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› ProtoArc Backlit Bluetooth Ergonomic Keyboard EK01 Plus Instruction Manual

ProtoArc EK01 Plus

ProtoArc EK01 Plus Ergonomic Keyboard Instruction Manual

MODEL: EK01 PLUS

1. Introduction

Thank you for choosing the ProtoArc EK01 Plus Backlit Bluetooth Ergonomic Keyboard. This manual provides detailed instructions on how to set up, operate, and maintain your new keyboard, ensuring optimal comfort and productivity. Designed with your well-being in mind, this full-size wireless split keyboard aims to reduce strain and enhance your typing experience.



Figure 1: ProtoArc EK01 Plus Ergonomic Keyboard

2. Product Overview

The ProtoArc EK01 Plus keyboard is engineered for comfort and efficiency, featuring a unique design and advanced functionalities.

2.1 Full-Size Ergonomic Design

This keyboard features a curved, split-keyframe design that promotes a more natural typing posture, reducing muscle strain on your wrists and forearms. The scooped keys are crafted to fit your fingertips perfectly, making typing effortless and natural.

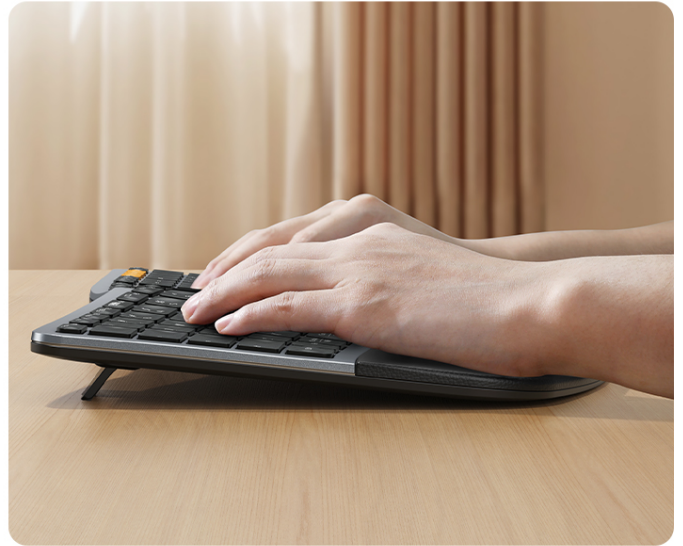


Figure 2: Ergonomic Curved Split Design for natural typing posture.

2.2 Adjustable Backlighting

The keyboard features soft white LED backlighting with three adjustable brightness levels (low, mid, high) and an off setting. This allows you to set the suitable brightness to reduce eye strain and stay productive in various lighting conditions.

White Adjustable Backlit

4 adjustable brightness levels: Low-mid-high-off



Off



Low



Mid



High



Figure 3: Four adjustable brightness levels for the white LED backlight.

2.3 Cushioned Wrist Rest & Adjustable Tilt Feet

Experience enhanced comfort with the curved wrist rest, providing significant support to reduce wrist fatigue. Additionally, four adjustable tilt feet allow you to choose from three different angles, keeping your wrists relaxed whether you're sitting or standing.



Figure 4: Internal layers of the cushioned wrist rest for ultimate comfort.



Figure 5: Adjustable tilt legs provide multiple typing angles.

2.4 Multi-Device Connectivity

This wireless keyboard offers seamless connectivity with up to three devices simultaneously via Bluetooth and 2.4G USB. A simple key press allows you to switch between your laptop, tablet, and computer effortlessly.

