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› [Redragon K580 VATA RGB Mechanical Gaming Keyboard and M690 PRO Wireless Gaming Mouse Bundle User Manual](#)

Redragon K580

Redragon K580 VATA RGB Mechanical Gaming Keyboard and M690 PRO Wireless Gaming Mouse Bundle User Manual

Your comprehensive guide to setup, operation, and maintenance.

1. INTRODUCTION

This manual provides detailed instructions for the Redragon K580 VATA RGB LED Backlit Mechanical Gaming Keyboard and the M690 PRO Wireless Gaming Mouse Bundle. This bundle is designed to enhance your gaming experience with customizable features and reliable performance. Please read this manual thoroughly before using the products to ensure proper setup and operation.



Image 1.1: The Redragon K580 VATA RGB Mechanical Gaming Keyboard and M690 PRO Wireless Gaming Mouse, along with the USB receiver.

2. PACKAGE CONTENTS

Ensure all items are present in your package:

- Redragon K580 VATA RGB LED Backlit Mechanical Gaming Keyboard
- Redragon M690 PRO Wireless Gaming Mouse
- USB Wireless Receiver (for mouse)
- User Manual (this document)

3. K580 VATA KEYBOARD FEATURES

The Redragon K580 VATA keyboard offers a range of features for an optimized gaming and typing experience.



Image 3.1: The Redragon K580 VATA Mechanical Gaming Keyboard with RGB backlighting.

3.1. Programmable Macro Keys

The keyboard features 5 dedicated programmable macro keys (G1-G5) located on the left side. These keys allow you to record macros directly on the keyboard without requiring additional software.

