ProtoArc KM100-A

ProtoArc KM100-A Backlit Bluetooth Keyboard and Mouse User Manual

Model: KM100-A

INTRODUCTION

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your ProtoArc KM100-A Backlit Bluetooth Keyboard and Mouse. Please read this manual thoroughly before using the product to ensure optimal performance and longevity.

Image: The ProtoArc KM100-A keyboard and mouse combo, showcasing the full-size keyboard with numeric keypad and the slim mouse.

PACKAGE CONTENTS

Upon opening the package, verify that all items are present:

- ProtoArc KM100-A Backlit Bluetooth Keyboard
- ProtoArc Bluetooth Mouse
- USB-C Charging Cable
- User Manual (this document)

Image: The ProtoArc KM100-A keyboard and mouse laid out with its packaging and charging cable.

Setup Guide

1. Charging the Devices

Both the keyboard and mouse feature built-in rechargeable batteries. Before first use, it is recommended to fully charge both devices.

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. Connect the other end of the cable to a USB power source (e.g., computer USB port, USB wall adapter).
3. The charging indicator light will illuminate during charging and turn off when fully charged. A full charge typically takes 2-3 hours.

Image: Close-up of the keyboard and mouse showing the USB-C charging ports and cables connected, indicating their rechargeable nature.

2. Powering On

1. **Keyboard:** Locate the power switch on the top edge of the keyboard and slide it to the "ON" position.
2. **Mouse:** Locate the power switch on the bottom of the mouse and slide it to the "ON" position.

3. Bluetooth Pairing

The KM100-A supports connection to up to three devices simultaneously via Bluetooth. You can switch between

connected devices using the dedicated channel buttons.

1. **Keyboard Pairing:**

   a. Press and hold one of the Bluetooth channel buttons (**BT1**, **BT2**, or **BT3**) for 3-5 seconds until the corresponding indicator light flashes rapidly. This indicates the keyboard is in pairing mode.

   b. On your Mac device, go to **System Settings** (or **System Preferences**) > **Bluetooth**.

   c. Look for "ProtoArc KM100-A Keyboard" in the list of available devices and click "Connect".

   d. Follow any on-screen prompts to complete the pairing process. The indicator light will stop flashing and remain solid when connected.

2. **Mouse Pairing:**

   a. Press the channel switch button on the bottom of the mouse to select a channel (BT1, BT2, or BT3). The corresponding indicator light will flash.

   b. Press and hold the channel switch button for 3-5 seconds until the indicator light flashes rapidly. This indicates the mouse is in pairing mode.

   c. On your Mac device, go to **System Settings** (or **System Preferences**) > **Bluetooth**.

   d. Look for "ProtoArc KM100-A Mouse" in the list of available devices and click "Connect".

   e. The indicator light will stop flashing and remain solid when connected.

