

Machenike K600 B82W

Machenike K600 B82W Gasket Mechanical Gaming Keyboard User Manual

Model: K600 B82W

INTRODUCTION

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your Machenike K600 B82W Gasket Mechanical Gaming Keyboard. Please read this manual thoroughly before using the product to ensure optimal performance and longevity.

PACKAGE CONTENTS

Verify that all items are present in the package:

- Machenike K600 B82W Mechanical Gaming Keyboard
- USB-C to USB-A Cable
- 2.4GHz Wireless Receiver
- Keycap Puller / Switch Puller Tool
- User Manual (this document)

PRODUCT OVERVIEW

The Machenike K600 B82W is a 75% compact mechanical keyboard featuring a gasket-mounted design, hot-swappable switches, and versatile tri-mode connectivity (Bluetooth, 2.4GHz wireless, USB-C wired). It includes a multi-function knob and vibrant RGB backlighting.



Image: Overview of the Machenike K600 B82W keyboard highlighting its 75% layout, multi-mode connectivity, RGB lighting, control knob, hot-swap design, PBT keycaps, anti-ghosting, gasket mount, and 4000mAh battery.

Key Features:

- **75% Compact Layout:** Integrates essential keys in a space-efficient design.

- **Tri-Mode Connectivity:** Supports Bluetooth, 2.4GHz wireless, and USB-C wired connections.
- **Hot-Swappable Sockets:** Allows for easy replacement of 3-pin or 5-pin mechanical switches.
- **Gasket Structure Design:** Features multiple dampening layers for improved typing feel and acoustics.
- **Multimedia Control Knob:** For volume, media playback, and customizable functions.
- **Vibrant RGB Backlighting:** 16.8 million colors with customizable patterns.
- **Doubleshot PBT Keycaps:** Durable keycaps with legends that resist fading.
- **4000mAh Battery:** High-capacity battery for extended wireless use.
- **Web Driver Support:** For advanced customization of key assignments, macros, and lighting.

SETUP

1. Charging the Keyboard

Before initial use, it is recommended to fully charge the keyboard.

1. Locate the USB-C port on the side of the keyboard.
2. Connect the provided USB-C cable to the keyboard and the USB-A end to a power source (e.g., computer USB port, USB wall adapter).
3. The RGB lighting will indicate charging status (specific indicator behavior may vary; refer to the operating section for details).

2. Connecting the Keyboard

The K600 B82W supports three connection modes: USB-C wired, 2.4GHz wireless, and Bluetooth.



Image: Illustration of the Machenike K600 B82W keyboard connected via USB-C, 2.4GHz wireless, and Bluetooth to various devices like a laptop, tablet, and smartphone.



Image: Close-up of the keyboard's side panel, showing the receiver slot, mode switch slider, Type-C port, and 2-stage tilt feet.

2.1. USB-C Wired Connection

1. Ensure the mode switch slider on the side of the keyboard is set to the "Wired" position (usually indicated by a cable icon or "USB").
2. Connect the USB-C cable to the keyboard and the other end to your computer's USB port.
3. The keyboard will be automatically recognized by your operating system.

2.2. 2.4GHz Wireless Connection

1. Locate the 2.4GHz wireless receiver, typically stored in a dedicated slot on the side of the keyboard.
2. Remove the receiver and plug it into an available USB port on your computer.
3. Set the mode switch slider on the keyboard to the "2.4G" position.
4. The keyboard should connect automatically. If not, press **Fn + 4** to activate 2.4G pairing mode.

2.3. Bluetooth Connection

The keyboard supports up to three Bluetooth devices.

1. Set the mode switch slider on the keyboard to the "BT" position.
2. To enter pairing mode for a specific Bluetooth channel, press and hold **Fn + 1**, **Fn + 2**, or **Fn + 3** for 3-5 seconds

until the corresponding key's backlight flashes rapidly.

3. On your device (PC, tablet, smartphone), open Bluetooth settings and search for new devices.
4. Select "Machenike K600 B82W" (or similar name) from the list of available devices to pair.
5. Once paired, the backlight on the selected Fn key will stop flashing and remain steadily lit.
6. To switch between paired Bluetooth devices, simply press **Fn + 1**, **Fn + 2**, or **Fn + 3**.

OPERATING INSTRUCTIONS

1. Multimedia Control Knob

The integrated knob provides quick access to multimedia controls.



Image: Close-up of the multi-function knob on the Machenike K600 B82W keyboard, indicating its uses for volume control, media control, and programming via web driver.

- **Rotate Knob:** Adjusts system volume (clockwise to increase, counter-clockwise to decrease).
- **Press Knob:** Mutes/unmutes audio.
- **Customization:** The knob's functions can be customized further using the web driver software.

2. RGB Backlighting Control

The keyboard features customizable RGB backlighting.