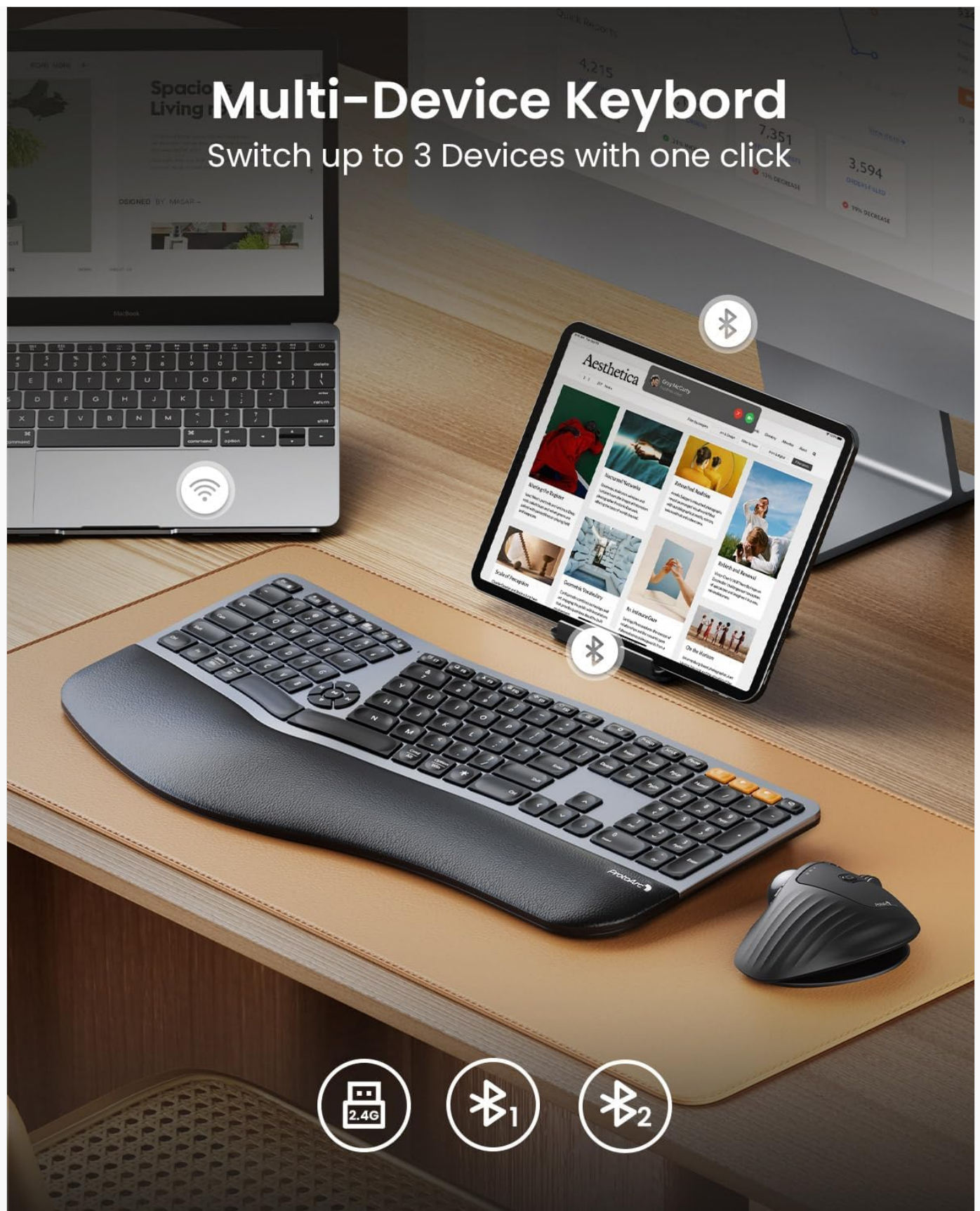


Figure 6: Seamless switching between up to three devices.

2.5 Official Product Video

Your browser does not support the video tag.

Video 1: Official ProtoArc overview of the Backlit Full Size Wireless Ergonomic Keyboard, highlighting its features and design.

3. Setup Instructions

3.1 What's in the Box

- 1 x ProtoArc Backlit Wireless Ergonomic Keyboard
- 1 x 2.4G USB Receiver
- 1 x Type-C Charging Cable
- 1 x User Manual

3.2 Connecting Your Keyboard

The EK01 Plus offers both 2.4G USB and Bluetooth connectivity.

1. 2.4G USB Connection:

- Locate the 2.4G USB receiver (dongle) stored in the underside of the keyboard.
- Plug the USB receiver into an available USB port on your computer.
- Turn on the keyboard using the power switch located on the back. The keyboard should automatically connect.