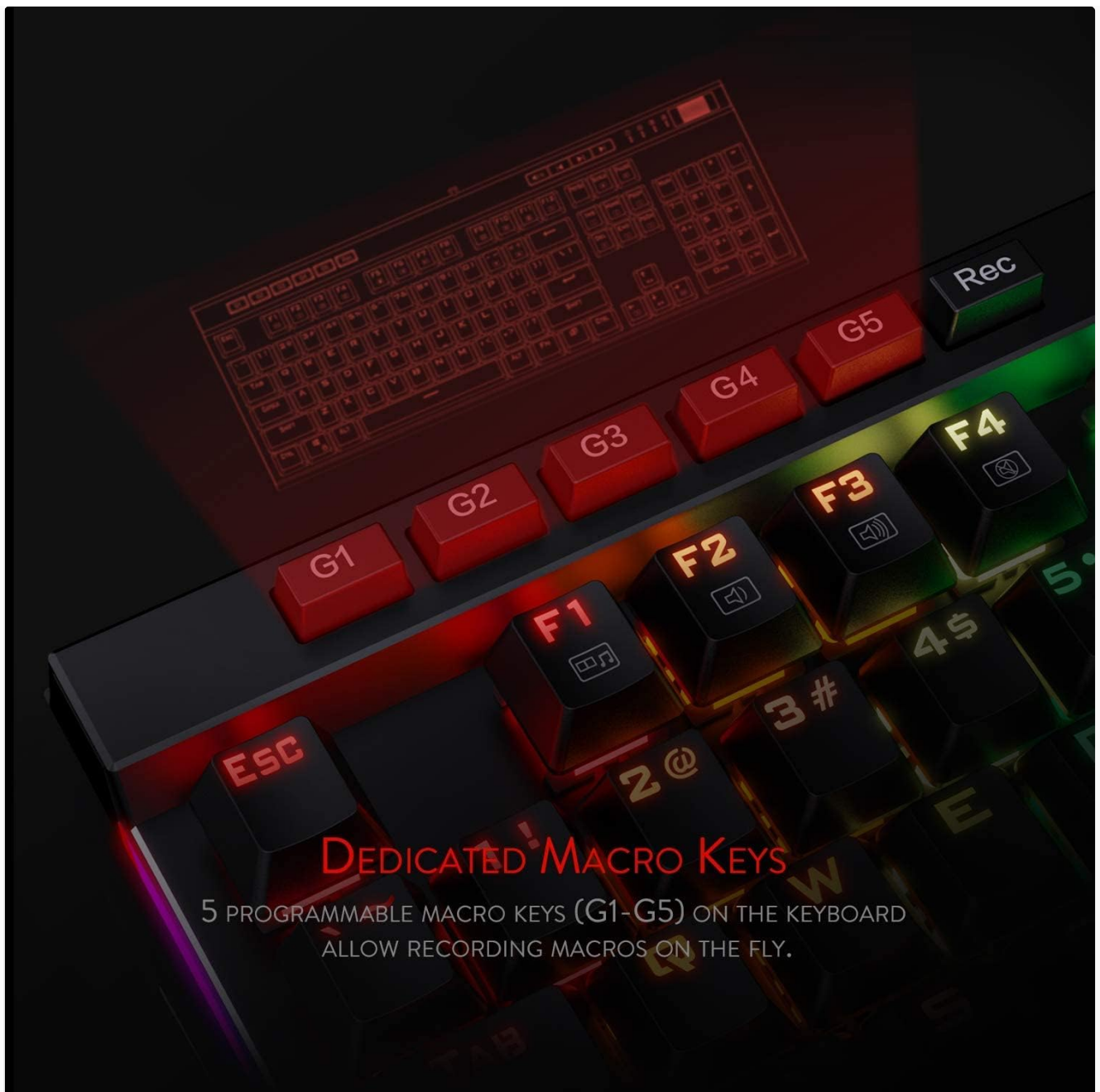


Image 3.2: Close-up view of the G1-G5 programmable macro keys on the Redragon K580 VATA keyboard.

3.2. Dedicated Multimedia Controls

Easily control your media playback with dedicated multimedia keys. The keyboard also includes a volume/backlight adjust wheel in the upper right corner for quick adjustments.

DEDICATED SCROLL BAR

THE BAR IS DESIGNED AT TOP RIGHT ALLOWS
ADJUSTMENT OF SYSTEM VOLUME / KEYBOARD
BACKLIGHT BRIGHTNESS.



Image 3.3: The dedicated scroll bar on the Redragon K580 VATA keyboard for adjusting system volume and keyboard backlight brightness.

3.3. Ergonomic Design

The K580 VATA is designed with an ergonomic wrist rest to provide comfort during extended gaming or typing sessions.

ERGONOMIC WRIST REST

KEEP YOU SATISFIED WITH NOT ONLY FROM KILLING AND
LOOTING BUT ALSO KILL YOUR FATIGUE



Image 3.4: A user's hands positioned comfortably on the Redragon K580 VATA keyboard, highlighting the ergonomic wrist rest.

4. M690 PRO MOUSE FEATURES

The Redragon M690 PRO Wireless Gaming Mouse offers precision and flexibility for gaming.



Image 4.1: The Redragon M690 PRO Wireless Gaming Mouse, showcasing its design.

4.1. Wireless Connectivity

The M690 PRO utilizes 2.4GHz wireless technology, providing a stable connection up to 10 meters (approximately 30 feet) with minimal delay.

5 Adjustable DPI Levels

Catered to Your Own Preference



Image 4.2: The Redragon M690 PRO mouse demonstrating its 2.4GHz wireless connection via a USB receiver.

4.2. Adjustable DPI

The mouse features 5 onboard DPI levels (500/1000/2000/3000/8000) that can be adjusted to suit your preference. These levels can also be customized via software.

MIRAGE PRO

WIRED AND WIRELESS GAMING MOUSE



Image 4.3: The Redragon M690 PRO mouse highlighting its 5 adjustable DPI settings.

4.3. Additional Mouse Specifications

- PAW3104 Sensor
- Up to 8000 DPI Max
- Customizable Macro support
- 20 Million Clicks lifespan
- 1 ms Response time
- Ergonomic Design
- Software Supported for advanced customization

Reliable Wireless Connection

Stable 2.4Ghz Transmission at Max
10m(32.8ft) Range



Image 4.4: Overview of key features for the Redragon M690 PRO Wireless Gaming Mouse.

5. SETUP INSTRUCTIONS

5.1. Keyboard Connection

1. Connect the USB cable of the K580 VATA keyboard to an available USB port on your computer.
2. The keyboard will be automatically recognized by your operating system.
3. The RGB backlighting will illuminate, indicating the keyboard is powered on.

