

ProtoArc EK01 Plus

ProtoArc EK01 Plus Backlit Bluetooth Ergonomic Keyboard User Manual

Model: EK01 Plus | Brand: ProtoArc

INTRODUCTION

This manual provides comprehensive instructions for the ProtoArc EK01 Plus Backlit Bluetooth Ergonomic Keyboard. It covers the keyboard's ergonomic design, connectivity options, backlighting features, and detailed steps on how to set up, operate, and maintain your keyboard for optimal comfort and productivity. Please read this manual thoroughly before using your new keyboard.

PACKAGE CONTENTS

Ensure all items are present in the package:

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

ERGONOMIC DESIGN & COMFORT

The ProtoArc EK01 Plus keyboard is engineered for comfort and to reduce strain during extended use. Its unique curved split-frame design promotes a more natural typing posture, aligning your wrists and forearms to minimize muscle fatigue.

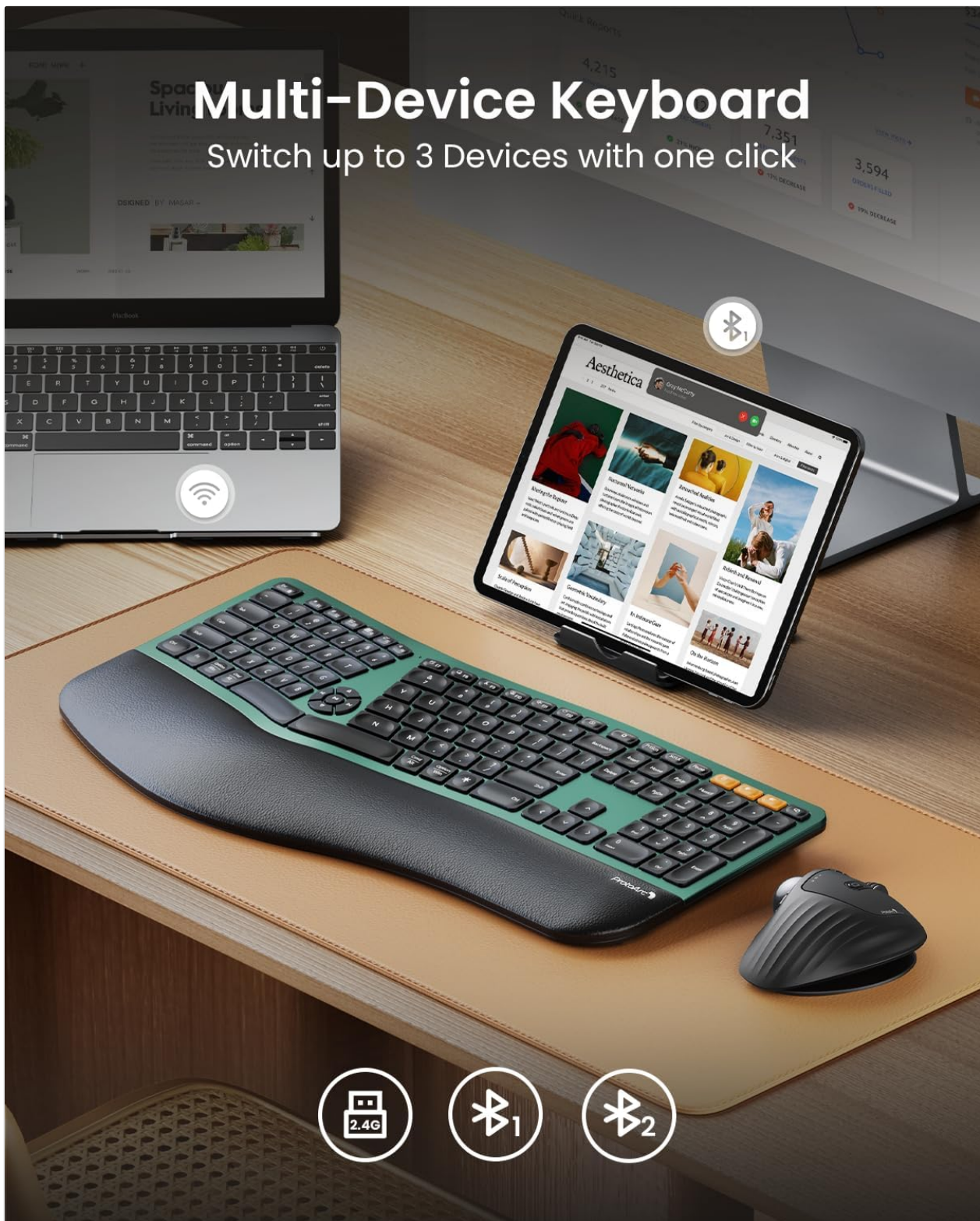


Image: The ergonomic curved split design of the ProtoArc EK01 Plus keyboard, illustrating how it promotes a natural typing posture.