2. Bluetooth Connection (BT1/BT2):

- Turn on the keyboard using the power switch.
- Press and hold either the **BT1** or **BT2** button (orange keys on the top right) for 3-5 seconds until the corresponding indicator light blinks rapidly. This indicates pairing mode.
- On your device (Windows, Mac, Android), go to Bluetooth settings and search for "EK01 Plus".
- Select "EK01 Plus" to pair. The indicator light will stop blinking and remain solid once connected.
- Repeat for a second Bluetooth device using the other Bluetooth channel (**BT1** or **BT2**).

4. Operating Instructions

4.1 Adjusting Backlight

Press the backlight key (usually marked with a sun icon or similar) to cycle through low, mid, high brightness levels, and off.

4.2 Switching Between Devices

Once paired with multiple devices, simply press the corresponding connection button **2.4G**, **BT1**, or **BT2** to switch between them.

4.3 Multimedia Function Keys

By default, F1-F12 keys function as multimedia keys. To switch to traditional F1-F12 functions, press **Esc + Fn**. The keyboard also features dedicated multimedia controls in the center for easy access to play/pause, volume, and track skipping.

Leather Cushioned Palm Rest

Provide ultimate comfort for
your wrist and palm



Figure 7: Multimedia function buttons and their default actions.

5. Maintenance

5.1 Charging the Keyboard

The keyboard is equipped with a 2000mAh rechargeable battery. Use the provided Type-C charging cable to charge it. For optimal performance, charge the keyboard using a computer's USB port or a DC 5V 1A charger. Avoid using fast chargers or high-power adapters, as they may affect the keyboard's performance. A full charge typically takes 2 to 3 hours.

USB-C Quick Charging

Say goodbye to battery replacements
with rechargeable design



200 Days
Standby Time

2-3 Hours
Full Charged

ProtoArc

Figure 8: USB-C charging port for quick and convenient charging.

5.2 Power Saving Mode

The keyboard backlight adjusts based on inactivity periods to conserve power:

- After 1 minute of inactivity: Backlight turns off (press any key to wake).
- After 60 minutes of inactivity: Enters deep sleep mode with backlight disabled (press any key to wake the keyboard within 3 seconds, then manually turn on the backlight).

5.3 Cleaning

To clean your keyboard, gently wipe the surfaces with a soft, damp cloth. Avoid using harsh chemicals or abrasive materials. Ensure the keyboard is powered off before cleaning.

6. Troubleshooting

- **Keyboard not connecting:** Ensure the keyboard is powered on. For 2.4G, check if the USB receiver is properly plugged in. For Bluetooth, ensure the keyboard is in pairing mode (blinking indicator) and your device's Bluetooth is enabled. Try restarting both the keyboard and your device.
- **Backlight not working:** Check the battery level. If the keyboard is in deep sleep mode, press any key to wake it, then manually turn on the backlight.
- **Keys not responding:** Ensure the keyboard is fully charged and properly connected. Try reconnecting the keyboard.
- **Lag or delayed input:** Ensure the keyboard is within the effective operating distance (up to 26 ft). Reduce interference from other wireless devices.

7. Specifications

Feature	Detail
Brand	ProtoArc
Model	EK01 Plus
Connectivity Technology	Bluetooth, USB (2.4G Receiver)
Compatible Devices	Laptop, PC, Tablet (Windows 8/10+, Mac OS X 10.12+, Android 4.3+)
Keyboard Description	Ergonomic Design, Full Size Layout, Backlit, Numeric Keypad
Special Feature	Ergonomic, Full Size, Backlit, Wrist Rest, Rechargeable
Color	Grey
Number of Keys	117
Battery Capacity	2000mAh
Item Weight	3.64 pounds
Package Dimensions	20.6 x 11 x 1.5 inches

8. Warranty & Support

ProtoArc offers a 2-year Premium Warranty for this product. For any support inquiries, troubleshooting assistance, or warranty claims, please refer to the contact information provided in the included User Manual or visit the official ProtoArc website. Please retain your Amazon order details for warranty purposes.

For additional resources and product information, you may visit the [ProtoArc Store on Amazon](#).

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question