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› Rapoo V500PRO Backlit Mechanical Wired Gaming Keyboard User Manual

Rapoo V500PRO

Rapoo V500PRO Backlit Mechanical Wired Gaming Keyboard User Manual

Model: V500PRO

PRODUCT OVERVIEW

The Rapoo V500PRO is a mechanical wired gaming keyboard designed for performance and durability. It features a full-size layout with 103 keys, a conflict-free design, and adjustable RGB backlighting. The keyboard is built with an aluminum alloy surface for enhanced strength and wear resistance, and it incorporates a spill-resistant design to protect against accidental liquid damage.

This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your V500PRO keyboard.

PACKAGE CONTENTS

- Rapoo V500PRO Mechanical Gaming Keyboard
- USB Cable
- User Manual (this document)

SETUP INSTRUCTIONS

1. Connecting the Keyboard

1. Locate an available USB-A port on your computer.
2. Connect the USB-A cable from the Rapoo V500PRO keyboard to the USB-A port on your computer.
3. The keyboard is plug-and-play and should be automatically recognized by your Windows or Mac OS operating system.



Image: The Rapoo V500PRO keyboard with its USB-A cable, ready for connection to a computer.

2. Initial Use

Once connected, the keyboard's default backlighting will activate. You can begin using the keyboard immediately for typing and gaming.

OPERATING INSTRUCTIONS

1. Key Functions and Layout

The V500PRO features a 103-key layout with a conflict-free design, ensuring that all key presses are registered accurately, even when multiple keys are pressed simultaneously. This is particularly beneficial for gaming.



Image: The Rapoo V500PRO keyboard highlighting its compact design and conflict-free key registration.

2. Backlight Control

The keyboard features an adjustable multi-color RGB backlight system. You can cycle through various lighting modes and effects using the function key combinations.

- To change lighting modes: Press **Fn + PrtScr**. Repeated presses will cycle through the available lighting effects.
- The keyboard supports five distinct lighting modes.



Image: The Rapoo V500PRO keyboard displaying its RGB backlight, with an inset showing the 'Fn' and 'PrtScr' keys used for mode selection.

3. Mechanical Switches

The V500PRO is equipped with mechanical switches that offer a key travel distance of 4.0 (± 0.4) mm and a lifespan of up to 60 million keystrokes. These switches provide tactile feedback and a responsive typing experience.

DUAL TONE PBT KEYCAPS



BLUE MECHANICAL SWITCHES

Image: A detailed view of the Rapoo V500PRO keyboard's blue mechanical switches and dual-tone PBT keycaps.

MAINTENANCE

1. Cleaning the Keyboard

The Rapoo V500PRO features a spill-resistant design, which helps protect against accidental liquid spills. However, regular cleaning is recommended to maintain optimal performance and appearance.

SPILL-RESISTANT DESIGN

DRINKS ALLOWED ON GAMING DESK



Image: The Rapoo V500PRO keyboard showcasing its spill-resistant feature with liquid on its surface.

- Disconnect the keyboard from your computer before cleaning.
- Use a soft, damp cloth to wipe down the keycaps and the keyboard surface.
- For stubborn dirt, a small amount of mild soap solution can be applied to the cloth, ensuring it is not overly wet.
- Do not immerse the keyboard in water or use harsh chemical cleaners.
- Allow the keyboard to dry completely before reconnecting it to your computer.

2. General Care

- Avoid exposing the keyboard to extreme temperatures or direct sunlight.
- Do not place heavy objects on the keyboard.
- Handle the USB cable carefully to prevent damage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Keyboard not responding	Loose USB connection; Driver issue; Faulty USB port.	<ul style="list-style-type: none"> • Ensure the USB cable is securely connected to both the keyboard and the computer. • Try connecting the keyboard to a different USB port. • Restart your computer. • Check your operating system's device manager for any keyboard driver issues.
Backlight not working or stuck	Backlight turned off; Software glitch.	<ul style="list-style-type: none"> • Press Fn + PrtScr to cycle through backlight modes and ensure it's not off. • Disconnect and reconnect the keyboard. • Restart your computer.
Keys not registering correctly	Debris under keycap; Software issue.	<ul style="list-style-type: none"> • Clean the keyboard as described in the Maintenance section. • Ensure no other software is interfering with key inputs. • Test the keyboard on another computer if possible.

If you continue to experience issues, please contact Rapoo customer support.

SPECIFICATIONS

Feature	Detail
Brand	Rapoo
Model Name	V500PRO
Connectivity Technology	USB-A (Wired)
Keyboard Description	Mechanical
Number of Keys	103 (Conflict-free design for all keys)
Switch Type	Mechanical (4.0 ±0.4 mm travel, 60 million keystrokes lifespan)
Backlighting	RGB (Multi-color, adjustable, 5 lighting modes)
Compatible Devices	Mac OS, Windows
Enclosure Material	Aluminium Alloy Surface
Special Features	Spill-resistant design, Detachable Magnetic Cover
Item Dimensions (L x W x H)	13.1L x 3.7W x 3.1H Centimeters
Item Weight	805 Grams

Feature	Detail
Country of Origin	China

WARRANTY INFORMATION

The Rapoo V500PRO Mechanical Wired Gaming Keyboard comes with a **2-year warranty** from the date of purchase. This warranty covers manufacturing defects and ensures the product is free from defects in materials and workmanship under normal use.

Please retain your proof of purchase for warranty claims. The warranty does not cover damage caused by misuse, accidents, unauthorized modifications, or normal wear and tear.

CUSTOMER SUPPORT

For technical assistance, warranty claims, or any other inquiries regarding your Rapoo V500PRO keyboard, please contact our support team using the information below:

- **Manufacturer:** Shenzhen RAPOO Technology Co. Limited
- **Manufacturer Address:** 22, Jinxiu Road East, Pingshan District, Shenzhen, China
- **Importer (India):** Creative Newtech Limited
- **Importer Address (India):** 3rd & 4th Floor, Plot No. 137AB, Kandivali Co Op Industrial Estate Limited, Charkop, Kandivali West, Mumbai – 400 067, India

For the most up-to-date support information, please visit the official Rapoo website or contact your local distributor.

