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ProtoArc EK01 Plus, EM05 NL

ProtoArc EK01 Plus Keyboard & EM05 NL Mouse User Manual

Model: EK01 Plus (Keyboard), EM05 NL (Mouse)

INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your ProtoArc EK01 Plus Backlit Wireless Ergonomic Keyboard and EM05 NL Ergonomic Bluetooth Trackball Mouse. Please read this manual thoroughly before using the devices to ensure optimal performance and longevity.

PACKAGE CONTENTS

- ProtoArc EK01 Plus Ergonomic Keyboard
- ProtoArc EM05 NL Ergonomic Trackball Mouse
- USB-C Charging Cable (for Keyboard)
- USB-C Charging Cable (for Mouse)
- 2.4G USB Receiver
- User Manual

PRODUCT OVERVIEW

ProtoArc EK01 Plus Ergonomic Keyboard Features

- **Ergonomic Curved Split Design:** Reduces wrist and forearm strain, promoting natural typing posture.
- **Adjustable Backlighting:** Soft white LED backlight with three brightness levels (low, mid, high) and off mode.
- **Cushioned Wrist Rest:** Integrated wrist rest provides support and reduces fatigue.
- **Adjustable Tilt Feet:** Allows for three different typing angles for personalized comfort.
- **Connectivity:** Supports Bluetooth and 2.4G USB receiver connections.
- **Rechargeable:** USB-C rechargeable with long standby time.

Ergonomic Curved Split Design

Split layout design for more natural typing posture



Image: The ProtoArc EK01 Plus ergonomic keyboard and EM05 NL trackball mouse set up on a desk, showcasing their ergonomic design.

Leather Cushioned Palm Rest

Provide ultimate comfort for
your wrist and palm



Image: A detailed view of the keyboard's leather cushioned palm rest, highlighting its soft synthetic leather, high-density support layer, and memory foam layer for comfort.

Adjustable Tilt Legs

Keep your wrists in comfortable
whether seated or standing



Image: Side profile of the keyboard demonstrating the adjustable tilt legs, allowing users to set a comfortable typing angle.

ProtoArc EM05 NL Ergonomic Trackball Mouse Features

- **Ergonomic Design:** Adjustable angle from 0 to 20 degrees for a natural hand position.
- **Triple Connection Modes:** Bluetooth (2 channels) and 2.4G USB receiver, allowing connection to three devices simultaneously.
- **Rechargeable:** USB-C rechargeable.

- **Compatibility:** Compatible with Windows, Android, Mac OS, PC, Laptop, Desktop.

New Angle, More Natural



0°
ANGLE



20°
ANGLE

Image: The EM05 NL trackball mouse illustrating its adjustable tilt mechanism, allowing for a 0-degree or 20-degree angle for ergonomic comfort.

Ergonomic Design for All Day Comfort



Image: A hand resting on the EM05 NL trackball mouse, demonstrating its ergonomic shape designed for all-day comfort.

Type-C Rechargeable



300+DAYS
Standby Time



1-3.5 HOURS
Full Charged



Image: The EM05 NL trackball mouse being charged via a USB-C cable, indicating its rechargeable battery and long standby time.

SETUP INSTRUCTIONS

Charging the Devices

Before first use, ensure both the keyboard and mouse are fully charged. Connect the provided USB-C charging cables to the respective charging ports on each device and to a USB power source (e.g., computer USB port, wall adapter). The

charging indicator will show charging status and turn off when fully charged.

- **Keyboard:** Charging port is typically located on the top edge.
- **Mouse:** Charging port is typically located on the front edge.

Connecting the Keyboard (EK01 Plus)

The EK01 Plus keyboard supports both 2.4G wireless and Bluetooth connections.

2.4G Wireless Connection:

1. Locate the 2.4G USB receiver, usually stored in a compartment on the keyboard or mouse.
2. Plug the USB receiver into an available USB port on your computer.
3. Turn on the keyboard using the power switch (usually on the back or side).
4. The keyboard should automatically connect. If not, press the 2.4G connection key (often labeled with a 2.4G icon or '1') to activate pairing mode.

Bluetooth Connection:

1. Turn on the keyboard.
2. Press and hold one of the Bluetooth channel keys (e.g., **BT1**, **BT2**, **BT3**) for 3-5 seconds until the indicator light flashes, indicating pairing mode.
3. On your device (computer, tablet, smartphone), go to Bluetooth settings and search for new devices.
4. Select "ProtoArc EK01 Plus" from the list of available devices to connect.
5. Repeat for other Bluetooth channels to connect to additional devices.

Connecting the Mouse (EM05 NL)

The EM05 NL mouse supports both 2.4G wireless and Bluetooth connections (two channels).

