

ProtoArc EKM04 Mini

ProtoArc EKM04 Mini Compact Wireless Ergonomic Keyboard and Mouse Combo User Manual

Model: EKM04 Mini | Brand: ProtoArc

INTRODUCTION

Thank you for choosing the ProtoArc EKM04 Mini Compact Wireless Ergonomic Keyboard and Mouse Combo. This manual provides comprehensive instructions to help you set up, operate, maintain, and troubleshoot your new device, ensuring optimal comfort and productivity. This combo is designed with a split keyboard and contoured mouse to promote a more natural posture and reduce strain during extended use.



Figure 1: The ProtoArc EKM04 Mini Ergonomic Keyboard and Mouse Combo, showcasing its split design and accompanying ergonomic mouse.

PACKAGE CONTENTS

Please verify that all items are present in your package:

- ProtoArc EKM04 Mini Ergonomic Keyboard
- ProtoArc Ergonomic Mouse

- 2.4G USB Receiver (typically stored inside the mouse battery compartment)
- USB-C Charging Cable
- User Manual (this document)

SETUP

1. Charging the Devices

Both the keyboard and mouse are equipped with built-in rechargeable batteries. Before initial use, it is recommended to fully charge both devices.

- Connect the provided USB-C charging cable to the charging port on the keyboard and mouse, and then to a USB power source (e.g., computer USB port, USB wall adapter).
- A full charge typically takes approximately 2 hours.
- Once fully charged, the devices offer an impressive standby time of up to 250 hours.