Note: The keyboard and mouse connect solely via Bluetooth and do not include a USB dongle. Ensure your device supports Bluetooth 5.1 or above and runs Mac OS 10.12 or later for full compatibility.
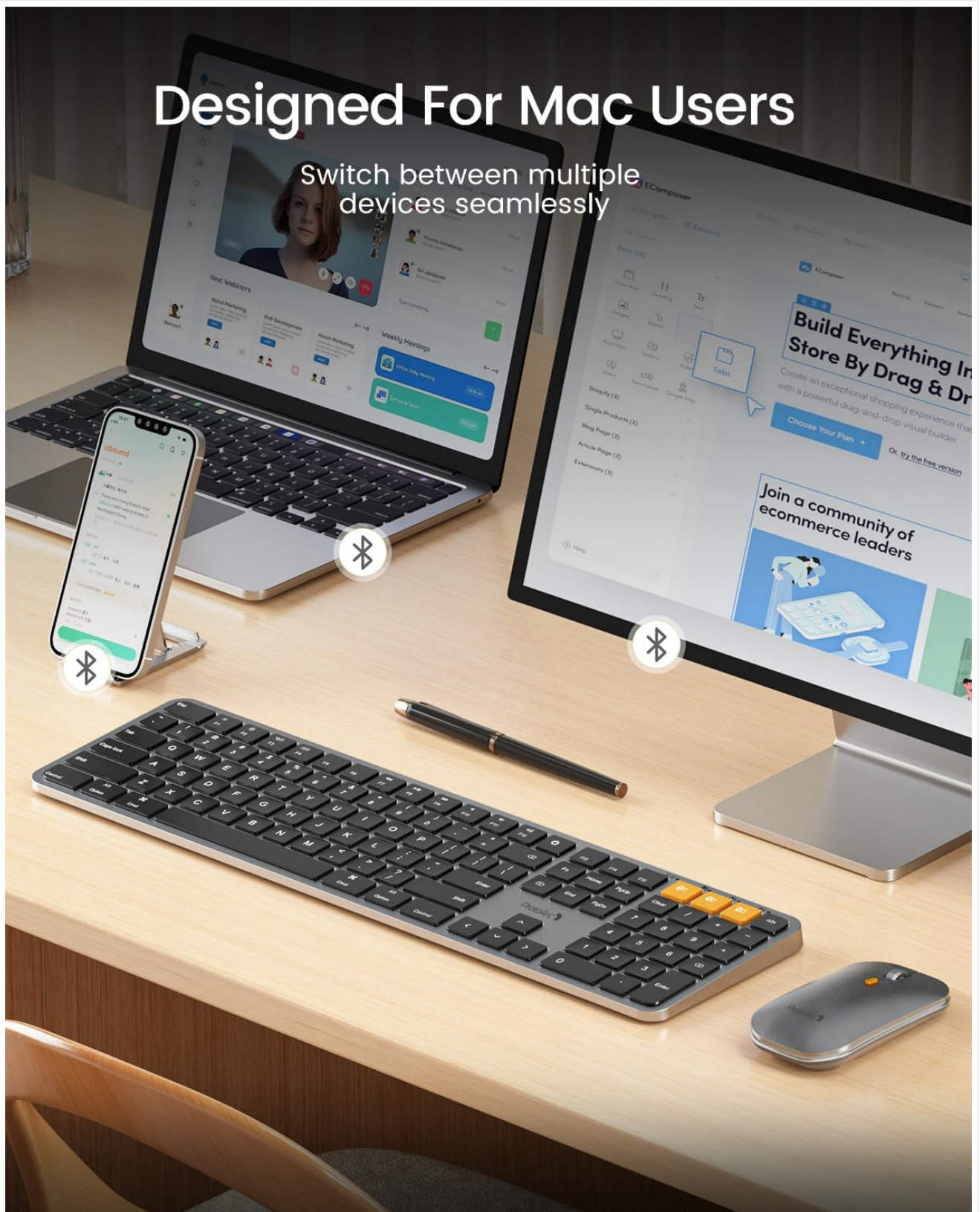
Image: A setup showing the keyboard and mouse connected via Bluetooth to a MacBook, an iPhone, and an external monitor, illustrating multi-device connectivity.

Image: Diagram showing the keyboard and mouse connecting to multiple devices (laptop, monitor, phone) via Bluetooth, with a note that no USB dongle is included.

OPERATING INSTRUCTIONS

Keyboard Functions

The KM100-A keyboard is designed with a full-size layout, including a numeric keypad, and optimized for macOS.

- **Multi-Device Switching:** Press the **BT1**, **BT2**, or **BT3** buttons to instantly switch between paired devices.
- **Backlight Control:**

  - Press **F1** to decrease backlight brightness.
  - Press **F2** to increase backlight brightness.
  - There are three adjustable brightness levels (low-mid-high).

- **Media and Function Keys:** The top row of keys provides quick access to various macOS functions:

  - **F3:** Display window
  - **F4:** Open Launchpad
  - **F7:** Previous track
  - **F8:** Play/Pause
  - **F9:** Next track
  - **F10:** Mute
  - **F11:** Volume down
  - **F12:** Volume up
  - **Power Button:** Long press to pop-up window to select shutdown (For Mac); Short press for screen lock (For iOS).

- **Typing Experience:** The keyboard features responsive scissor-switch keys and a low-profile design for quiet and comfortable typing.

