ProtoArc EM03

ProtoArc Wireless Bluetooth Trackball Mouse EM03 User Manual

Model: EM03 | Brand: ProtoArc

PRODUCT OVERVIEW

The ProtoArc Wireless Bluetooth Trackball Mouse EM03 is an ergonomic RGB rollerball mouse designed for comfort and multi-device connectivity. It features an index finger control trackball, rechargeable battery, and adjustable DPI settings, making it suitable for various computing environments including iPad, Mac, and Windows systems.

Image: The ProtoArc EM03 Wireless Bluetooth Trackball Mouse, showcasing its ergonomic design and prominent blue trackball with RGB lighting.

WHAT'S IN THE BOX

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

SETUP

Charging the Mouse

The EM03 trackball mouse features a built-in 930mAh lithium battery. To charge, connect the supplied Type-C charging cable to the mouse's charging port and a power source. The mouse can be used while charging.

Image: The ProtoArc EM03 mouse connected to a laptop via a Type-C charging cable, illustrating its rechargeable feature.

Connectivity

2.4G Wireless Connection

For 2.4G wireless connection, simply plug the USB receiver into an available USB port on your computer. The mouse should automatically connect. Ensure the mouse is powered on and set to the 2.4G mode (indicated by a specific LED on the bottom).

Bluetooth Connection (Multi-Device)

The EM03 supports connecting to up to three devices simultaneously via Bluetooth. To pair, switch the mouse to one of the Bluetooth modes (BT1 or BT2) using the switch on the bottom. The corresponding LED will blink, indicating it's in pairing mode. On your device (e.g., iPad, Mac, Windows PC), go to Bluetooth settings and select "ProtoArc EM03" to connect.

ONE MOUSE FOR THREE DEVICES

Image: The ProtoArc EM03 mouse positioned between a laptop and a tablet, demonstrating its ability to connect to three devices simultaneously via Bluetooth and 2.4G wireless.

Image: The underside of the ProtoArc EM03 mouse, showing the power switch, connectivity mode selector (2.4G, BT1, BT2), and the USB receiver storage slot.

OPERATING INSTRUCTIONS

Index Finger Trackball Control

The EM03 features a 44mm trackball designed for index finger control. This allows you to move the cursor by rolling the trackball with your finger, reducing wrist and arm movement and potential strain. This design is particularly beneficial in confined spaces or for users seeking ergonomic comfort.

Image: A hand demonstrating the index finger control of the trackball, highlighting the ergonomic benefit of not needing to move the wrist.

Button Functions

- **Left Click:** Located where your thumb rests for easy access.
- **Right Click:** Positioned on the right side of the trackball.
- **Scroll Wheel:** A separate scroll wheel is provided for vertical scrolling, independent of trackball movement.
- **Extra Buttons:** Additional buttons are available for customizable functions, often used for forward/back navigation or gaming shortcuts.

DPI Adjustment

The mouse offers 5 adjustable DPI levels (200/400/800/1200/1600 DPI) for precise cursor sensitivity. To change the DPI, press and hold the scroll wheel and the right button simultaneously for 5 seconds. The cursor sensitivity will adjust

accordingly.

Image: An illustration showing how to adjust the DPI settings on the ProtoArc EM03 mouse by pressing the scroll wheel and right button simultaneously.

RGB Lighting Modes

The EM03 features 4 RGB lighting effects: Rainbow Streaming Light (Default), Rainbow Breathing Light, Neon, and Color Mixing Breathing Light. You can cycle through these modes using the dedicated light switch button. The RGB backlit can also be turned off to conserve battery power.

Image: Three different RGB lighting effects displayed around the trackball of the ProtoArc EM03 mouse, illustrating the customizable illumination.

MAINTENANCE

Cleaning the Trackball

To ensure smooth operation, periodically clean the trackball and its housing. The trackball can be easily removed by pushing it out from the bottom opening. Use a soft, lint-free cloth to wipe the trackball and the internal sensors. Reinsert the trackball once clean.

Image: A hand removing the trackball from the ProtoArc EM03 mouse, demonstrating the ease of access for cleaning.

Battery Care

To prolong battery life, remember to turn off the mouse when not in use for extended periods. A full charge can last approximately 1 month with the lights off. Avoid extreme temperatures and store the mouse in a dry environment.

TROUBLESHOOTING

- **Connectivity Issues:** Ensure the USB receiver is properly inserted or that Bluetooth is enabled and paired correctly. Try re-pairing the device.
- **Trackball Not Smooth/Sticking:** Remove the trackball and clean it along with the internal sensors as described in the Maintenance section.
- **Buttons Not Responding:** Check the battery level and recharge if necessary. Ensure the mouse is properly connected to your device.
- **Short Battery Life:** Turn off the RGB lighting when not needed, as it consumes more power. Ensure the mouse is fully charged before use.

SPECIFICATIONS

Product Dimensions	3.54 x 2.76 x 0.04 inches
Item Weight	4.2 ounces
Item Model Number	EM03
Batteries	1 Lithium Ion batteries required.
Manufacturer	ProtoArc
Connectivity Technology	Bluetooth, 2.4G wireless
Special Feature	Wireless, Quiet Click, Ergonomic Design, Rechargeable, LED Lights
Movement Detection Technology	Trackball

167mm

44mm

105mm

55mm

Weight: **193g**

DIMENSIONS

Image: Technical drawing of the ProtoArc EM03 mouse with key dimensions (167mm length, 105mm width, 55mm height) and weight (193g) indicated.

WARRANTY AND SUPPORT

ProtoArc offers a 2-year warranty on its electronics, which covers Amazon purchases. For support or warranty claims, please refer to the official ProtoArc website or contact their customer service.

An official User Manual (PDF) is available for download: Download User Manual (PDF)