Type-C Charging

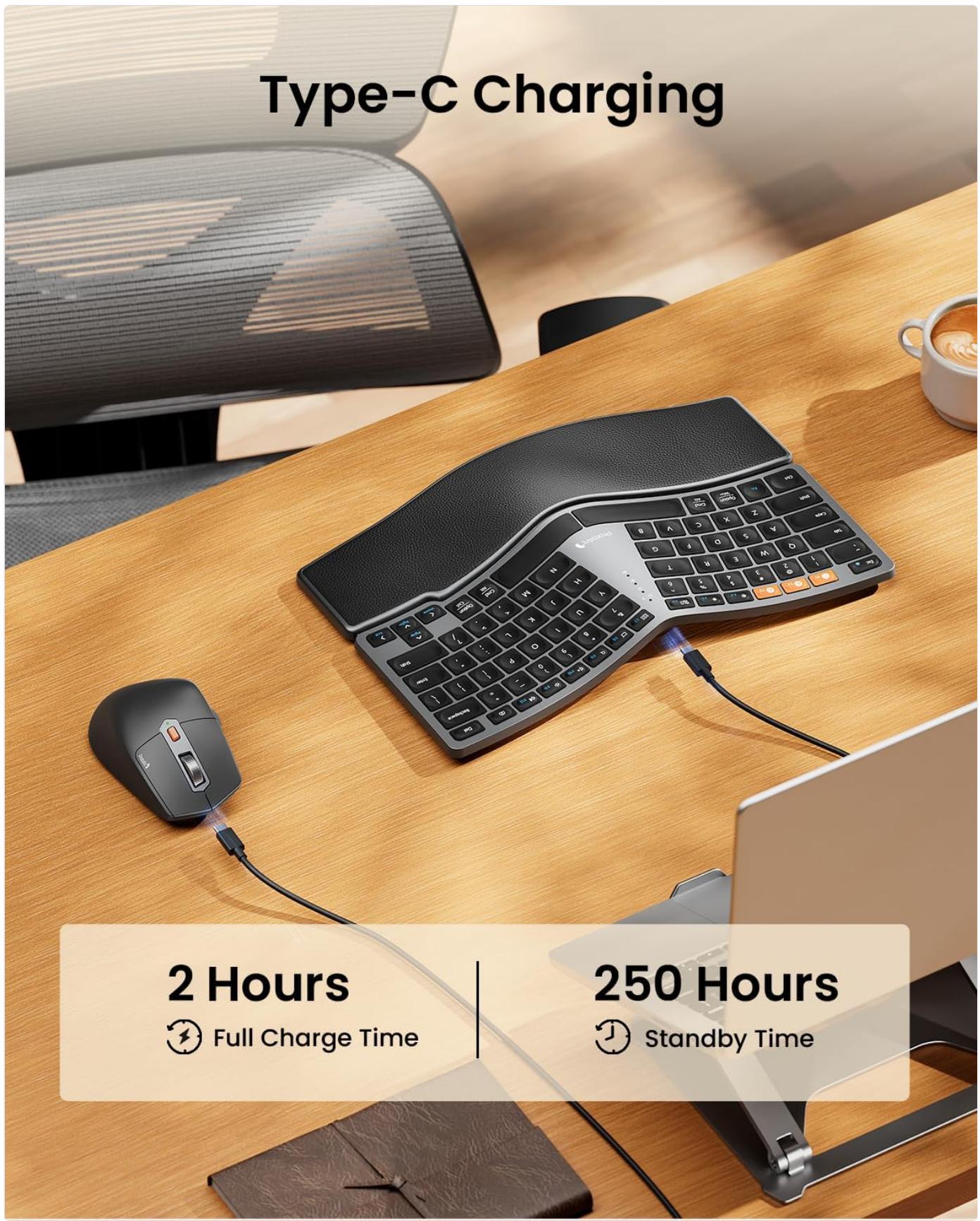


Figure 2: The keyboard and mouse connected to USB-C charging cables, illustrating the charging process and battery life indicators.

2. Connectivity Options

The ProtoArc EKM04 Mini offers versatile connectivity via a 2.4G USB receiver or Bluetooth, allowing seamless switching between up to 3 devices.

2.1. 2.4G Wireless Connection

1. Locate the 2.4G USB receiver, usually stored in a compartment on the underside of the mouse.

2. Plug the USB receiver into an available USB-A port on your computer.
3. Turn on the keyboard and mouse. They should automatically connect to the receiver.

2.2. Bluetooth Connection

The combo supports Bluetooth connectivity for up to two additional devices (BT1 and BT2).

1. Ensure Bluetooth is enabled on your device (computer, tablet, smartphone).
2. On the keyboard, press and hold the **BT1** or **BT2** button for 3-5 seconds until the corresponding indicator light flashes rapidly, indicating pairing mode.
3. On your device, search for Bluetooth devices and select "ProtoArc EKM04" or a similar name from the list.
4. Once connected, the indicator light will stop flashing.
5. Repeat for the mouse: Press and hold the Bluetooth pairing button on the mouse (usually on the underside) until its indicator light flashes, then pair it with your device.

3. Compatibility

The ProtoArc EKM04 Mini is compatible with a wide range of operating systems:

- Windows 7/8/10 and later
- Mac OS X 10.12 and later
- Android 4.3 and later

Multi-Device Workflow

Switch up to 3 devices



Figure 3: The multi-device workflow, demonstrating the ability to connect the keyboard and mouse to a laptop, tablet, and desktop monitor simultaneously.

OPERATING INSTRUCTIONS

1. Keyboard Features

- **Compact 80-Key Layout:** The keyboard features a compact design without a 10-key number pad, allowing for a smaller

footprint and closer mouse positioning for improved ergonomics.

- **Curved and Split Keyframe:** The ergonomic split design helps maintain a natural hand and wrist posture, reducing strain.
- **Hard Palm Rest:** An integrated, non-removable hard wrist rest with a leather surface provides consistent wrist support and durability.
- **Adjustable Tilt Legs:** Two adjustable tilt legs are located on the front underside of the keyboard. These legs allow you to elevate the front edge of the keyboard, promoting a more comfortable typing angle and keeping your wrists in a relaxed posture, especially when standing.

All-Day Palm Support

Leather palm rest supports your wrists



Figure 4: A close-up view of the integrated leather palm rest, designed to support wrists during typing.

