ProtoArc EM03 NL

ProtoArc EM03 NL Wireless Bluetooth Trackball Mouse User Manual

Model: EM03 NL | Brand: ProtoArc

INTRODUCTION

The ProtoArc EM03 NL Wireless Bluetooth Trackball Mouse is designed to provide an ergonomic and efficient computing experience. This manual will guide you through the setup, operation, maintenance, and troubleshooting of your new trackball mouse, ensuring optimal performance and comfort.

Image: The ProtoArc EM03 NL Wireless Bluetooth Trackball Mouse, showcasing its ergonomic design and red trackball.

Wʜᴀᴛ's ɪɴ ᴛʜᴇ Bᴏx

- Trackball Mouse
- User Manual
- USB Receiver
- Charging Cable

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Familiarize yourself with the components and controls of your ProtoArc EM03 NL trackball mouse.
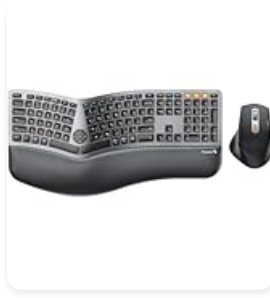
Image: A detailed diagram labeling the trackball, left/right buttons, scroll wheel, forward/backward buttons, DPI button, channel switch, power switch, and USB receiver slot.

- **Trackball:** For precise cursor control using your index finger.
- **Left/Right Buttons:** Standard mouse click functions.
- **Scroll Wheel:** For vertical scrolling.
- **Forward/Backward Buttons:** Navigate web pages or documents.
- **DPI Button:** Adjust cursor sensitivity (200/400/800/1200/1600 DPI). Located on the bottom.
- **Channel Switch:** Toggle between 2.4G wireless and two Bluetooth connections (BT1, BT2). Located on the bottom.
- **Power Switch:** Turns the mouse On/Off. Located on the bottom.
- **USB Receiver Slot:** Stores the 2.4G USB receiver. Located on the bottom.

SETUP & CONNECTION

Your ProtoArc EM03 NL trackball mouse offers versatile connectivity options.

2.4G Wireless Connection

1. Locate the USB receiver stored in the slot on the bottom of the mouse.
2. Plug the USB receiver into an available USB port on your computer.
3. Slide the power switch on the bottom of the mouse to the "ON" position.
4. Set the channel switch to the "2.4G" position. The indicator light will illuminate.
5. Your mouse should now be connected and ready to use.

Bluetooth Connection (BT1 / BT2)

1. Slide the power switch on the bottom of the mouse to the "ON" position.
2. Slide the channel switch to either "BT1" or "BT2" position.
3. Press and hold the channel switch button for 3 seconds until the corresponding indicator light flashes quickly. This indicates the mouse is in pairing mode.
4. On your device (PC, iPad, Mac, etc.), go to Bluetooth settings and search for "ProtoArc EM03 NL".
5. Select the mouse to pair. Once connected, the indicator light will stop flashing and remain solid.
6. To connect a second Bluetooth device, repeat steps 2-5, selecting the other Bluetooth channel (BT1 or BT2).

Get the Perfect Fit with Our Ergonomic Design

Recommended for medium to large hand

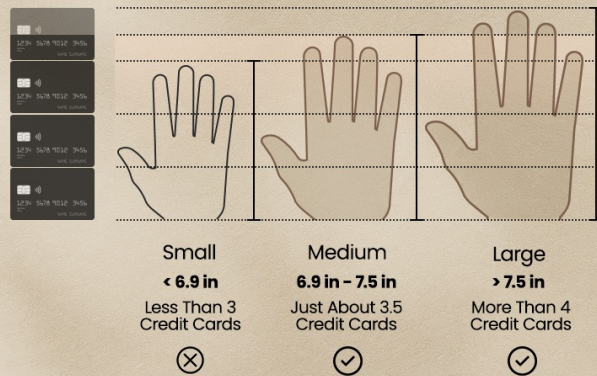| Small	Medium	Large
< 6.9 in	6.9 in – 7.5 in	> 7.5 in
Less Than 3 Credit Cards	Just About 3.5 Credit Cards	More Than 4 Credit Cards
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Image: The underside of the mouse, highlighting the power switch, channel selection, and USB receiver storage for multi-device connectivity.

