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› [TECKNET Pro Wireless Trackball Mouse TK-MS023 User Manual](#)

TECKNET TK-MS023

TECKNET Pro Wireless Trackball Mouse

Model: TK-MS023

Brand: TECKNET

INTRODUCTION

Thank you for choosing the TECKNET Pro Wireless Trackball Mouse. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your new device. Please read these instructions carefully to ensure optimal performance and longevity of your mouse.

Smooth Trackball Mouse

All-day Comfort with Smooth Thumb Control



Image: The TECKNET Pro Wireless Trackball Mouse in use, demonstrating its ergonomic design and thumb-controlled trackball.

PRODUCT OVERVIEW

Familiarize yourself with the components and controls of your TECKNET Pro Wireless Trackball Mouse.

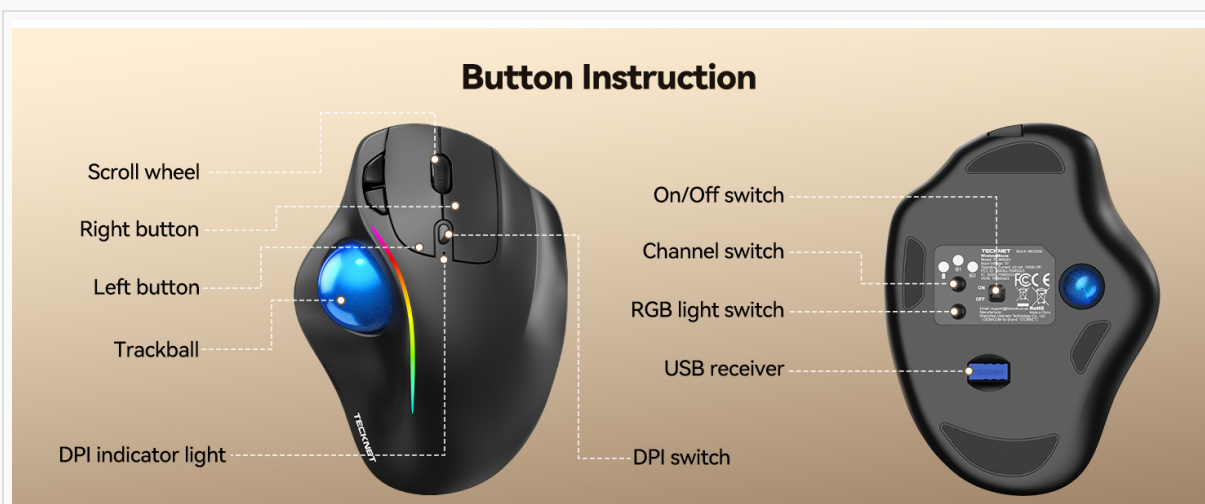


Image: Detailed diagram illustrating the various buttons, switches, and features of the trackball mouse.

- **Left/Right Buttons:** Standard mouse click functions.
- **Scroll Wheel:** For vertical scrolling.
- **Trackball:** For cursor movement. Controlled by the thumb.
- **DPI Switch:** Adjusts cursor sensitivity (100-200-400-800-1200 DPI).
- **DPI Indicator Light:** Shows current DPI setting.
- **On/Off Switch:** Powers the mouse on or off. Located on the underside.
- **Channel Switch:** Selects between 2.4G, Bluetooth 1 (BT1), and Bluetooth 2 (BT2) connection modes. Located on the underside.
- **RGB Light Switch:** Controls the RGB lighting effects. Located on the underside.
- **USB Receiver:** Stores inside the mouse for 2.4G wireless connection.
- **USB-C Charging Port:** For recharging the internal battery.

SETUP

Package Contents

The package should contain:

- TECKNET Pro Wireless Trackball Mouse
- USB 2.4G Receiver (stored inside the mouse)
- USB-C Charging Cable
- User Manual (this document)

Charging the Mouse

Before first use, or when the battery is low, charge the mouse using the provided USB-C cable.

1. Connect the USB-C end of the cable to the mouse's charging port.
2. Connect the USB-A end to a power source (e.g., computer USB port, USB wall adapter).
3. The RGB lighting may indicate charging status. A full charge takes approximately 1.5 hours.

