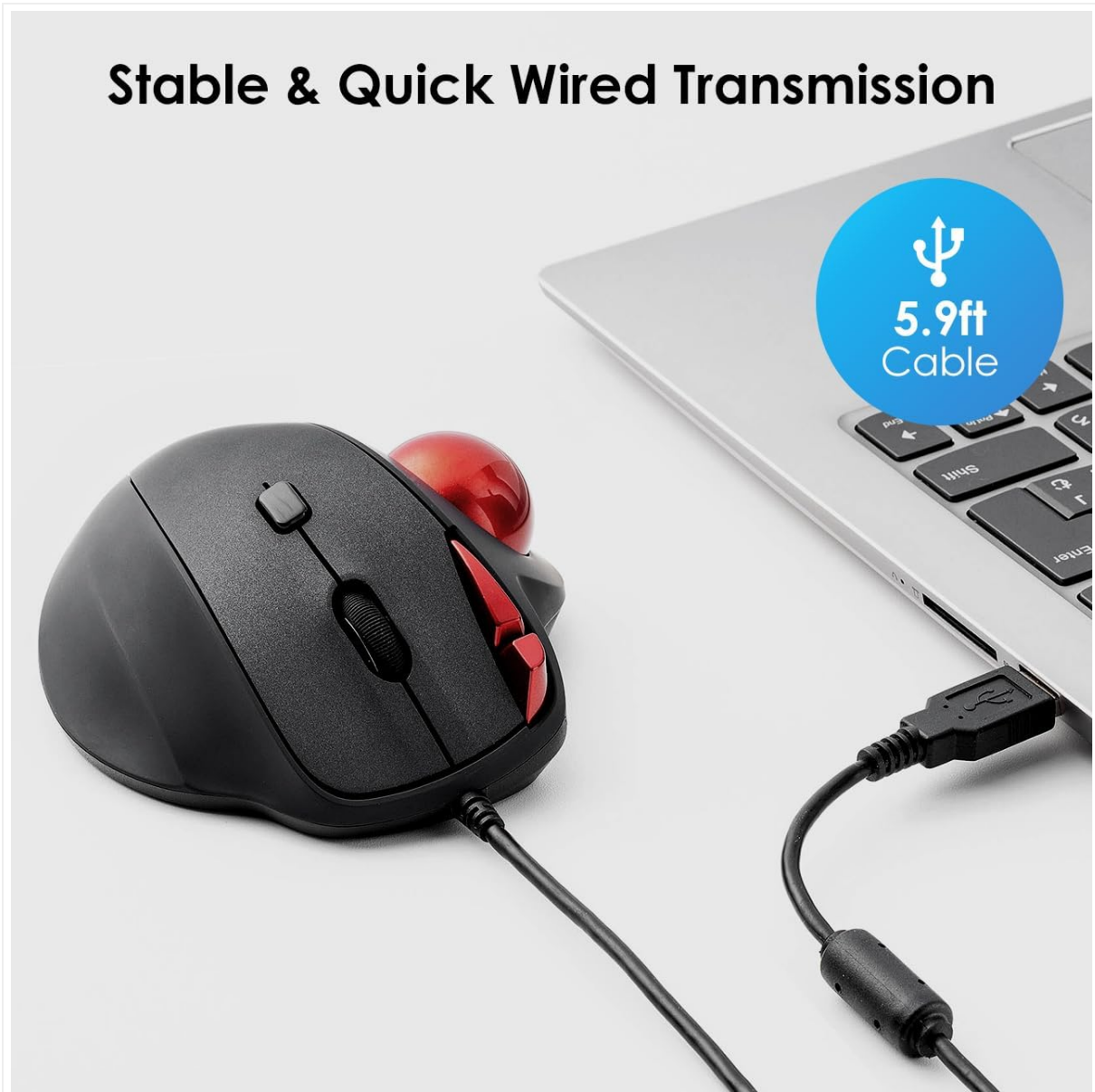
Image 3.4: The SANWA software interface for programming mouse buttons, available for Windows users.

