ProtoArc KM310

ProtoArc KM310 Wireless Mechanical Keyboard and Mouse User Manual

Model: KM310

INTRODUCTION

Thank you for choosing the ProtoArc KM310 Wireless Mechanical Keyboard and Mouse. This combo offers a responsive typing experience with low-profile linear red switches and versatile multi-device connectivity. The ergonomic mouse is designed for comfort and precision. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to ensure optimal performance.

WHAT'S IN THE BOX

Image: Contents of the ProtoArc KM310 package, including the keyboard, mouse, charging cable, and user manual.

- ProtoArc KM310 Wireless Mechanical Keyboard
- ProtoArc Wireless Mouse
- USB-C Charging Cable
- User Manual

PRODUCT OVERVIEW

Keyboard Features

Multi-Device Workflow
Switch up to 3 devices

Image: A close-up view of the ProtoArc KM310 keyboard, highlighting its low-profile keys and linear red switches.

- **Low-Profile Mechanical Keys:** Equipped with linear red switches for a smooth, quiet, and responsive typing experience.
- **Aluminum Top Case:** Provides durability and a sleek, modern aesthetic.
- **Adjustable Tilt Legs:** Ergonomically designed with 2-stage foot mats offering 6° and 9° tilt options for comfortable typing.
- **Full-Size Layout:** A 108-key layout suitable for office and business use.

Mouse Features

63G Ultra-Lightweight Design
Work efficiently and relieve fatigue

Traditional Weight ≈ 100g

✕

Ultra-light Weight ≈ 63g

✓

Image: The ProtoArc KM310 mouse being held, showcasing its ergonomic design for a natural grip.

- **63G Ultra-Lightweight:** Reduces hand fatigue during extended use and enhances portability.
- **Ergonomic Design:** Contoured shape for a comfortable and natural grip.
- **Adjustable DPI:** Three DPI levels (1000/1600/2400) for tailored control and precision.
- **Silent Click:** Designed for quiet operation.
- **Forward/Backward Buttons:** Integrated for seamless browsing.

Connectivity & Power

- **Multi-Device Connectivity:** Connects up to 3 devices via 2.4G USB receiver or Dual Bluetooth (BT1, BT2).
- **Rechargeable:** Both keyboard and mouse feature Type-C charging. The mouse's USB receiver is stored on its bottom.
- **Long Battery Life:** Up to 150-200 days standby time; 2-3 hours for a full charge.

SETUP INSTRUCTIONS

1. Charging the Devices

Image: The keyboard and mouse are shown connected to power sources via USB-C cables for charging.

1. Connect the provided USB-C charging cable to the charging port on the keyboard (located on the top edge) and the mouse (located on the front edge).
2. Plug the other end of the cable into a USB power source (e.g., computer USB port, USB wall adapter).
3. The indicator lights will show charging status. Allow 2-3 hours for a full charge.

2. Connecting to Devices

Image: A desk setup showing the ProtoArc KM310 keyboard and mouse connected to a laptop, monitor, and tablet, illustrating multi-device capability.

The KM310 combo supports three connection modes: 2.4G wireless via USB receiver, Bluetooth 1 (BT1), and Bluetooth 2 (BT2).

2.1. 2.4G Wireless Connection

1. Locate the USB receiver stored in the compartment on the bottom of the mouse.
2. Plug the USB receiver into an available USB port on your computer.
3. Turn on the keyboard and mouse using their respective power switches.
4. The devices should connect automatically.

2.2. Bluetooth Connection (BT1 / BT2)

1. Turn on the keyboard and mouse.
2. On the keyboard, press the **BT1** or **BT2** key (usually located on the number pad, indicated by orange keycaps) to select the desired Bluetooth channel. The indicator light will flash.
3. On your device (computer, tablet, etc.), go to Bluetooth settings and search for "ProtoArc KM310 Keyboard" and "ProtoArc KM310 Mouse".
4. Select the devices to pair. The indicator light will stop flashing once connected.
5. Repeat for a second Bluetooth device using the other BT channel.

2.3. Switching Between Devices

To switch between connected devices, simply press the corresponding connection key on the keyboard (2.4G, BT1, or BT2) and the channel switch button on the bottom of the mouse.

OPERATING INSTRUCTIONS

Keyboard Usage

- **Typing:** The low-profile linear red switches provide a responsive and quiet typing experience.
- **Operating System Compatibility:** The keyboard is compatible with Windows and Mac OS. Keys like 'Win' and 'Alt' also show 'Option' and 'Cmd' for Mac users.
- **Adjusting Tilt:** Use the adjustable tilt legs on the underside of the keyboard to set your preferred typing angle (6° or 9°).

Mouse Usage

Ergonomic Grip, More Natural

Image: A close-up of the ProtoArc KM310 mouse, illustrating the three adjustable DPI settings (1000, 1600, 2400).

- **DPI Adjustment:** Press the DPI switch button (usually located near the scroll wheel) to cycle through the 3 DPI levels (1000/1600/2400) to match your preference for cursor speed and precision.
- **Navigation Buttons:** Use the forward and backward buttons on the side of the mouse for quick navigation in web browsers or file explorers.
- **Silent Clicks:** The mouse features silent click buttons for a quiet working environment.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to wipe down the keyboard and mouse. For stubborn dirt, a slightly damp cloth with mild soap can be used, ensuring no liquid enters the device.
- **Battery Care:** Recharge the devices when the battery indicator is low. Avoid prolonged exposure to extreme temperatures.
- **Storage:** When not in use for extended periods, turn off the devices to conserve battery life. Store the USB receiver inside the mouse to prevent loss.

TROUBLESHOOTING

Keyboard/Mouse Not Turning On or Stopping Working

1. **Check Battery:** Ensure both the keyboard and mouse are sufficiently charged. Connect them to a power source using the USB-C cable.
2. **Re-pair Devices:**

   - For 2.4G connection, ensure the USB receiver is securely plugged in and the devices are set to 2.4G mode.
   - For Bluetooth connection, ensure the devices are set to the correct BT channel (BT1 or BT2) and re-pair them through your device's Bluetooth settings.

3. **Try a Different Cable:** If charging issues persist, try using a different USB-C cable to rule out a faulty cable.
4. **Interference:** Move the devices closer to your computer or away from other wireless devices that might cause interference.
5. **Contact Support:** If the issue persists, please contact ProtoArc customer support for further assistance.

SPECIFICATIONS

Model Number	KM310
Brand	ProtoArc
Color	Space Gray
Connectivity Technology	Bluetooth, USB (2.4G Wireless)
Special Features	Low Profile Keys, Linear Red Switches, Ergonomic Design, Ultra-Light Mouse, Ergonomic Mouse
Compatible Devices	Laptop, Personal Computer, Tablet (Windows 7/8/10, Mac OS X 10.12, Android 4.3 or higher)
Item Weight	2.31 pounds
Package Dimensions	17.68 x 8.07 x 2.05 inches

WARRANTY & SUPPORT

The ProtoArc KM310 Mechanical Keyboard and Mouse combo comes with a **2-Year Warranty**.

For any questions, technical support, or warranty claims, please contact ProtoArc customer service:

- **Email:** support@protoarc.com
- **Phone:** +1 866-287-8188

OFFICIAL PRODUCT VIDEO

Your browser does not support the video tag.

Video: Official product video showcasing the features and design of the ProtoArc KM310 Aluminum Mechanical Keyboard and Mouse.