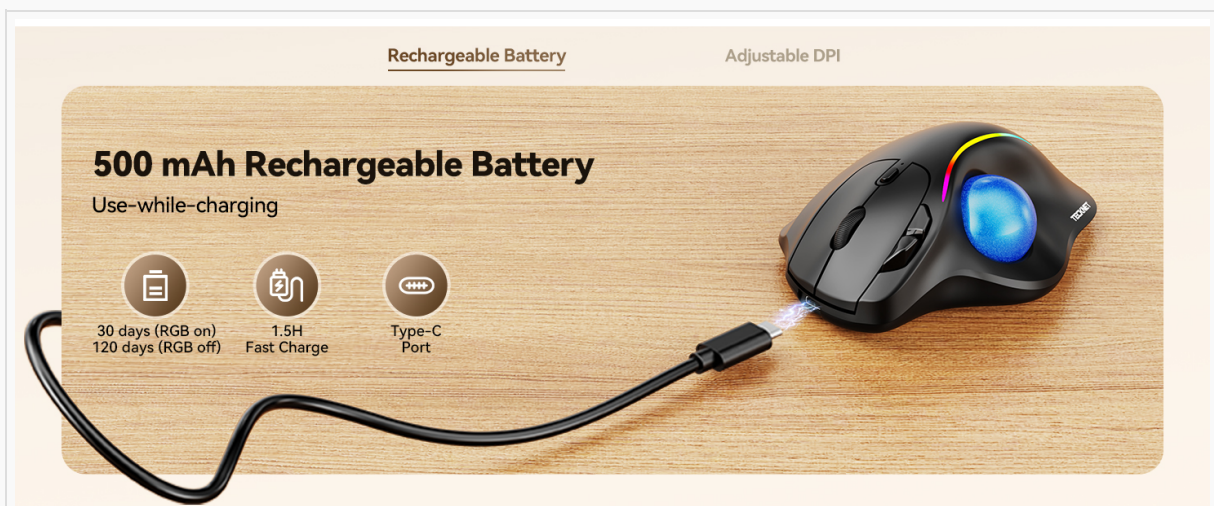


Image: The trackball mouse being charged via its USB-C port, highlighting battery life and charging speed.

Connecting the Mouse

The mouse supports three connection modes: 2.4G wireless via USB receiver, Bluetooth 1, and Bluetooth 2.

2.4G Wireless Connection:

1. Locate the USB receiver stored in the compartment on the underside of the mouse.

2. Plug the USB receiver into an available USB port on your computer.
3. Turn on the mouse using the On/Off switch on the underside.
4. Set the Channel Switch to the 2.4G position. The mouse should connect automatically.

Bluetooth Connection (BT1 / BT2):