White Adjustable Backlit

3 adjustable brightness levels
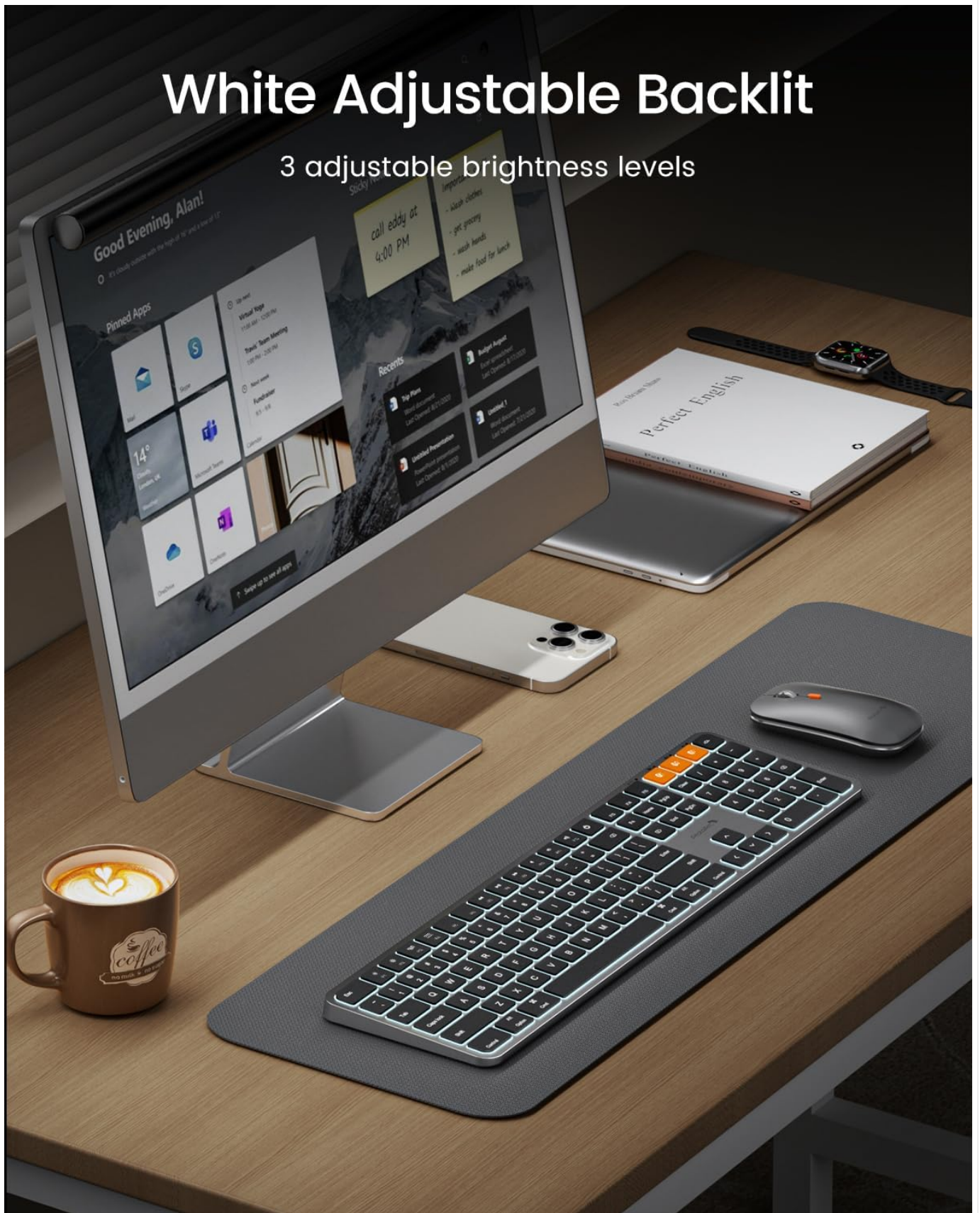
Image: The keyboard with its white LED backlighting illuminated, demonstrating the adjustable brightness feature.
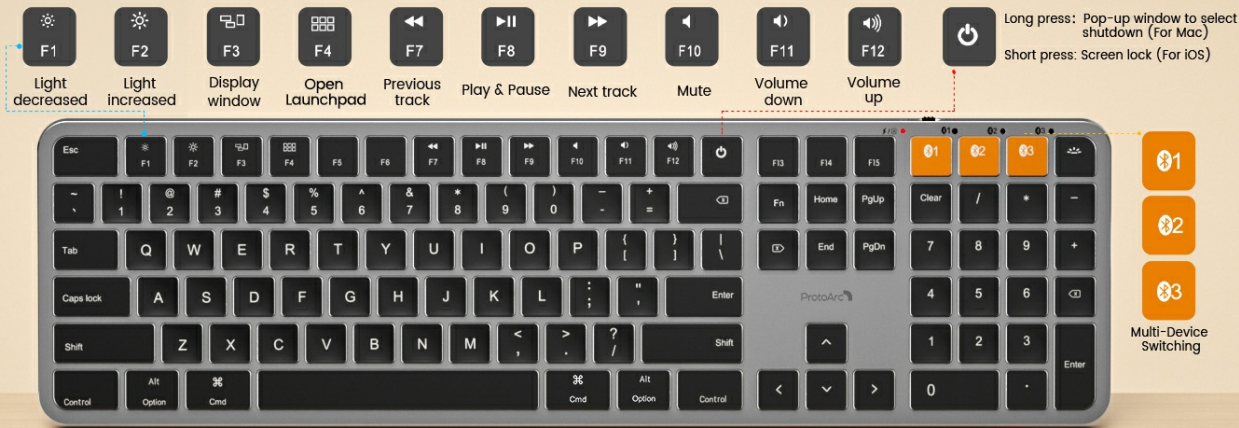
Image: A detailed diagram of the keyboard layout, highlighting the function keys and their corresponding macOS actions, along with the multi-device switching buttons.