Your browser does not support the video tag.

Video: An official ProtoArc video demonstrating the features and connectivity of the Wireless Bluetooth Trackball Mouse.

OPERATION

DPI Adjustment

The mouse features 5 adjustable DPI levels (200/400/800/1200/1600 DPI) to customize cursor sensitivity. To change the DPI, press the DPI button located on the bottom of the mouse. Each press cycles through the available settings.

Ergonomic Design for All Day Comfort

Image: Illustration of the DPI adjustment button on the mouse's underside and the USB-C charging port.

Trackball Usage

Control the cursor by rolling the 44mm trackball with your index finger. This allows for precise navigation without moving your wrist or arm, reducing strain.
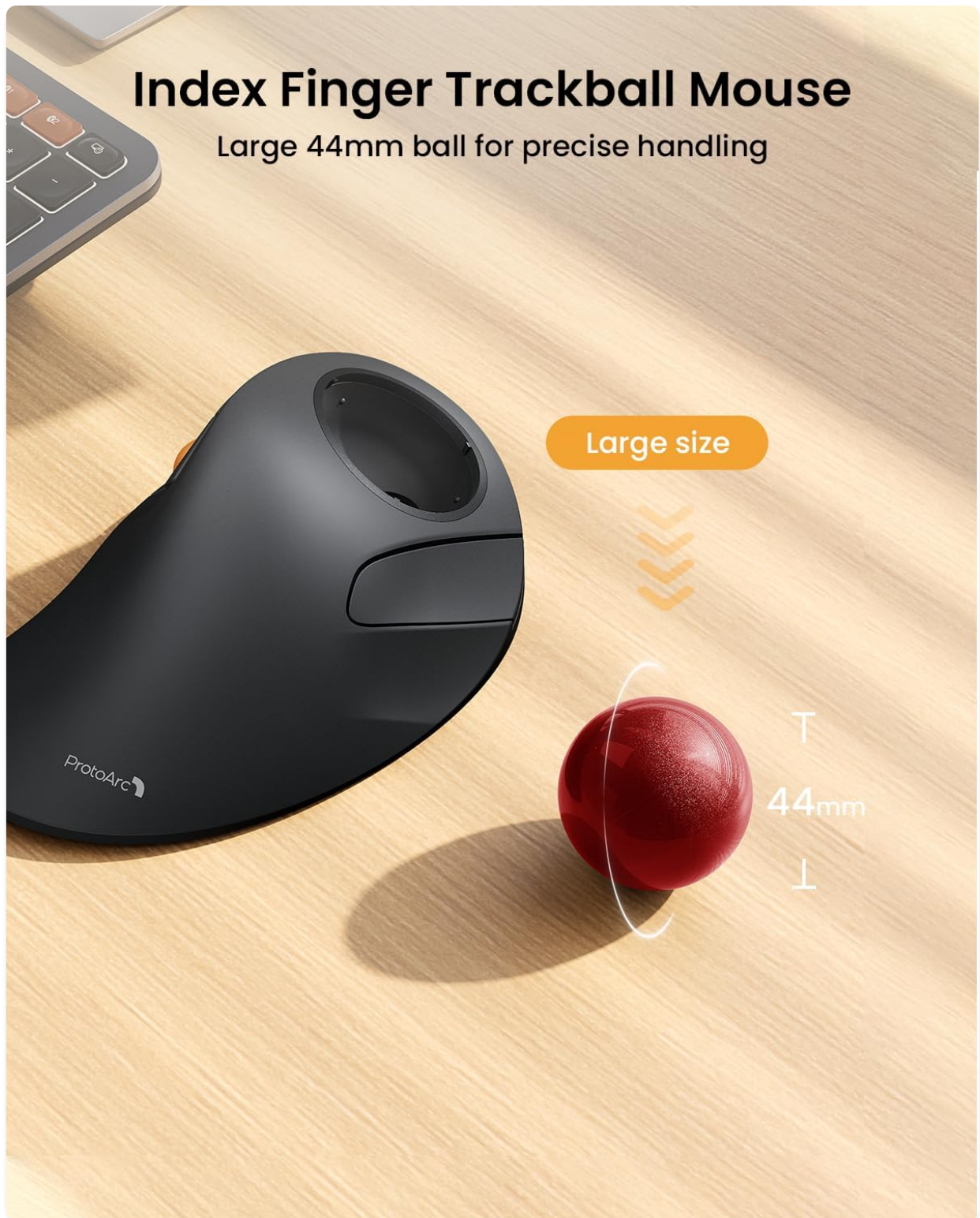
Index Finger Trackball Mouse