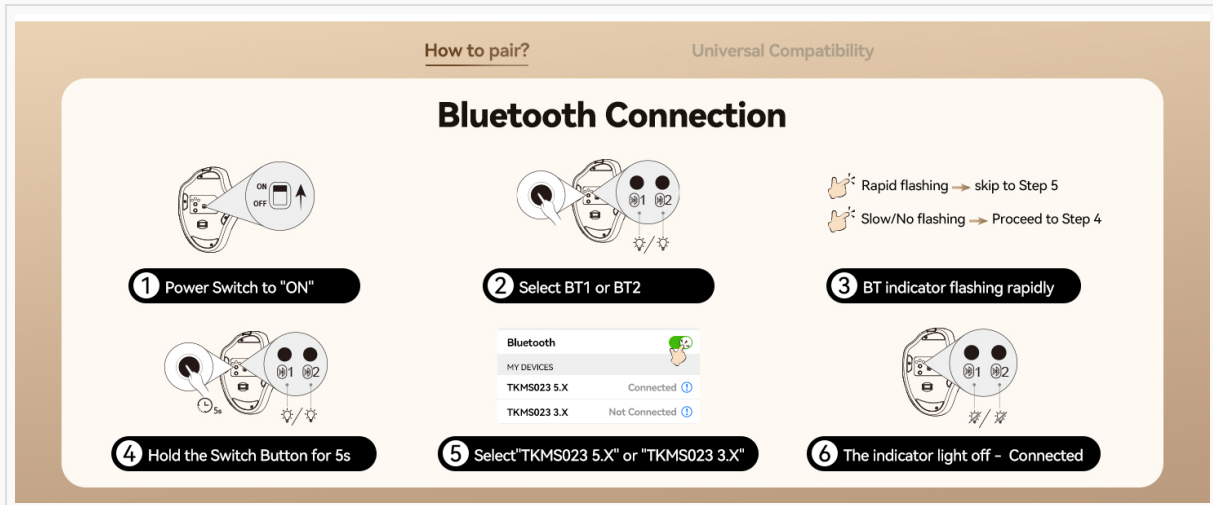


Image: Visual guide for pairing the mouse via Bluetooth.

1. Turn on the mouse using the On/Off switch.
2. Set the Channel Switch to either the BT1 or BT2 position.
3. Press and hold the Channel Switch button for 5 seconds until the Bluetooth indicator light flashes rapidly. This indicates pairing mode.
4. On your device (PC, Mac, tablet), open Bluetooth settings and search for new devices.
5. Select "TKMS023 5.X" or "TKMS023 3.X" from the list of available devices to pair.
6. Once connected, the indicator light will turn off.

To connect a second Bluetooth device, repeat the steps above, selecting the other Bluetooth channel (BT1 or BT2) that is not currently in use.

OPERATING INSTRUCTIONS

Switching Between Devices

To switch between connected devices, simply move the Channel Switch on the underside of the mouse to the desired connection mode (2.4G, BT1, or BT2).



Image: The trackball mouse simultaneously connected to three different devices (desktop, laptop, tablet) using its multi-

device connectivity feature.

Adjusting DPI Sensitivity

The DPI (Dots Per Inch) setting controls the cursor speed and sensitivity. You can adjust it to your preference.

1. Press the DPI switch button located near the scroll wheel.
2. Each press cycles through the 5 available DPI levels: 100, 200, 400, 800, and 1200 DPI.
3. The DPI indicator light will briefly change to show the current setting.



Image: Illustration of the DPI button and the five adjustable DPI levels for cursor control.

Controlling RGB Lighting

The mouse features customizable RGB lighting.

- Use the RGB light switch on the underside of the mouse to turn the lighting on or off.
- Turning off the RGB lighting can extend battery life significantly.

ERGONOMICS AND USAGE

The TECKNET Pro Wireless Trackball Mouse is designed for comfort and reduced strain during extended use.

Ergonomic Design Benefits

The mouse features a 16° vertical angle to promote a more natural hand and forearm posture, which can reduce muscle strain by up to 50% compared to traditional mice.



Image: Comparison illustrating how the ergonomic design with a 16° vertical angle reduces wrist fatigue and saves desk space.

Hand Size Recommendation

This mouse is specifically designed for medium to large hand sizes for optimal comfort and control.

- Recommended Hand Length: 6.9 - 7.5 inches
- Recommended Palm Width: 3.0 - 3.5 inches