5.2. Mouse Connection

1. Locate the USB wireless receiver, typically stored in a compartment on the underside of the M690 PRO mouse.
2. Plug the USB wireless receiver into an available USB port on your computer.
3. Turn on the M690 PRO mouse using the power switch located on its underside.
4. The mouse will automatically connect to the receiver. If it does not connect, ensure the receiver is properly

inserted and the mouse is powered on.

6. KEYBOARD OPERATION

6.1. Macro Recording

To record a macro on the G1-G5 keys:

1. Press the **Rec** button (located above G5). The indicator light will flash.
2. Press the desired macro key (G1-G5) where you want to save the macro.
3. Type the sequence of keys you wish to record.
4. Press the **Rec** button again to save the macro. The indicator light will stop flashing.

6.2. Multimedia Controls

Use the dedicated multimedia keys (F1-F12 with Fn key, or specific multimedia buttons) to control media playback. The scroll wheel on the top right can be used to adjust system volume or keyboard backlight brightness.

6.3. RGB Backlighting

The K580 VATA keyboard features customizable RGB backlighting. Use the dedicated keys (often Fn + Insert, Home, Page Up, Delete, End, Page Down, or specific lighting keys) to cycle through various lighting modes, effects, and colors. The scroll wheel can also adjust backlight brightness.

7. MOUSE OPERATION

7.1. DPI Adjustment

Press the DPI button(s) on the M690 PRO mouse to cycle through the preset DPI levels (500/1000/2000/3000/8000). An indicator light or on-screen display (if software is installed) may show the current DPI setting.

7.2. Charging

When the mouse battery is low, connect the mouse to your computer using a USB cable (if provided, or a standard micro-USB/USB-C cable depending on the model) to charge it. The mouse can typically be used while charging.

8. MAINTENANCE

8.1. Cleaning

- Disconnect the keyboard and mouse from your computer before cleaning.
- Use a soft, dry cloth to wipe down the surfaces of both devices.
- For stubborn dirt, lightly dampen the cloth with water or a mild cleaning solution. Avoid excessive moisture.
- Use compressed air to remove dust and debris from between keyboard keys and mouse crevices.

8.2. Storage

When not in use for extended periods, store the keyboard and mouse in a cool, dry place away from direct sunlight and extreme temperatures.

9. TROUBLESHOOTING

9.1. Keyboard Issues

- **Keyboard not responding:** Ensure the USB cable is securely connected to both the keyboard and the computer. Try a different USB port.
- **Keys not working:** Check for physical obstructions. If specific keys are not working, try cleaning around them. Reinstall keyboard drivers if necessary.
- **Backlighting not working:** Ensure the keyboard is powered on. Check if backlight brightness is turned down or if a lighting mode is selected that appears off.

9.2. Mouse Issues

- **Mouse not responding:** Ensure the mouse is powered on and the USB wireless receiver is securely plugged into a working USB port. Try a different USB port.
- **Lag or disconnections:** Ensure the mouse is within the 10-meter range of the receiver. Avoid interference from other wireless devices. Charge the mouse if the battery is low.
- **Cursor movement erratic:** Clean the mouse sensor on the underside. Ensure you are using the mouse on a suitable surface (e.g., a mouse pad).

10. SPECIFICATIONS

Feature	Detail
Brand	Redragon
Model Number (Keyboard)	K580
Model Name (Mouse)	M690 PRO
Keyboard Type	Mechanical Gaming Keyboard
Keyboard Backlighting	RGB
Keyboard Macro Keys	5 Programmable (G1-G5)
Mouse Connectivity	2.4GHz RF Wireless
Mouse DPI Levels	500/1000/2000/3000/8000 (Adjustable)
Mouse Sensor	PAW3104
Compatible Devices	Gaming Console, PC
Color	Black
Date First Available	January 29, 2023

11. WARRANTY AND SUPPORT

Redragon products typically come with a manufacturer's warranty. Please refer to the warranty card included in your product packaging or visit the official Redragon website for detailed warranty information and terms. For technical support, troubleshooting assistance, or to inquire about replacement parts, please contact Redragon customer service through their official website or the contact information provided with your product. You can also visit the [Redragon Store on Amazon](#) for more product information and support resources.