Large 44mm ball for precise handling

Large size

44mm

Image: Close-up of the ProtoArc EM03 NL trackball mouse, highlighting its large 44mm trackball for precise control.

Forward/Backward Buttons

Use the dedicated forward and backward buttons, conveniently located near the scroll wheel, to quickly navigate through web pages or folders.

ERGONOMICS & COMFORT

The EM03 NL is designed to fit the natural curves of your hand, promoting a comfortable, neutral wrist posture. This ergonomic design helps prevent strain and fatigue during extended use.

Better Fit for Natural Hand Curves

Index finger-controlled mouse
to release your wrist and arm pain

Image: A hand resting naturally on the ergonomic ProtoArc EM03 NL trackball mouse, demonstrating comfortable usage.

USB-C Fast Charging
500mAh high-capacity battery

5 DPI Adjustable modes

Note: Choose the appropriate cursor speed according to your needs

200
400
800
1200
1600

DPI
ON

Image: A graph illustrating the typical 1-2 week adaptation period for users to achieve maximum comfort and reduced muscle tension with the ergonomic design.

BATTERY & CHARGING

The EM03 NL features a built-in 930mAh lithium battery. A single full charge provides up to 60 days of power. The mouse enters an auto-sleep mode after a few minutes of inactivity to conserve battery. Click any button to wake it up.

- **Charging Time:** Approximately 3.5 hours for a full charge.
- **Charging Port:** USB-C.

Image: The ProtoArc EM03 NL trackball mouse being charged via its USB-C port.

Maintenance

To ensure smooth and precise tracking, regular cleaning of the trackball is recommended.

Cleaning the Trackball

1. Turn off the mouse using the power switch on the bottom.
2. Gently push the trackball from the bottom opening to remove it.
3. Use a soft, lint-free cloth or cotton swab to clean the trackball and the inside of the trackball cavity, removing any dust or debris.
4. Reinsert the trackball into its socket.

Image: Visual guide on how to remove and clean the trackball for optimal performance.

SPECIFICATIONS

Model	EM03 NL
Connectivity Technology	2.4G Wireless, Bluetooth (BT1, BT2)
DPI Levels	200/400/800/1200/1600
Battery Capacity	930mAh Lithium Battery
Battery Life	Up to 60 days (on a single charge)
Charging Time	Approx. 3.5 hours
Movement Detection	Trackball
Item Weight	13.1 ounces
Package Dimensions	6.93 x 4.96 x 3.27 inches

TROUBLESHOOTING

- **Mouse not responding:** Ensure the mouse is powered on and correctly connected via 2.4G or Bluetooth. Check battery level.
- **Cursor movement is erratic:** Clean the trackball and its cavity as described in the Maintenance section. Adjust DPI settings if cursor is too fast or slow.
- **Cannot pair via Bluetooth:** Ensure the mouse is in pairing mode (flashing indicator light). Check your device's Bluetooth settings and try re-pairing.
- **Connection drops frequently:** Ensure the mouse is within range of your device. Avoid interference from other wireless devices.

WARRANTY & SUPPORT

ProtoArc products come with a standard manufacturer's warranty. For detailed warranty information, product support, or technical assistance, please visit the official ProtoArc website or contact their customer service. Contact information can typically be found in the included user manual or on the product packaging.

Website: www.protoarc.com