4. MAINTENANCE

4.1 Trackball Cleaning and Replacement

The 34mm trackball is designed for smooth and agile movement, providing precise pointing. Over time, dust or debris may accumulate, affecting performance. Regular cleaning or replacement of the trackball can maintain optimal sensitivity.

- **Cleaning:** Gently remove the trackball from its housing. Use a soft, lint-free cloth to wipe the trackball and the internal optical sensors.
- **Replacement:** This set includes a 34mm replacement ball. To replace, simply remove the existing trackball and insert the new one.

Compatible

with SANWA Trackball Mice

GMATB128BK	GMAWTB129BK	GMABTTB130BK
GMATB167	GMAWTB168	GMABTTB169
GMATB155	GMATB44BKN/RN	GMABTTB1BK

with Other Brands

Logitech： M575, M570, MX Ergo Plus, MX Ergo

Kensington： TB450, TB550, Pro Fit Ergo

Elecom： Ex-G Pro, Ex-G

Perixx： PERIPRO-801, PERIMICE-720, PERIMICE-717, PERIMICE-520, PERIMICE-517

Protoarc： EM01

Image 4.1: A hand demonstrating the use of the trackball for cursor movement.

Image 4.2: The 34mm orange replacement trackball, designed for smooth and accurate cursor control.

5. COMPATIBILITY

The SANWA GMATB167 trackball mouse is compatible with a wide range of operating systems and can also use replacement balls compatible with various other trackball mouse models.

5.1 System Compatibility

- Windows (DOS/V): Windows 11, 10, 8.1, 8, and earlier versions.
- Mac OS: Mac OS 12, 11, 10.13-10.15, and earlier versions.
- Chrome OS

5.2 34mm Replacement Ball Compatibility

The included 34mm replacement ball is compatible with the following trackball mouse models:

- **SANWA:** GMATB128BK, GMAWTB129BK, GMABTTB130BK, GMATB167, GMAWTB168, GMABTTB169, GMATB155, GMATB44BKN/RN, GMABTTB1BK
- **Logitech:** MX Ergo, M570, M575, MX Ergo Plus
- **ELECOM:** EX-G Pro (M-XPT1MRXBK), EX-G

- **Kensington:** TB450, TB550, Pro Fit Ergo (K75326WW)
- **Perixx:** PERIPRO-801, Perimice-517, Perimice-717, Perimice-520, Perimice-720

Image 5.1: Packaging for the 34mm replacement trackball, detailing compatibility with various trackball mouse models.

6. SPECIFICATIONS

Feature	Specification
Model Number	GMATB167
Connectivity	Wired USB-A
Cable Length	5.9 ft (approx. 1.8 m)
DPI Levels	600, 800, 1200, 1600 (adjustable)
Trackball Diameter	34 mm
Ergonomic Tilt Angle	15 degrees
Button Type	Silent (Left & Right clicks)

Feature	Specification
Programmable Buttons	Yes (via SANWA software for Windows)
ASIN	B0DMS427MT
Date First Available	November 12, 2024

Related Documents - GMATB167

	[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 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.
	[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 Trackball Mouse 400-MATB167	GMATB167 User Manual](#) Official user manual and specifications for the Sanwa Trackball Mouse, model 400-MATB167 and GMATB167. Includes setup, troubleshooting, health warnings, and FCC compliance information.
	[Ergonomic Mouse User Manual](#) User manual for the Sanwa Ergonomic Mouse, detailing features, specifications, connection, troubleshooting, and warranty information.
	[SANWA Bluetooth Trackball Mouse 400-MAWBTTB138 User Manual](#) Comprehensive user manual for the SANWA Bluetooth Trackball Mouse models 400-MAWBTTB138 and GMAWBTTB138, covering specifications, setup, operation, troubleshooting, and FCC compliance.