Cushioned Wrist Rest

The integrated cushioned wrist rest provides substantial support, reducing wrist fatigue and enhancing typing comfort. It features a soft synthetic leather surface over a high-density support layer and memory foam for ultimate palm comfort.

Leather Cushioned Palm Rest

Provide ultimate comfort for
your wrist and palm



Image: A detailed view of the leather cushioned palm rest, showing its layered construction for enhanced comfort.

Adjustable Tilt Feet

Customize your typing angle with the four adjustable tilt feet located on the underside of the keyboard. These feet allow you to set the keyboard to three different angles, ensuring your wrists remain relaxed whether you are sitting or standing.

USB-C Quick Charging

Say goodbye to battery replacements
with rechargeable design



 **200 Days**
Standby Time


 **2-3 Hours**
Full Charged

Image: The adjustable tilt legs of the ProtoArc EK01 Plus keyboard, demonstrating how they can be used to modify the keyboard's angle for ergonomic benefit.

CONNECTIVITY

The ProtoArc EK01 Plus keyboard offers versatile connectivity options, supporting both Bluetooth and 2.4G USB connections. It can seamlessly pair with up to three devices simultaneously, allowing for quick switching between your laptop, tablet, and computer with a simple key press.

Ergonomic Curved Split Design

Split layout design for more natural typing posture



Image: The ProtoArc EK01 Plus keyboard demonstrating its multi-device connectivity, showing it connected to a laptop and a tablet.

BACKLIGHTING

The keyboard features soft white LED backlighting with three adjustable brightness levels: low, mid, and high. This allows you to optimize visibility and reduce eye strain in various lighting conditions, from dimly lit rooms to bright office environments.

