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ProtoArc EK01 Plus

ProtoArc EK01 Plus Ergonomic Keyboard

USER MANUAL

1. INTRODUCTION

Product Overview

The ProtoArc EK01 Plus is a full-size backlit wireless ergonomic keyboard designed to enhance comfort and productivity. Its unique curved, split-keyframe layout reduces muscle strain on wrists and forearms, promoting a more natural typing posture. The keyboard offers versatile connectivity options, including dual Bluetooth and 2.4G USB, allowing seamless switching between up to three devices. It features adjustable white LED backlighting and a built-in rechargeable battery for extended use.



Figure 1: ProtoArc EK01 Plus Ergonomic Keyboard in Blue.

Key Features:

- **Full-Size Ergonomic Design:** Curved, split-keyframe reduces muscle strain and promotes proper posture.
- **Adjustable Backlighting:** Soft white LED with three brightness levels (low, mid, high) for various lighting conditions.
- **Seamless 3-Device Switching:** Connects via Bluetooth (2 channels) and 2.4G USB, allowing quick transitions between devices.
- **USB-C Fast Charging:** Equipped with a 2000mAh rechargeable battery for extended working hours.
- **Cushioned Wrist Rest & Adjustable Tilt Feet:** Provides enhanced comfort and customizable typing angles.

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

2. SETUP GUIDE

Charging the Keyboard

Before first use, fully charge the keyboard using the provided USB-C cable. Connect the Type-C end to the keyboard's charging port and the USB-A end to a computer's USB port or a DC 5V 1A charger. Avoid using fast chargers or high-power adapters to prevent potential damage.

USB-C Quick Charging

Say goodbye to battery replacements
with rechargeable design



 **200 Days**
Standby Time

 **2-3 Hours**
Full Charged

Figure 2: USB-C charging port for quick and convenient power. A full charge typically takes 2-3 hours.

Connectivity Options

The EK01 Plus keyboard supports three connection modes: 2.4G USB and two Bluetooth channels (BT1, BT2). You can switch between connected devices using dedicated keys.

1. 2.4G USB Connection:

- Locate the 2.4G USB receiver stored in the magnetic slot on the underside of the keyboard.
- Plug the receiver into an available USB port on your computer.
- Turn on the keyboard using the power switch on the underside.

- Press the dedicated 2.4G key (often labeled with a wireless icon or '0') on the keyboard to activate this mode. The keyboard should connect automatically.

2. **Bluetooth Connection (BT1 / BT2):**

- Turn on the keyboard using the power switch.
- Press and hold either the BT1 or BT2 key for 3-5 seconds until the indicator light for that channel starts blinking rapidly. This indicates pairing mode.
- On your device (computer, tablet, or smartphone), go to Bluetooth settings and search for