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> [ProtoArc EM11 NL Ergonomic Vertical Mouse User Manual](#)

ProtoArc EM11 NL

ProtoArc EM11 NL Ergonomic Vertical Mouse User Manual

Model: EM11 NL

PRODUCT OVERVIEW

The ProtoArc EM11 NL is a rechargeable wireless vertical mouse designed for ergonomic comfort and multi-device connectivity. It supports both Bluetooth 5.0 and 2.4GHz USB-A connections, allowing seamless switching between up to three devices.

Key Features

- **Ergonomic Vertical Design:** Positions your hand in a natural handshake grip (58° angle) to reduce wrist and forearm strain.
- **Multi-Device Connectivity:** Connects to up to three devices simultaneously via dual Bluetooth 5.0 and one 2.4GHz USB-A receiver.
- **Rechargeable Battery:** Built-in 500mAh Li-Ion battery, rechargeable via the included Type-C cable.
- **Adjustable DPI:** Three DPI levels (1000/1600/2400) for precise tracking.
- **Quiet Clicking:** Silent left and right mouse buttons for a focused work environment.
- **Compatibility:** Windows 8 or higher, Mac OS X 10.12 or higher, and Android 4.3 or higher.

Package Contents

- 1 x ProtoArc Rechargeable Bluetooth Ergonomic Mouse
- 1 x 2.4G USB-A Receiver
- 1 x Type-C Charging Cable (for charging only)
- 1 x User Manual

Image: Contents of the ProtoArc EM11 NL package, including the mouse, USB-A receiver, Type-C charging cable, and user manual.

SETUP

1. Charging the Mouse

Before first use, or when the low-battery indicator lights up, connect the mouse to a power source using the provided Type-C charging cable. The Type-C cable is for charging only and does not transmit data.



Image: The ProtoArc EM11 NL mouse being charged via its Type-C port. The image highlights 100 hours of using time, 200 days of standby time, and 2 hours of charging time.

2. Connecting via 2.4GHz USB-A Receiver

1. Locate the 2.4G USB-A receiver, usually stored in a compartment on the underside of the mouse.
2. Plug the USB-A receiver into an available USB-A port on your computer.
3. Turn on the mouse using the power switch located on the bottom.
4. Switch the connection mode to 2.4G using the switch button on the bottom of the mouse. The 2.4G indicator light will illuminate.
5. Your computer should automatically detect the mouse.

3. Connecting via Bluetooth

The mouse supports two Bluetooth connections (BT1 and BT2).

1. Turn on the mouse using the power switch on the bottom.
2. Press the switch button on the bottom of the mouse to select either BT1 or BT2 mode. The corresponding Bluetooth indicator light will flash slowly.
3. To enter pairing mode, press and hold the switch button for 3-5 seconds until the selected Bluetooth indicator light flashes rapidly.
4. On your device (computer, laptop, tablet), go to Bluetooth settings and search for "ProtoArc EM11 NL".
5. Select the mouse to pair. Once connected, the indicator light will stop flashing.
6. Repeat these steps for a second Bluetooth device using the other Bluetooth channel (BT1 or BT2).



Image: The bottom of the ProtoArc EM11 NL mouse, illustrating the 2.4G USB-A receiver, power switch, and the switch button for selecting 2.4G, BT1, or BT2 connection modes.

Relax Your Upper Body Into Comfort

Less muscle strain in the arm,
More productivity features at your fingertips



Image: The ProtoArc EM11 NL mouse wirelessly connected to a desktop computer, a laptop, and a tablet, demonstrating its multi-device capability.

OPERATING INSTRUCTIONS

1. Switching Between Connected Devices

Once multiple devices are paired (via 2.4G, BT1, or BT2), you can switch between them by briefly pressing the switch button on the bottom of the mouse. The corresponding indicator light will confirm the active connection.

2. Adjusting DPI Sensitivity

The mouse has three adjustable DPI levels: 1000, 1600, and 2400. Press the DPI button, located behind

the scroll wheel, to cycle through these settings. Each press will change the sensitivity, allowing you to find your preferred cursor speed.

3. Using Forward/Backward Buttons

The mouse features forward and backward buttons on the side for convenient navigation in web browsers and file explorers. **Note:** These buttons are not compatible with Mac OS systems.