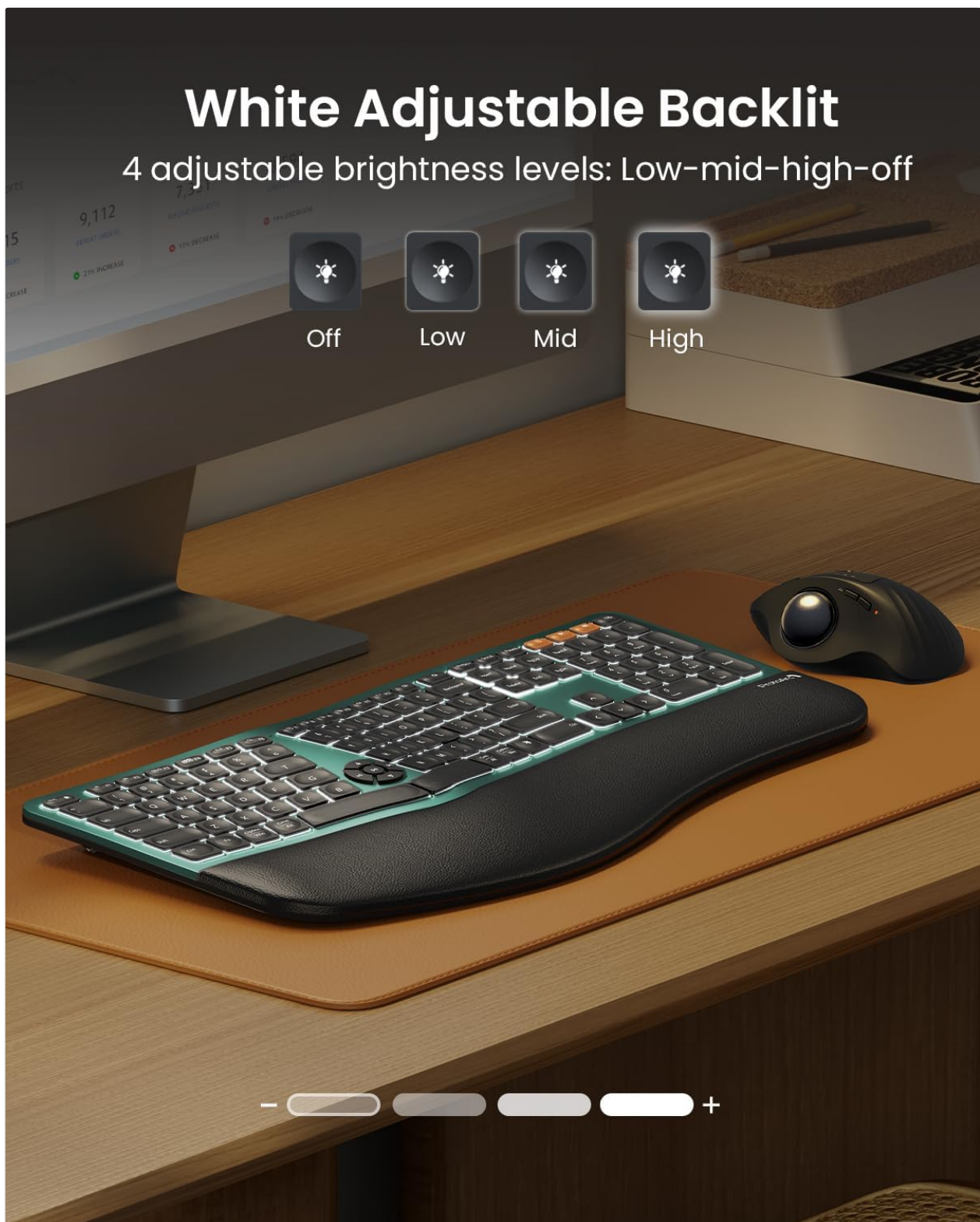


Image: The ProtoArc EK01 Plus keyboard showcasing its adjustable white backlight with options for off, low, mid, and high brightness levels.

POWER MANAGEMENT & CHARGING

The EK01 Plus is equipped with a large 2000mAh rechargeable battery, providing extended working hours, especially when the backlight is off. The keyboard uses a USB-C port for charging.

Adjustable Tilt Legs

Keep your wrists in comfortable
whether seated or standing



Image: An illustration of the ProtoArc EK01 Plus keyboard being charged via USB-C, highlighting its quick charging capability and long standby time.

Charging Tips

For optimal performance and battery longevity, 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 negatively affect the keyboard's performance. The USB charging cable is for charging only and does not support wired connection for data transfer.

Power Saving Mode

To conserve battery life, the keyboard's backlight adjusts based on inactivity periods:

- After 1 minute of inactivity: The backlight turns off. Press any key to reactivate.
- After 60 minutes of inactivity: The keyboard enters deep sleep mode with the backlight disabled. Press any key to wake the keyboard within 3 seconds, then manually turn on the backlight if desired.

SETUP GUIDE

Initial Charging

Before first use, fully charge your ProtoArc EK01 Plus keyboard using the provided USB-C cable. Connect the cable to the keyboard's USB-C port and a compatible power source (e.g., computer USB port or a DC 5V 1A charger).

Connecting via 2.4G USB Receiver

1. Locate the 2.4G USB receiver, typically found in a compartment on the keyboard or in the packaging.
2. Insert the receiver into an available USB-A port on your computer.
3. The keyboard should automatically connect. If not, press the dedicated 2.4G key (often labeled with a wireless icon) on the keyboard to activate the connection.

Connecting via Bluetooth

1. Ensure Bluetooth is enabled on your device (laptop, tablet, smartphone, etc.).
2. On the keyboard, press and hold one of the Bluetooth keys (labeled B1 or B2) until the corresponding indicator light flashes rapidly, indicating it is in pairing mode.
3. On your device, search for Bluetooth devices and select 'ProtoArc EK01 Plus' from the list to pair.
4. Repeat steps 2 and 3 for up to two additional devices using the other Bluetooth key to store separate connections.

OPERATING INSTRUCTIONS

Switching Between Devices

To switch between your connected devices, simply press the dedicated 2.4G key or the Bluetooth keys (B1, B2) corresponding to the device you wish to use.

Adjusting Backlight

Press the backlight key (often represented by a sun icon) to cycle through the three brightness levels (low, medium, high) or to turn the backlight off.

Using Multimedia Keys

By default, the F1-F12 keys on the keyboard function as multimedia keys (e.g., volume control, play/pause). To switch these keys to their traditional F-key functions (e.g., F5 for refresh), press the **Esc + Fn** keys simultaneously.

Adjusting Tilt Angle

To adjust the keyboard's tilt, extend or retract the adjustable feet on the underside of the keyboard. Experiment with the three available angles to find the most comfortable position for your wrists.

COMPATIBILITY

The ProtoArc EK01 Plus keyboard is compatible with a wide range of operating systems:

- Windows 8/10 or above
- Mac OS X 10.12 or above
- Android 4.3 or above
- Microsoft systems

Note: The keyboard cannot be connected via a wired connection for data transfer, only for charging. In 2.4G mode, the keyboard is not fully compatible with Mac OS/iOS systems, which may result in some function keys not operating normally. For full functionality on Mac OS/iOS, please use Bluetooth mode.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your keyboard:

- **Cleaning:** Regularly wipe the keyboard with a soft, dry, lint-free cloth. Avoid using harsh chemicals, abrasive cleaners, or excessive moisture, as these can damage the surface and internal components.
- **Port Care:** Ensure the USB-C charging port is kept free of dust, debris, and lint to maintain a reliable connection.
- **Storage:** When not in use for extended periods, store the keyboard in a cool, dry place away from direct sunlight and extreme temperatures.
- **Liquid Exposure:** Avoid exposing the keyboard to liquids. In case of accidental spills, immediately disconnect the keyboard and allow it to dry completely before attempting to use it again.

