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## ProtoArc EM01 NL

# ProtoArc EM01 NL Wireless Trackball Mouse User Manual

MODEL: EM01 NL

## 1. Introduction

The ProtoArc EM01 NL Wireless Trackball Mouse is designed for enhanced comfort and precision. Its ergonomic features, including an adjustable angle and thumb-controlled trackball, aim to reduce wrist and arm strain during extended use. This mouse offers versatile connectivity options and customizable settings to optimize your workflow across multiple devices.

## 2. What's in the Box

- An Ergonomic Trackball Mouse
- A Type C Charging Cable
- A USB Receiver
- A User Manual

## 3. Setup

### 3.1 Power On/Off

Locate the ON/OFF switch on the bottom of the mouse. Slide the switch to 'ON' to power on the device.

### 3.2 Connectivity Options

The EM01 NL supports three connection modes: 2.4G Wireless (via USB receiver) and two Bluetooth channels.

1. **2.4G Wireless Connection:** Plug the provided USB receiver into an available USB port on your computer. The mouse will automatically connect.
2. **Bluetooth Connection (Channel 2 or 3):**
  - Press the channel switch button on the mouse to select Channel 2 or 3. The corresponding indicator light will blink.

- On your device (PC, laptop, iPad), go to Bluetooth settings and search for 'EM01 NL'.
- Select the mouse to pair. The indicator light will become solid once connected.

### 3.3 Switching Between Devices

Use the channel switch button on the mouse to seamlessly switch between up to three connected devices (one 2.4G wireless and two Bluetooth devices).



Image: The ProtoArc EM01 NL mouse connected simultaneously to a laptop, desktop monitor, and tablet, demonstrating its multi-device connection capability.

Video: An overview of the ProtoArc Wireless Trackball Mouse, highlighting its features and connectivity options.

## 4. Operating Instructions

#### 4.1 Ergonomic Design and Adjustable Angle

The mouse features a unique adjustable hinge that allows you to customize the trackball angle from 0 to 20 degrees. This helps achieve a more natural and comfortable hand position, reducing fatigue.



Image: The ProtoArc EM01 NL mouse demonstrating its adjustable angle from 0 to 20 degrees, designed for personalized ergonomic comfort.

#### 4.2 Precise Thumb Trackball

Control the cursor movement with your thumb using the trackball. This eliminates the need to move your arm, making it ideal for use in confined spaces and reducing wrist and arm strain.

#### 4.3 Adjustable DPI Settings

The mouse offers 5 DPI levels (200/400/800/1200/1600) to easily adjust cursor sensitivity. Press the DPI

button to cycle through the settings and find your preferred tracking speed for precise movement.



Image: The ProtoArc EM01 NL mouse illustrating its adjustable DPI settings (200/400/800/1200/1600) for precise cursor control.

#### 4.4 Quiet Clicking

The mouse features a smooth frosted surface and quiet click buttons, providing a better user experience without disturbing others. Note: The middle scroll wheel is not silent. The back and forward buttons are non-programmable and not compatible with Mac OS systems.



Image: The ProtoArc EM01 NL mouse highlighting its quiet click feature, showing minimal noise output compared to typical mouse sounds.

Video: A demonstration of the ProtoArc EM01 NL mouse in use, showcasing its functionality and ergonomic benefits.

## 5. Charging

The ProtoArc EM01 NL mouse features a built-in rechargeable lithium battery and charges via a Type-C cable. A full charge typically takes 1-3.5 hours and provides over 300 days of standby time. Remember to turn off the mouse when not in use for extended periods to conserve battery life.

# Type-C Rechargeable



**300+DAYS**  
Standby Time



**1-3.5 HOURS**  
Full Charged



Image: The ProtoArc EM01 NL mouse being charged via its USB-C port, highlighting its long battery life and quick charging capability.

Video: A user demonstrating the charging process of the ProtoArc Trackball Mouse, emphasizing its convenience and battery features.

## 6. Maintenance

### 6.1 Cleaning the Trackball

To ensure smooth and accurate tracking, regularly clean the trackball and the three white rollers inside its housing. After a period of use, dust and debris can accumulate, affecting performance. To clean:

1. Gently push the trackball from the bottom opening to remove it.
2. Use a soft, lint-free cloth to wipe the trackball and the three internal rollers.

3. Reinsert the trackball into its housing.

Note: If the trackball does not run smoothly, especially when the computer is just started or a large application is running, it may indicate a need for cleaning.



Image: Step-by-step guide on how to remove, clean, and reinsert the trackball for optimal performance.

## 7. Troubleshooting

### 7.1 Getting Used to the Trackball Mouse

For first-time users, adapting to the thumb-controlled trackball may require a learning curve. It is recommended to experiment with different hand positions to find what is most comfortable. Many users find that after 1-2 weeks of consistent use, the trackball mouse significantly reduces wrist pressure and pain compared to traditional mice.

### 7.2 Trackball Not Moving Smoothly

If the trackball's movement becomes sluggish or imprecise, it is likely due to accumulated dust or debris. Refer to Section 6.1 for instructions on how to clean the trackball and internal rollers.

## 8. Specifications

<b>Brand</b>	ProtoArc
<b>Model Number</b>	EM01 NL
<b>Product Dimensions</b>	3.54 x 2.76 x 0.04 inches
<b>Item Weight</b>	12.3 ounces
<b>Batteries</b>	1 Lithium Ion batteries required.
<b>Connectivity Technology</b>	2.4G Wireless, Bluetooth
<b>Special Features</b>	Adjustable Angle, Ergonomic Design, Quiet, Rechargeable, Wireless
<b>Movement Detection Technology</b>	Trackball

## 9. Warranty and Support

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For warranty information or technical support, please refer to the official ProtoArc website or contact their customer service directly. Specific warranty terms may vary by region and retailer.