Machenike K500W

Machenike K500W Wireless Mechanical Keyboard User Manual

Model: K500W (APOJHGF777)

INTRODUCTION

Thank you for choosing the Machenike K500W Wireless Mechanical Keyboard. This keyboard offers a versatile tri-mode connection (Bluetooth, 2.4G Wireless, and Wired), hot-swappable switches, and customizable RGB backlighting, designed for PC and laptop gamers and users seeking a responsive and customizable typing experience. This manual provides detailed instructions on setting up, operating, and maintaining your keyboard to ensure optimal performance.

SAFETY INFORMATION

- Keep the keyboard away from liquids and excessive moisture.
- Avoid exposing the keyboard to extreme temperatures.
- Do not disassemble or attempt to repair the keyboard yourself. Refer to qualified personnel for service.
- Use only the provided charging cable or a certified equivalent.
- Keep out of reach of small children.

PACKAGE CONTENTS

- Machenike K500W Wireless Mechanical Keyboard
- USB-C to USB-A Cable
- 2.4G Wireless Receiver
- Keycap Puller
- Switch Puller
- User Manual (this document)

PRODUCT OVERVIEW

The Machenike K500W features a compact 94-key layout, providing a full-sized typing experience while optimizing desk space. It includes dedicated function keys, a numeric keypad, and arrow keys. The keyboard is equipped with hot-

swappable mechanical switches, allowing for easy customization without soldering.

This image displays the Machenike K500W keyboard, showcasing its compact 94-key layout with vibrant RGB backlighting. Below the keyboard, a detailed view of a brown mechanical switch is presented, highlighting its internal structure.

SETUP

1. Charging the Keyboard

Before first use, fully charge the keyboard. Connect the USB-C end of the provided cable to the keyboard's USB-C port and the USB-A end to a computer's USB port or a 5V USB power adapter. The charging indicator light will show the charging status.

2. Connecting the Keyboard

The Machenike K500W supports three connection modes: Wired, 2.4G Wireless, and Bluetooth.

Wired Mode:

1. Connect the USB-C cable to the keyboard and your computer.
2. The keyboard will automatically switch to wired mode.

2.4G Wireless Mode:

1. Locate the 2.4G wireless receiver (usually stored in a compartment on the keyboard).
2. Plug the 2.4G receiver into an available USB port on your computer.
3. Switch the keyboard to 2.4G mode using the mode switch (refer to keyboard layout for exact location). The keyboard should connect automatically.

Bluetooth Mode:

1. Switch the keyboard to Bluetooth mode using the mode switch.

2. On your computer or device, enable Bluetooth and search for new devices.

3. Select "Machenike K500W" (or similar name) from the list of available devices to pair.

4. The keyboard may support multiple Bluetooth profiles (e.g., BT1, BT2, BT3). Use Fn + Q/W/E to switch between profiles and pair with different devices.

OPERATING INSTRUCTIONS

Function Key Combinations (Fn + Key)

The keyboard utilizes the Fn key for various multimedia and system functions.

Combination	Function
Fn + F1-F12	Standard multimedia and system controls (e.g., volume, media playback, brightness). Specific functions may vary.
Fn + Q/W/E	Switch between Bluetooth profiles (BT1, BT2, BT3).
Fn + R	Switch to 2.4G Wireless mode.
Fn + T	Switch to Wired mode.
Fn + Backspace	Delete (on some layouts).
Fn + Ins/Home/PgUp/Del/End/PgDn	Navigation and editing keys.

RGB Backlighting Control

The keyboard features customizable RGB backlighting. Use the following combinations to adjust lighting effects:

- **Fn + \ |**: Cycle through different lighting effects.
- **Fn + [{**: Decrease backlight brightness.
- **Fn +] }**: Increase backlight brightness.
- **Fn + ; :**: Decrease lighting effect speed.
- **Fn + ' "**: Increase lighting effect speed.
- **Fn + Right Arrow**: Change lighting direction.
- **Fn + Left Arrow**: Change lighting color (for static modes).

Hot-Swapping Switches

The Machenike K500W supports hot-swappable mechanical switches, allowing you to change switches without soldering.