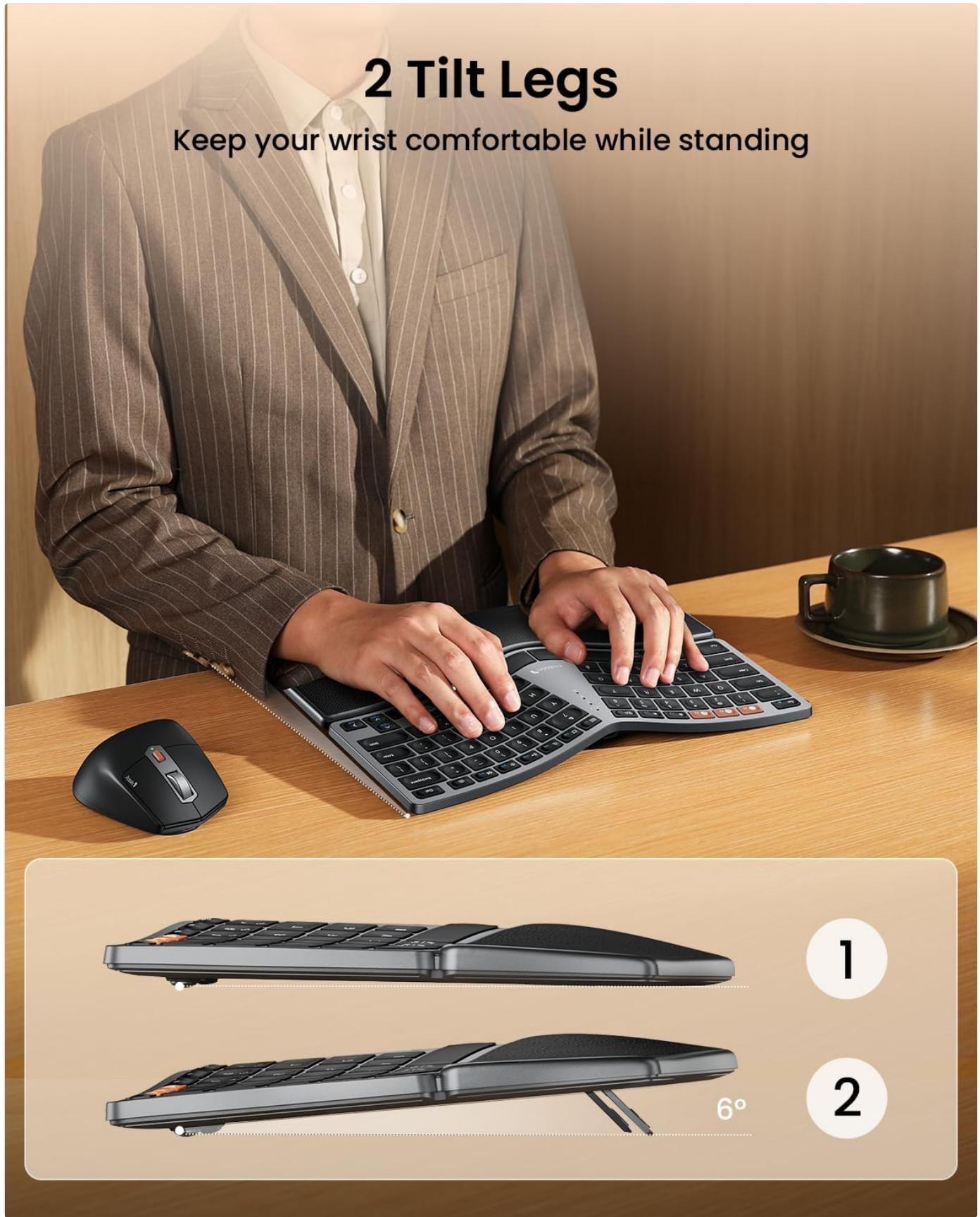


Figure 5: A diagram illustrating the two adjustable tilt legs on the keyboard, which can be extended to provide a 6-degree incline for improved wrist comfort.

2. Mouse Features

- **Contoured Ergonomic Design:** The mouse is shaped to fit the natural curve of your hand, reducing pressure on the wrist and promoting comfort.

- **Thumb Rest:** An integrated thumb rest further enhances comfort and reduces strain.
- **Adjustable DPI:** Cycle through 3 DPI levels (800/1300/2000 DPI) to adjust cursor sensitivity for precise tracking, suitable for various tasks from general browsing to detailed work.



Figure 6: A detailed view of the ergonomic mouse, highlighting its sculpted design and comfortable thumb rest.