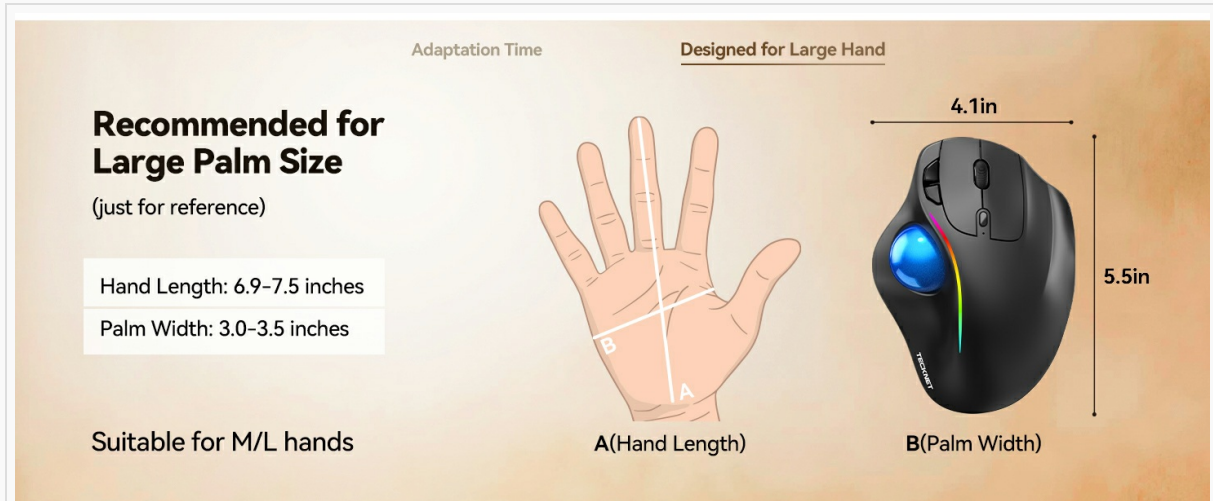


Image: Guide for determining suitable hand size for the trackball mouse.

Adaptation Time

It may take 1-2 weeks to fully adapt to the trackball mouse, especially if you are accustomed to a traditional mouse. During this period, your comfort level will increase, and muscle pressure will decrease.

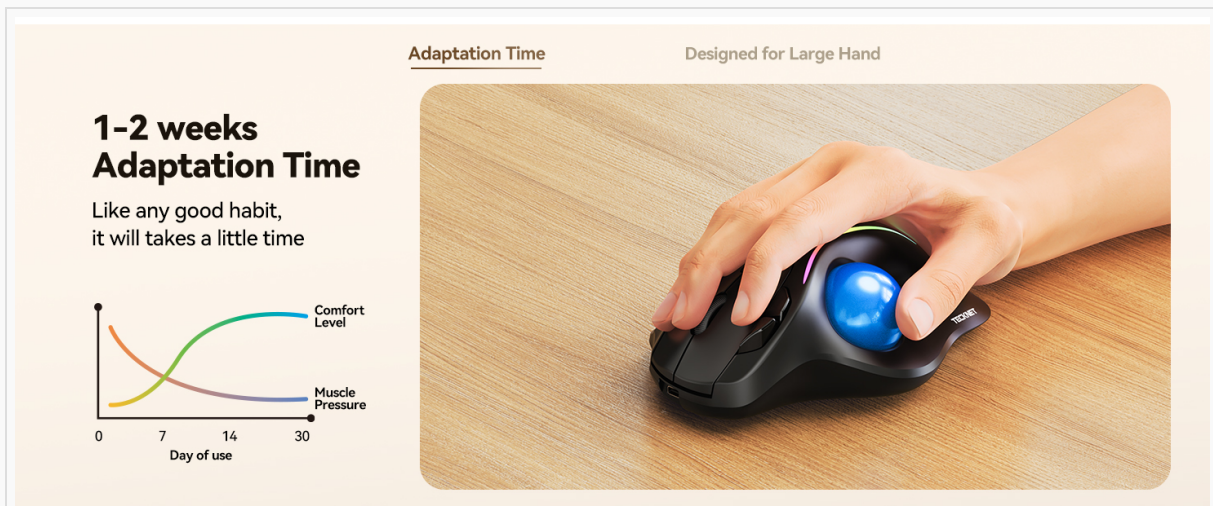


Image: Chart illustrating the typical adaptation period for using an ergonomic trackball mouse.

MAINTENANCE

Cleaning the Trackball

For optimal tracking performance, regularly clean the trackball and its housing.

1. Turn off the mouse.
2. Gently push the trackball from the underside opening to remove it.
3. Use a soft, lint-free cloth to wipe the trackball clean.
4. Use a cotton swab or compressed air to clean any dust or debris from the trackball's housing and

sensors.

5. Reinsert the trackball into its housing.

Battery Care

- Avoid exposing the mouse to extreme temperatures.
- Charge the mouse regularly to maintain battery health.
- If storing the mouse for an extended period, charge it to about 50% and turn it off.