2.4G Wireless Connection:

1. Ensure the 2.4G USB receiver is plugged into your computer.
2. Turn on the mouse using the power switch (usually on the bottom).
3. Press the mode switch button (often on the bottom or top) to select the 2.4G mode (indicated by a specific LED color or icon).
4. The mouse should connect automatically.

Bluetooth Connection:

1. Turn on the mouse.
2. Press the mode switch button to select a Bluetooth channel (e.g., **BT1** or **BT2**). The indicator light for the selected channel will flash.
3. Press and hold the mode switch button for 3-5 seconds until the Bluetooth indicator light flashes rapidly, indicating pairing mode.
4. On your device, go to Bluetooth settings and search for new devices.
5. Select "ProtoArc EM05 NL" from the list to connect.
6. Repeat for the second Bluetooth channel to connect to another device.



Image: The EM05 NL trackball mouse and a laptop wirelessly connected to multiple devices, including a monitor and a tablet, demonstrating multi-device connectivity.

OPERATING INSTRUCTIONS

Keyboard Operation (EK01 Plus)

Adjusting Backlight:

The keyboard features adjustable white backlighting. Use the dedicated backlight control keys (often labeled with a light bulb icon or similar) to cycle through brightness levels: Low, Mid, High, and Off.

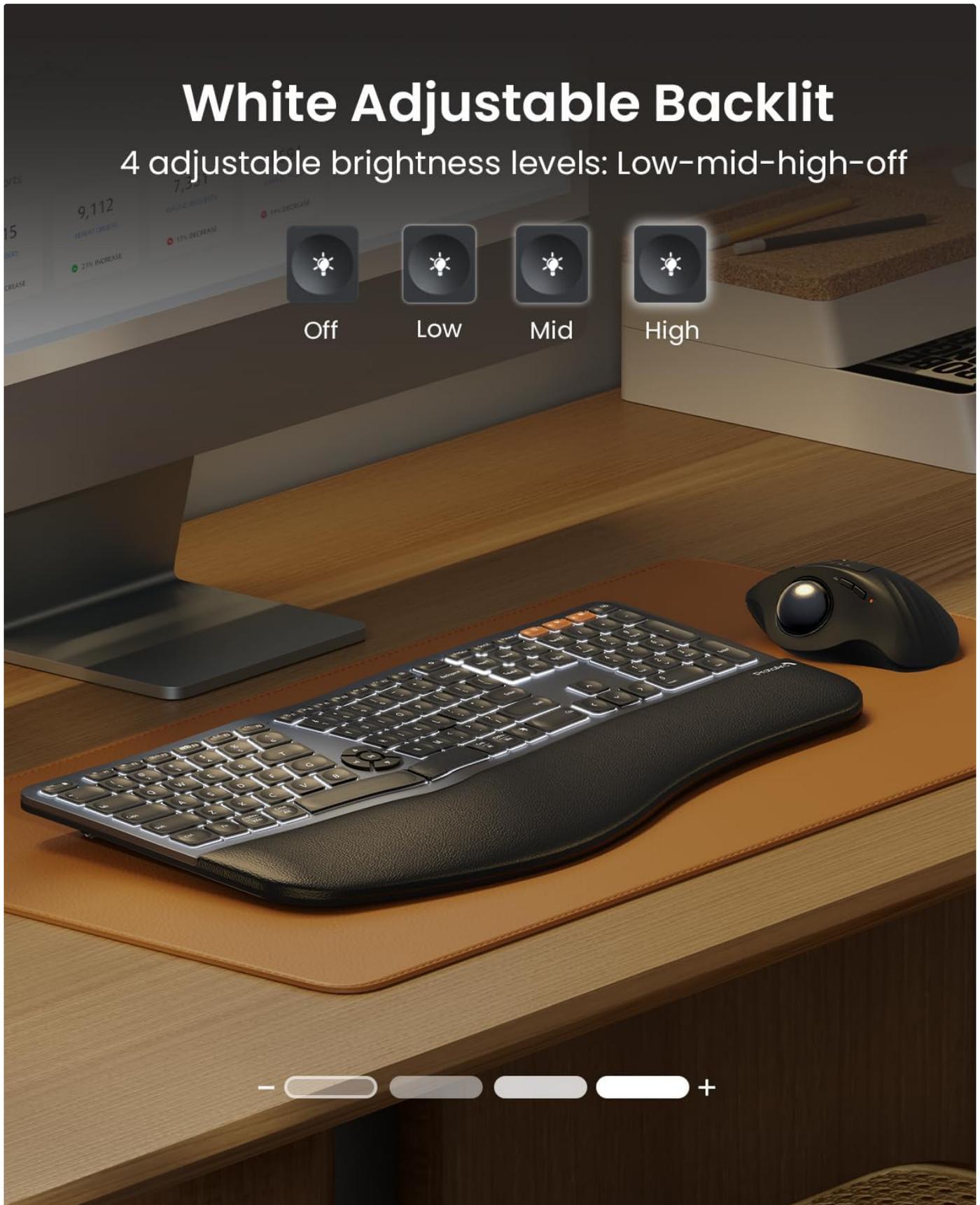


Image: The EK01 Plus keyboard displaying its adjustable white backlight, with options for Off, Low, Mid, and High brightness levels.