Image: Close-up of the Machenike K600 B82W keyboard showcasing its vibrant RGB backlighting.

- **Fn + \ | :** Cycle through different lighting effects.
- **Fn + ↑ / ↓ :** Adjust backlight brightness.
- **Fn + ← / → :** Adjust lighting effect speed.
- **Fn + Del:** Change backlight color (for static modes).
- **Web Driver:** For advanced customization of lighting patterns and colors.

3. Hot-Swapping Switches

The K600 B82W allows for easy replacement of mechanical switches without soldering.



Image: Diagram illustrating the hot-swappable nature of the Machenike K600 B82W keyboard, showing switches being removed and inserted, compatible with 3-pin or 5-pin switches. Examples of GR Brown (tactile) and GR Silver (linear) switches are shown with their specifications.

1. **Remove Keycap:** Use the keycap puller to gently remove the desired keycap.
2. **Remove Switch:** Use the switch puller tool to carefully grip the top and bottom clips of the switch and pull it straight up.
3. **Insert New Switch:** Align the pins of the new switch with the holes on the PCB. Ensure the switch is oriented correctly.
4. **Press Firmly:** Gently press the switch down until it clicks into place. Do not force it.
5. **Replace Keycap:** Place the keycap back onto the new switch.

Caution: Ensure the keyboard is disconnected or powered off before hot-swapping switches to prevent damage.

4. Web Driver Customization

Unlock advanced customization options for key remapping, macros, and lighting effects using the dedicated web driver.



Image: Screenshot of the Machenike K600 B82W web driver interface, showing options for Main, FnSetting, Macro, Light, Share, My Account, and Login/Register. A keyboard layout is displayed for key remapping, along with a guide for accessing the web driver.

1. Log in to the website: <https://app.qmk.top/>
2. Wait for the pop-up window to install the Win/Mac plug-in.
3. After installation, refresh the page and allow the plug-in to start.
4. Follow the on-screen instructions to use the web driver for customization.

The web driver is applicable for wired and 2.4G modes.

MAINTENANCE

1. Cleaning the Keyboard

- Disconnect the keyboard from all power sources 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.
- Avoid using harsh chemicals, abrasives, or solvents.

2. Battery Care

- Avoid fully discharging the battery frequently.
- Store the keyboard in a cool, dry place when not in use for extended periods.
- If storing for a long time, charge the battery to approximately 50% to prolong its lifespan.
- Do not expose the keyboard to extreme temperatures.

TROUBLESHOOTING

Keyboard Not Responding

- **Check Connection:** Ensure the USB cable is securely connected, the 2.4GHz receiver is plugged in, or Bluetooth is properly paired.
- **Mode Switch:** Verify the mode switch on the side of the keyboard is set to the correct connection mode (Wired, 2.4G, or BT).
- **Battery Level:** Charge the keyboard if the battery is low.
- **Restart Device:** Try restarting your computer or device.
- **Test on Another Device:** Connect the keyboard to another computer to determine if the issue is with the keyboard or the original device.

Wireless Connection Issues

- **Interference:** Move the keyboard closer to the receiver/device or away from other wireless devices that might cause interference.
- **Re-pair:** For 2.4GHz, try re-pairing by pressing **Fn + 4**. For Bluetooth, unpair and re-pair the keyboard in your device's Bluetooth settings.

- **Driver Issues:** Ensure your device's Bluetooth drivers are up to date.

RGB Lighting Not Working Correctly

- **Brightness:** Adjust brightness using **Fn + ↑ / ↓**.
- **Lighting Mode:** Cycle through modes using **Fn + \ |**.
- **Web Driver:** Use the web driver to reset or customize lighting settings.

SPECIFICATIONS

Brand	Machenike
Model	K600 B82W
Keyboard Description	Mechanical
Layout	75% Compact, QWERTY
Number of Keys	82
Connectivity Technology	Bluetooth, 2.4GHz Wireless, USB-C Wired
Compatible Devices	PC, Laptop, Tablet, Smartphone, Gaming Console (Xbox, PS4, PS5)
Special Features	Backlit (RGB), Hot-Swappable, Ergonomic, Rechargeable, Customizable Display Keys
Switch Type	Linear (default, but hot-swappable)
Keycaps	Doubleshot PBT
Battery Capacity	4000mAh
Power Source	Battery Powered
Color	Black

WARRANTY AND SUPPORT

Warranty Information

The Machenike K600 B82W keyboard comes with a **1-Year Limited Warranty** from the date of purchase. This warranty covers manufacturing defects and workmanship under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or natural disasters. Please retain your proof of purchase for warranty claims.

Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact Machenike customer support through their official website or the retailer where the product was purchased.

- **Machenike Official Website:** www.machenike.com (Check for a support section or contact page)
- **Retailer Support:** Refer to the support channels provided by your point of purchase.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question