Image: An overhead shot of hands typing on the keyboard, emphasizing the smooth and quiet typing experience provided by the scissor-switch keys.

Mouse Functions

- **DPI Adjustment:** The mouse features three adjustable DPI levels (1000/1600/2400). Press the **DPI button** (located near the scroll wheel) to cycle through the sensitivity settings.
- **Silent Click:** The mouse is designed for quiet operation, reducing click noise.
- **Multi-Device Switching:** Use the channel switch button on the bottom of the mouse to switch between paired

devices (BT1, BT2, BT3).

90% Whispered Quiet

🔇 Silent click   👆 3 adjustable DPI

2400DPI

1600DPI

1000DPI

DPI

Image: A close-up of the mouse highlighting the DPI button and indicating the three adjustable DPI levels (1000, 1600, 2400) and silent click feature.

Image: Detailed diagrams of the top and bottom of the mouse, labeling its various buttons and indicators, including the DPI button, charging port, and Bluetooth channel indicators.

Maintenance

- **Cleaning:** Use a soft, dry, lint-free cloth to clean the keyboard and mouse. For stubborn dirt, slightly dampen the cloth with water or a mild, non-abrasive cleaner. Avoid excessive moisture.

- **Storage:** When not in use for extended periods, turn off both devices to conserve battery life. Store them in a cool, dry place away from direct sunlight and extreme temperatures.

- **Battery Care:** To prolong battery lifespan, avoid fully discharging the devices frequently. Recharge them when the low power indicator appears.

- **Power Saving Mode:** If the keyboard is not used for 60 minutes, it will enter sleep mode. Press any key to wake it up. The backlighting will need to be turned on again manually after waking from sleep.

Image: A composite image showing various features of the keyboard, including low-profile key stroke, silent click mouse, extended layout, and a visual representation of a waterproof cover, suggesting ease of cleaning.

Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Device not connecting via Bluetooth.	Low battery; Device not in pairing mode; Bluetooth disabled on host device; Interference.	Charge the device. Ensure the device is in pairing mode (indicator flashing rapidly). Enable Bluetooth on your computer/device. Move closer to the host device or away from other wireless devices.
Keyboard/Mouse frequently disconnects.	Low battery; Too far from host device; Interference.	Recharge the device. Ensure the device is within the effective Bluetooth range (up to 10 meters). Reduce interference from other wireless devices.
Keys not responding or mouse cursor erratic.	Low battery; Software issue; Dirty sensor (mouse).	Charge the device. Restart your computer/device. Clean the mouse sensor with a soft cloth.
Backlight not working.	Backlight turned off or at lowest setting; Low battery.	Press F2 to increase brightness. Ensure the keyboard is charged. Note: Backlight needs to be turned on again after waking from sleep mode.
Function keys (F1-F12) not working correctly on Windows.	Keyboard designed primarily for macOS.	The KM100-A keyboard is optimized for macOS. Media keys and function keys may not be fully compatible or work as expected on Windows operating systems.