Switching Devices:

To switch between connected devices, simply press the corresponding connection key **2.4G**, **BT1**, **BT2**, or **BT3**) once. The keyboard will switch to the selected device.

Adjusting Tilt Angle:

Utilize the adjustable tilt feet located on the underside of the keyboard to set your preferred typing angle for ergonomic comfort.

Mouse Operation (EM05 NL)

Adjusting Angle:

The EM05 NL mouse features an adjustable hinge that allows you to customize the trackball angle from 0 to 20 degrees. Adjust the angle to find the most natural and comfortable hand position for extended use.

Switching Devices:

Press the mode switch button on the mouse to cycle between 2.4G mode, Bluetooth 1 (BT1), and Bluetooth 2 (BT2). The corresponding indicator light will illuminate to show the active connection.

Trackball Usage:

Use your thumb to control the trackball for cursor movement. The scroll wheel and other buttons function as standard mouse controls.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the surfaces of the keyboard and mouse. For stubborn dirt, a slightly damp cloth can be used, but ensure no moisture enters the device.
- **Trackball Cleaning:** Periodically remove the trackball (refer to product specific instructions if available, usually by pushing it out from the bottom) and clean the ball and the internal sensors with a lint-free cloth.
- **Battery Care:** To prolong battery life, avoid fully discharging the devices frequently. Charge them when the low battery indicator appears. Store in a cool, dry place if not used for extended periods.
- **Storage:** When not in use, store the devices in a clean, dry environment away from extreme temperatures and direct sunlight.

TROUBLESHOOTING

Keyboard (EK01 Plus)

- **Keyboard not responding:**
 - Ensure the keyboard is powered on.
 - Check battery level and charge if necessary.
 - For 2.4G connection, ensure the USB receiver is securely plugged in and the keyboard is in 2.4G mode.
 - For Bluetooth, ensure Bluetooth is enabled on your device, the keyboard is in the correct BT channel, and it's paired. Try re-pairing if necessary.
 - Try connecting to a different USB port or device to rule out port/device issues.
- **Backlight not working:**
 - Ensure the keyboard is powered on.
 - Press the backlight control key to cycle through brightness levels.
 - Check battery level; low battery might disable backlighting.

Mouse (EM05 NL)

- **Mouse cursor not moving:**

- Ensure the mouse is powered on.
- Check battery level and charge if necessary.
- Clean the trackball and the internal sensors.
- For 2.4G connection, ensure the USB receiver is securely plugged in and the mouse is in 2.4G mode.
- For Bluetooth, ensure Bluetooth is enabled on your device, the mouse is in the correct BT channel, and it's paired. Try re-pairing if necessary.

- **Buttons not responding:**

- Check battery level.
- Ensure the mouse is properly connected to your device.

SPECIFICATIONS

General

- **Brand:** ProtoArc
- **Color:** Gray
- **Connectivity Technology:** Bluetooth, USB (2.4G Wireless)
- **Compatible Devices:** Laptop, Personal Computer, Smartphone, Tablet

ProtoArc EK01 Plus Keyboard

- **Keyboard Description:** Full-Size, Split Ergonomic
- **Backlight:** White LED, 3 adjustable brightness levels
- **Wrist Rest:** Cushioned, integrated
- **Tilt:** Adjustable tilt feet
- **Rechargeable:** USB-C

ProtoArc EM05 NL Trackball Mouse

- **Ergonomic Angle:** Adjustable from 0 to 20 degrees
- **Connection Modes:** 2.4G Wireless, Bluetooth (2 channels)
- **Rechargeable:** USB-C

WARRANTY AND SUPPORT

ProtoArc products typically come with a limited warranty. Please refer to the warranty card included in your package or visit the official ProtoArc website for detailed warranty information and support contacts. For technical assistance or customer service, please contact ProtoArc support.

OFFICIAL PRODUCT VIDEOS

Below are official instructional videos to assist with the setup and operation of your ProtoArc devices.

Your browser does not support the video tag.

Video: An overview of the ProtoArc ergonomic keyboard and mouse, demonstrating key features and benefits. (Duration: 1:54)

Your browser does not support the video tag.

Video: Detailed guide on setting up the ProtoArc ergonomic keyboard, including connection methods and backlight adjustments. (Duration: 4:22)

Your browser does not support the video tag.

Video: Comprehensive instructions for the ProtoArc trackball mouse, covering ergonomic adjustments, multi-device pairing, and basic operation. (Duration: 6:17)



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