TROUBLESHOOTING

Keyboard Not Connecting / Unresponsive

- Ensure the keyboard is sufficiently charged.
- For 2.4G connection: Verify the USB receiver is securely inserted into a working USB-A port. Try a different USB port.
- For Bluetooth connection: Ensure Bluetooth is enabled on your device. Put the keyboard into pairing mode (press and hold B1 or B2 until light flashes) and re-pair with your device.
- Restart your computer or device.

Backlight Not Working

- Check the keyboard's battery level and charge if necessary.
- The backlight automatically turns off after 1 minute of inactivity; press any key to wake it.
- If the keyboard has entered deep sleep mode (after 60 minutes of inactivity), press any key for 3 seconds to wake the keyboard, then manually press the backlight key to turn it on.

Function Keys (F1-F12) Not Working as Expected

- By default, F1-F12 are multimedia function keys. To switch to traditional F-key functions, press **Esc + Fn** simultaneously.

2.4G Mode Issues with Mac OS/iOS

- Some function keys may not operate normally in 2.4G mode on Mac OS/iOS systems. Please switch to Bluetooth mode for full functionality on these operating systems.

SPECIFICATIONS

Brand	ProtoArc
Model	EK01 Plus
Package Dimensions	20.5 x 11 x 1.5 inches
Item Weight	3.69 pounds
Connectivity Technology	Bluetooth, 2.4G USB
Keyboard Description	Multimedia
Number of Keys	117
Keyboard Backlighting	Single Color (White)
Special Features	Backlit, Ergonomic, Full Size, Multi-Device, Rechargeable
Battery	2000mAh rechargeable battery
Charging Input	DC 5V 1A (recommended)
Date First Available	October 2, 2024

WARRANTY AND SUPPORT

For detailed warranty information, product registration, and technical support, please visit the official ProtoArc website or contact ProtoArc customer service directly. It is recommended to keep your purchase receipt as

proof of purchase for any warranty claims.

Related Documents - EK01 Plus

 <p>ProtoArc EK01</p> <p>User Manual</p> <p>2.4G + BT1 + BT2 Ergonomic Split Keyboard with Backlit</p> <p>support@protoarc.com www.protoarc.com</p>	<p>ProtoArc EK01 Ergonomic Split Keyboard User Manual - Setup & Features</p> <p>Comprehensive user manual for the ProtoArc EK01 Ergonomic Split Keyboard. Learn about 2.4G and Bluetooth connectivity, backlighting, multimedia functions, product specifications, and troubleshooting.</p>
 <p>ProtoArc</p> <p>EK01 Plus</p> <p>User Manual</p> <p>Dual Mode Ergonomic Keyboard with Backlit</p> <p>support@protoarc.com www.protoarc.com</p>	<p>ProtoArc EK01 Plus Dual Mode Ergonomic Keyboard User Manual</p> <p>User manual for the ProtoArc EK01 Plus Dual Mode Ergonomic Keyboard with Backlit, covering product features, connection guides for 2.4G USB and Bluetooth, device channel switching, charging, multimedia functions, specifications, and troubleshooting tips.</p>
 <p>ProtoArc</p> <p>User Manual</p> <p>2.4G + BT1 + BT2 Ergonomic Split Keyboard with Backlit</p> <p>EK01</p>	<p>ProtoArc EK01 Ergonomic Split Keyboard User Manual</p> <p>User manual for the ProtoArc EK01 Ergonomic Split Keyboard with 2.4G, Bluetooth 1, and Bluetooth 2 connectivity, featuring backlighting and a rechargeable battery.</p>
	<p>ProtoArc EK01 Ergonomic Split Keyboard User Manual</p> <p>User manual for the ProtoArc EK01 Ergonomic Split Keyboard with Backlit, detailing features, connectivity options (2.4G and Bluetooth), operating system compatibility (Windows, macOS, iOS, Android), and charging instructions.</p>
	<p>ProtoArc EK01 Ergonomic Keyboard User Manual</p> <p>User manual for the ProtoArc EK01 Advanced Ergonomic Split Keyboard, detailing setup, software customization, features, specifications, and troubleshooting.</p>
 <p>ProtoArc EK01-NL</p> <p>User Manual</p> <p>2.4G + BT1 + BT2 Wireless Ergonomic Split Keyboard</p> <p>support@protoarc.com www.protoarc.com</p>	<p>ProtoArc EK01-NL Wireless Ergonomic Split Keyboard User Manual</p> <p>User manual for the ProtoArc EK01-NL Wireless Ergonomic Split Keyboard, providing detailed instructions on 2.4GHz and Bluetooth connection setup for Windows, macOS, iOS, and Android, along with information on features, charging, multimedia functions, specifications, and troubleshooting.</p>