1. Power off the keyboard or disconnect it from your computer.
2. Use the provided keycap puller to carefully remove the desired keycap.
3. Use the provided switch puller to gently grip the top and bottom clips of the switch and pull it straight up.
4. Align the pins of the new switch with the holes on the PCB. Ensure the pins are straight.
5. Gently push the new switch into place until it clicks securely. Do not force it.
6. Replace the keycap.

Driver Programmable Features

For advanced customization, including macro programming and detailed RGB control, download the official Machenike

K500W driver software from the manufacturer's website.

- Visit the official Machenike support website.
- Locate the driver for the K500W model.
- Download and install the software following the on-screen instructions.
- Use the software to customize key assignments, create macros, and fine-tune RGB lighting effects.

MAINTENANCE

Cleaning the Keyboard

- Disconnect the keyboard from your computer before cleaning.
- Use a soft, lint-free cloth slightly dampened with water or a mild cleaning solution to wipe the keycaps and chassis.
- For dust and debris between keycaps, use compressed air or a small brush.
- Do not spray liquid directly onto the keyboard.

Storage

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

TROUBLESHOOTING

Problem	Possible Solution
Keyboard not responding in wireless mode.	Ensure the keyboard is charged. Check if the keyboard is in the correct mode (2.4G or Bluetooth). For 2.4G, ensure the receiver is properly plugged in. For Bluetooth, ensure it's paired correctly and try re-pairing. Try connecting via wired mode to confirm keyboard functionality.
Keys are not registering or double-typing.	Ensure the switch is fully seated in the hot-swap socket. Try replacing the switch with a known working one. Clean under the keycap and around the switch.
RGB lighting is not working or stuck.	Ensure the keyboard is charged. Try cycling through lighting effects using Fn combinations. Reset the keyboard (refer to manufacturer's website for specific reset instructions if available). Check driver software settings if installed.
Bluetooth connection is unstable.	Ensure the keyboard is within range of the device. Remove any potential interference sources (other wireless devices). Try re-pairing the keyboard with your device. Update Bluetooth drivers on your computer.

SPECIFICATIONS

Feature	Detail
Model Name	K500W (APOJHGF777)
Connection Type	Tri-mode (Wired USB-C, 2.4G Wireless, Bluetooth)
Switch Type	Mechanical (Brown Switch variant)
Key Rollover	100% Anti-ghosting & N-key rollover
Backlighting	RGB Backlit
Keycap Material	PBT Doubleshot Keycaps
Battery Capacity	2000mAh
Dimensions	36 x 13 x 5 cm (approx. 14.17 x 5.12 x 1.97 inches)
Item Weight	14.1 ounces (approx. 400 grams)
Manufacturer	APOJHGF
Country of Origin	China

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the warranty card included with your product or visit the official Machenike website. You can also contact the seller directly for assistance.
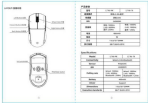**Manufacturer:** APOJHGF
Model: K500W

Related Documents - K500W

[MACHENIKE K600S-B100W Mechanical Keyboard: User Manual & Features](#)
Comprehensive user manual for the MACHENIKE K600S-B100W Tri-Mode Mechanical Keyboard. Learn about device layout, technical specifications, USB, 2.4GHz, and Bluetooth connectivity, Windows shortcuts, customizable lighting effects, power management, and package contents.

[MACHENIKE KT84 Smart Screen Mechanical Keyboard User Guide](#)
Comprehensive user guide for the MACHENIKE KT84 Smart Screen Mechanical Keyboard, covering setup, features, multimedia keys, lighting effects, and troubleshooting. Supports tri-mode connectivity.

[MACHENIKE TH70 Pro ANC Earbuds User Manual](#)

User manual for the MACHENIKE TH70 Pro ANC Earbuds, detailing features, specifications, connection methods, package contents, and troubleshooting. Includes multi-language support.
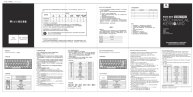
[Machenike K500-B94 Obsidian Wireless Gaming Keyboard User Manual](#)
Comprehensive user manual for the Machenike K500-B94 Obsidian wireless gaming keyboard. Learn about setup, features, backlight customization, technical specifications, and support.

Documents - Machenike – K500W

[pdf] User Manual

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