4. Ergonomic Hand Posture

For optimal comfort and to reduce strain, maintain a natural handshake grip on the mouse. Your palm should be perpendicular to the desk, and your fingers gently curved. Keep your wrist in a neutral, straight position, supported by the mouse's design.

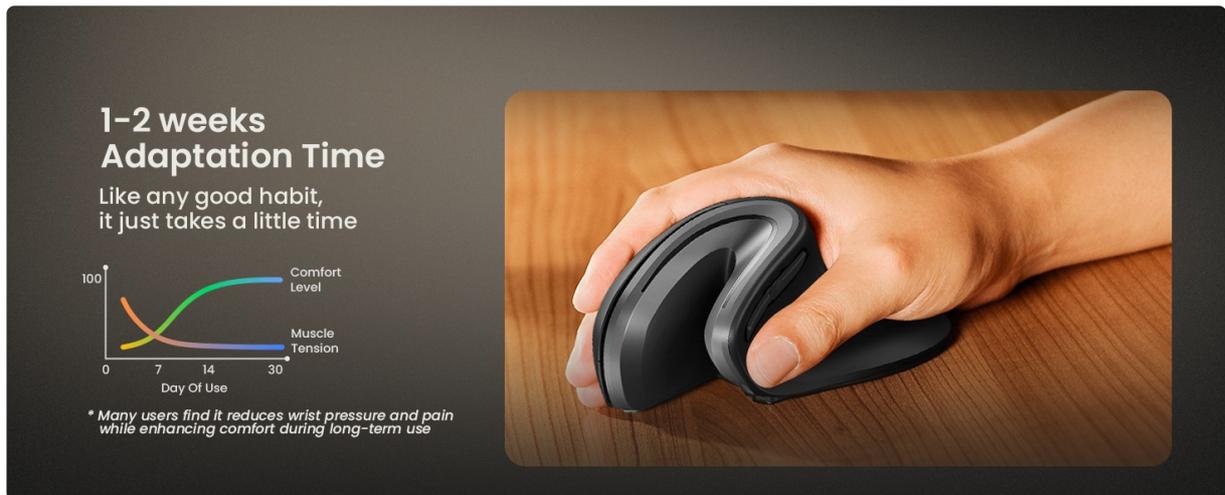


Image: A diagram showing the recommended handshake posture for using the ergonomic vertical mouse, emphasizing natural vertical hold, comfort grip, and neutral wrist position.

Multi-Device Connection

2.4G BT1 BT2



Image: A user's hand comfortably gripping the ProtoArc EM11 NL mouse, demonstrating the natural handshake posture that reduces wrist pressure and promotes a relaxed forearm.



Image: Detailed view of the ProtoArc EM11 NL mouse, highlighting the 3 adjustable DPI settings, the non-slip striped design, and the forward/backward navigation buttons.