TROUBLESHOOTING

If you encounter issues with your mouse, refer to the following common solutions:

Problem	Possible Solution
Mouse not responding	Ensure the mouse is turned on. Check battery level and charge if necessary. Verify the Channel Switch is set to the correct mode (2.4G, BT1, or BT2). For 2.4G: Ensure the USB receiver is securely plugged in. Try a different USB port. For Bluetooth: Re-pair the mouse with your device. Ensure Bluetooth is enabled on your device.
Cursor movement is erratic or sluggish	Clean the trackball and its housing as described in the Maintenance section. Adjust the DPI setting to a higher value. Ensure there are no obstructions between the mouse and the receiver/device.
RGB lighting not working	Ensure the RGB light switch on the underside is in the 'On' position. Check battery level; low battery might disable RGB.
Side buttons not working on Mac	This is a known compatibility limitation. Side buttons are not compatible with Mac operating systems.

SPECIFICATIONS

- **Model:** TK-MS023
- **Connectivity:** 2.4G Wireless, Bluetooth (BT1, BT2)
- **Movement Detection:** Optical
- **DPI Levels:** 100, 200, 400, 800, 1200
- **Battery:** 500mAh Rechargeable (USB-C)
- **Battery Life:** Up to 30 days (RGB on), up to 120 days (RGB off)
- **Ergonomics:** 16° Vertical Angle
- **Dimensions:** 5.5" x 4.1" x 2" (approx. 140mm x 104mm x 50mm)
- **Weight:** 2.12 ounces (approx. 60g)
- **Compatibility:** Windows XP/7/8/10/11, Mac OS 10.5+, Linux, Chrome OS, Android 5.0+ (Note: Side buttons not compatible with Mac)

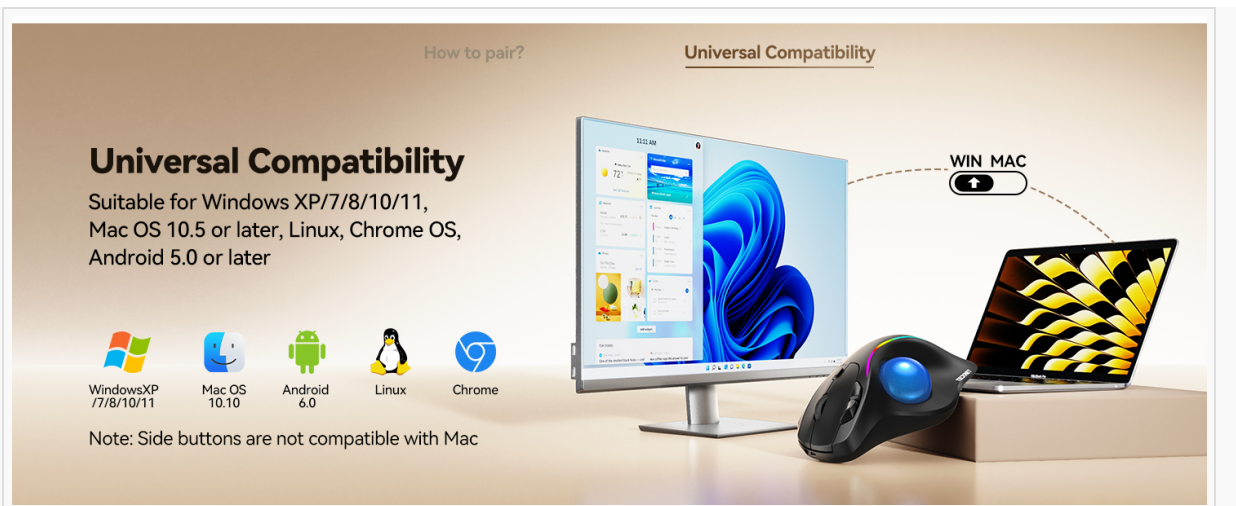


Image: Overview of the operating systems compatible with the trackball mouse.

WARRANTY AND SUPPORT

TECKNET products are designed to meet high quality standards. For warranty information or technical support, please refer to the warranty card included with your product or visit the official TECKNET website. You may also contact customer service through your purchase platform for assistance.