3. Switching Between Devices

To switch between connected devices:

- **Keyboard:** Press the **2.4G**, **BT1**, or **BT2** button on the keyboard to instantly switch to the corresponding connected device.
- **Mouse:** Press the dedicated device switch button on the underside of the mouse to cycle through the connected devices (2.4G, BT1, BT2).

4. Power Saving Mode

To conserve battery life, both the keyboard and mouse feature an auto-sleep mode. After 30 minutes of inactivity, the devices will enter sleep mode. To wake them up, simply press any key on the keyboard or move/click the mouse.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your ProtoArc EKM04 Mini combo.

1. Cleaning

- Use a soft, lint-free cloth slightly dampened with water or a mild cleaning solution to wipe down the surfaces of the keyboard and mouse.
- Avoid using harsh chemicals, abrasive cleaners, or solvents, as these can damage the finish.
- For cleaning between keys, use compressed air to remove dust and debris.

2. Battery Care

- Avoid exposing the devices to extreme temperatures (hot or cold) as this can affect battery life and performance.
- If storing the devices for an extended period, ensure they are partially charged (around 50%) to preserve battery health.
- Use only the provided USB-C cable or a certified equivalent for charging.

TROUBLESHOOTING

If you encounter issues with your ProtoArc EKM04 Mini, please refer to the following common solutions:

Problem	Possible Cause	Solution
Keyboard/Mouse not responding	Low battery; Not connected; Incorrect device selected; USB receiver issue.	Charge devices; Ensure power switch is ON; Press correct 2.4G/BT button; Re-insert USB receiver; Try a different USB port.
Bluetooth pairing fails	Device not in pairing mode; Bluetooth disabled on host device; Interference.	Ensure keyboard/mouse is in pairing mode (flashing light); Enable Bluetooth on host device; Move closer to host device; Remove other Bluetooth devices.
Lag or intermittent connection	Interference; Distance from receiver/host; Low battery.	Reduce distance; Remove obstacles; Charge devices; Avoid using near strong wireless signals.
Mouse cursor erratic or not moving smoothly	Dirty sensor; Unsuitable surface; Incorrect DPI setting.	Clean optical sensor; Use on a smooth, non-reflective surface; Adjust DPI setting using the DPI button.
Keyboard keys not typing correctly	Incorrect operating system mode; Physical obstruction.	Ensure correct OS mode is selected (if applicable); Check for debris under keys.

SPECIFICATIONS

Detailed specifications for the ProtoArc EKM04 Mini Combo:

- **Model:** EKM04 Mini
- **Brand:** ProtoArc
- **Color:** Gray
- **Connectivity Technology:** Bluetooth, 2.4G USB
- **Special Features:** Ergonomic, Hard Wrist Rest, Rechargeable, Split Design
- **Compatible Devices:** Laptop, Personal Computer, Tablet
- **Keyboard Dimensions:** 13.1 inches (length) x 8.9 inches (width) / 33.3 cm x 22.7 cm
- **Mouse Dimensions:** 4.7 inches (length) x 3.2 inches (width) / 12 cm x 8.3 cm
- **Item Weight:** Approximately 2.94 pounds (combined)
- **Battery Type:** Built-in Rechargeable
- **Full Charge Time:** Approx. 2 hours
- **Standby Time:** Up to 250 hours
- **Mouse DPI Levels:** 800 / 1300 / 2000 DPI



Figure 7: Visual representation of the keyboard and mouse dimensions, and the adjustable DPI settings for the mouse.

WARRANTY AND SUPPORT

ProtoArc products are manufactured with quality and reliability in mind. For specific warranty information regarding your EKM0 Mini, please refer to the warranty card included in your product packaging or visit the official ProtoArc website.

If you encounter any issues not covered in the troubleshooting section or require further assistance, please contact ProtoArc customer support through their official channels. Contact information can typically be found on the ProtoArc website or on the

product packaging.

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Documents - ProtoArc – EKM04 Mini

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User manual for the ProtoArc EKM04 Mini Ergonomic Keyboard and Mouse Combo, detailing setup, connectivity (2.4G USB and Bluetooth), charging, features, product parameters, and safety warnings.

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