SPECIFICATIONS

Feature	Detail
Model Number	KM100-A
Brand	ProtoArc
Connectivity Technology	Bluetooth 5.1 (or above)
Compatible Devices	MacBook Air, iPad, MacBook Pro, Mac (Mac OS 10.12 or later)
Keyboard Layout	Full Size with Numeric Keypad
Keyboard Backlight	White LED, 3 adjustable brightness levels
Keyboard Battery	1200mAh rechargeable Lithium Ion
Mouse DPI Levels	1000/1600/2400 adjustable
Mouse Battery	300mAh rechargeable Lithium Ion
Charging Port	USB-C
Product Dimensions (Keyboard)	Approx. 16.5 x 4.7 x 0.55 inches (42 x 12 x 1.4 cm)
Product Dimensions (Mouse)	Approx. 3.9 x 2.3 x 0.79 inches (10 x 5.9 x 2.01 cm)

Feature	Detail
Item Weight	13.8 ounces (Keyboard and Mouse combined)
Country of Origin	China

Image: A diagram illustrating the precise dimensions of both the ProtoArc KM100-A keyboard and mouse.

WARRANTY AND SUPPORT

ProtoArc products are designed for reliability and performance. For specific warranty details, please refer to the warranty card included with your product or visit the official ProtoArc website.

For technical support, troubleshooting assistance, or inquiries about your ProtoArc KM100-A Keyboard and Mouse, please contact ProtoArc customer service through their official channels. You may also find additional resources and FAQs on the ProtoArc support page.

A digital version of the user manual is available for download: Download User Manual (PDF)

Related Documents - KM100-A

ProtoArc ProtoArc KM100-A **User Manual** Backlit Bluetooth Keyboard Mouse for Mac support@protoarc.com │ www.protoarc.com	[ProtoArc KM100-A Backlit Bluetooth Keyboard Mouse for Mac - User Manual](#) User guide for the ProtoArc KM100-A Backlit Bluetooth Keyboard Mouse for Mac. Details setup, pairing for macOS and iOS, charging, multimedia keys, and product specifications.
ProtoArc ProtoArc K100-A **User Manual** Backlit Bluetooth Keyboard for Mac support@protoarc.com │ www.protoarc.com	[ProtoArc K100-A Backlit Bluetooth Keyboard User Manual for Mac](#) User manual for the ProtoArc K100-A Backlit Bluetooth Keyboard, detailing product functions, Bluetooth connection for Mac and iOS, charging, mode switching, multimedia keys, and product parameters.
	[ProtoArc KM100-A Wireless Keyboard and Mouse Combo User Manual](#) User manual for the ProtoArc KM100-A Wireless Keyboard and Mouse Combo, featuring Bluetooth triple channel connectivity, ultra-slim design, and backlit keys. Includes setup, connection, and parameter details.
To ensure you have our contact information handy, we've included a sticker for you to peel and stick on the back of your product. **Don't forget you are covered by ProtoArc's 2-year Premium Warranty!** So you'll have easy access to our dedicated customer support team at **support@protoarc.com** whenever you need it. Feel free to contact us anytime—we're here to help!	[ProtoArc EM04 Trackball Mouse Quick Start Guide and Warranty](#) Get started quickly with the ProtoArc EM04 Wireless Bluetooth Trackball Mouse. This guide provides setup instructions, connection details, and essential warranty information.
ProtoArc ProtoArc KM100-A **User Manual** Backlit Bluetooth Keyboard Mouse for Mac support@protoarc.com │ www.protoarc.com	[ProtoArc KM100-A User Manual: Backlit Bluetooth Keyboard Mouse for Mac](#) Comprehensive user guide for the ProtoArc KM100-A Backlit Bluetooth Keyboard and Mouse Combo for Mac. Learn about product functions, Bluetooth pairing for macOS and iOS, charging, and multimedia key usage.
ProtoArc EN **KM90-A** Multi-Device Backlit Bluetooth Mac Keyboard and Mouse Combo User Manual www.protoarc.com **US** support@protoarc.com (+1) 888-287-6188 Mon-Sun, 9AM - 1PM, 5PM - 9PM PT (Eastern Time) *Closed during holidays **UK** support-uk@protoarc.com	[ProtoArc KM90-A Multi-Device Backlit Bluetooth Keyboard and Mouse Combo User Manual](#) User manual for the ProtoArc KM90-A, a multi-device backlit Bluetooth keyboard and mouse combo designed for Mac. Provides setup instructions, feature explanations, connectivity guides, multimedia key functions, product specifications, and safety warnings.