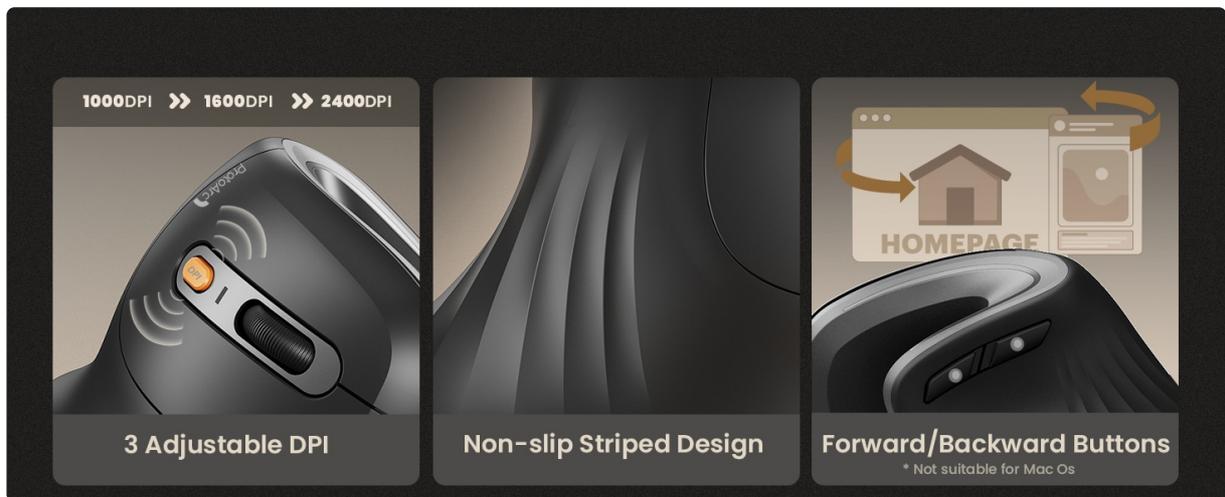


Image: A comprehensive diagram labeling all buttons and indicators on the ProtoArc EM11 NL mouse, including left/right buttons, scroll wheel, DPI button, forward/backward buttons, USB receiver, power switch, switch button, and various indicators.

MAINTENANCE

1. Charging

Charge the mouse when the low-battery indicator is active. A full charge takes approximately 2 hours and provides up to 100 hours of use or 200 days of standby time.

2. Cleaning

To clean the mouse, use a soft, dry cloth. Avoid using harsh chemicals or abrasive materials that could damage the surface. Ensure no liquids enter the mouse.

3. Battery Care

To prolong battery life, avoid fully discharging the mouse frequently. If storing the mouse for an extended period, charge it to about 50% before storage.

TROUBLESHOOTING

Mouse not connecting via 2.4G receiver:

Ensure the USB-A receiver is securely plugged into a working USB-A port. Check that the mouse is powered on and set to 2.4G mode. Try plugging the receiver into a different USB-A port.

Mouse not connecting via Bluetooth:

Verify the mouse is powered on and set to the correct Bluetooth channel (BT1 or BT2). Ensure the Bluetooth indicator is flashing rapidly, indicating pairing mode. Check your device's Bluetooth settings to ensure Bluetooth is enabled and the mouse is selected for pairing. If previously paired, try unpairing and re-pairing the device.

Cursor movement is erratic or unresponsive:

Check the battery level and charge the mouse if necessary. Ensure the mouse is on a clean, non-reflective surface. Adjust the DPI setting to see if it improves responsiveness.

Forward/Backward buttons not working on Mac OS:

This is expected behavior. The forward and backward buttons are not compatible with Mac OS systems.

Discomfort when first using the ergonomic mouse:

An adaptation period of 1-2 weeks is common for vertical ergonomic mice. Continue using the mouse to allow your hand and wrist to adjust to the new posture. If discomfort persists, discontinue use and consult a professional.

SPECIFICATIONS

Model Number	EM11 NL
Product Dimensions	5.91 x 5.91 x 0.04 inches
Item Weight	10.8 ounces
Batteries	1 Nonstandard Battery (included)
Connectivity Technology	2.4G USB-A Receiver, Bluetooth 5.0
Special Features	Ergonomic Design, Multi-Device, Rechargeable, Vertical Design, Wireless
Movement Detection	Optical
DPI Levels	1000/1600/2400
Manufacturer	ProtoArc

Ergonomic Vertical Mouse

Designed for a natural handshake grip
to reduce wrist & forearm stress

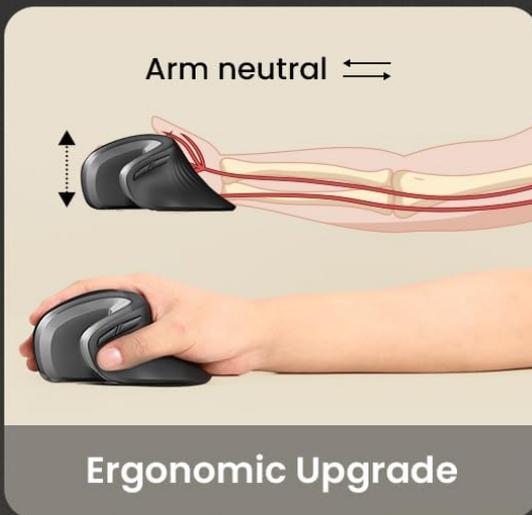


Image: A hand measurement guide indicating recommended hand sizes for the ProtoArc EM11 NL mouse. It suggests the mouse is ideal for small to medium hands (under 7.5 inches / 19.05 cm).

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official ProtoArc website or contact ProtoArc customer service directly. Details can typically be found on the product packaging or the manufacturer's website.

