

VARMILO VA100 Mechanical Keyboard



# VARMILO VA100 Mechanical Keyboard User Manual

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# VARMILO

VARMILO VA100 Mechanical Keyboard



## Specifications

- **Model:** VA100RGB Varmilo VA100
- **Keyboard Size:** 75%
- **Compatibility:** Mac, Windows
- **Connectivity:** Wired (2.4G), Wireless (Bluetooth & 2.4G)

## Product Information

- **Preface:** Varmilo, meaning 'your weapon' in Esperanto, offers unique, customized keyboards that prioritize craftsmanship and quality.
- **Product Feature:** The Varmilo mechanical keyboard series features Cherry MX switches from Germany known for stable internal structures and tactile feedback.

## Layout

**Matters Need Attention:** Follow the keyboard layout and key functions as specified in the user manual to ensure optimal performance.

## Daily Maintenance

1. Use a key puller to remove keycaps.
2. Turn the keyboard upside down and pat to remove impurities.
3. Brush off dust and impurities from the keys.
4. If needed, wipe residues with a clean cloth and alcohol.
5. Dry the keyboard in a cool, ventilated place.

**Note:** Avoid damaging the USB port by not frequently plugging/unplugging or bending the keyboard cable.

## Product Usage Instructions

### Indicator Lights

- The battery level indicator shows a red light below 25% and green between 25%-75%. The system indicator light is green in Mac mode and off in Win mode.
- The Win key indicator is red when locked. Bluetooth and 2.4G indicator lights show connectivity status.

## **Wired, Wireless Channel Switching**

- Switch between Bluetooth and 2.4G modes based on your preference using the designated keys.

## **Current Light Effect**

- Customize the lighting effects of your keyboard to suit your preference.

## **Multimedia Function Combinations**

- Utilize function key combinations for multimedia controls like music playback, email, calculator, and more.

## **System Switching**

- In Mac mode, use the designated keys for multimedia functions like brightness adjustment, volume control, and application navigation.

## **Hibernation and Shutdown**

- Follow recommended procedures for hibernation, shutdown, and other system operations as needed.

## **Driver Function Description**

- Refer to the user manual for detailed instructions on the driver functions and settings.

## **FAQ**

### **1. What is the warranty period for Varmilo keyboards?**

- Varmilo provides one year of free warranty service for keyboards and three months for accessories from the date of order receipt.

### **2. What issues are covered under the free warranty service?**

- The free warranty service covers non-human quality problems encountered during normal use. Damages due to human factors or force majeure are not included.

### **3. How can I claim warranty service without the warranty card?**

- If you lose the warranty card, you can use the purchase voucher (invoice, receipt), and e-commerce purchase information as a basis for warranty claims.

## **Preface**

- Varmilo comes from Esperanto 'Via' 'armilo', which means the unique keyboard customized for you. We were born to meet customers' personalities and variety as well as keep good craftsmanship and stable quality.
- Varmilo is aiming at beautifying your desk setup through endless improvement and boundless innovation!
- By keyboard artist Varmilo.

## **Product Feature**

The brand-new Varmilo mechanical keyboard series adopts the Chery MX switches from Germany with stable internal structures and tactility.

## Daily Maintenance

- To clean a keyboard, pull out the keycaps using a key puller, put the keyboard upside down, pat the back of the keyboard to pour out impurities, and brush off the impurities and dust that are adhered to the keys.
- If residuals exist, wipe them off using a clean cloth with some alcohol. After that, dry the keyboard in a cool and ventilated place. To avoid a loose or fallen USB port, do not frequently plug, unplug, drag, or bend a keyboard cable.

## Layout



## Matters Need Attention

- The Bluetooth device must be Bluetooth 5.0 or above.
- All operations combined with the Fn key must first press Fn and then press the combined function key to perform the function; the key is released in no particular order.

## Indicator Light

Press Fn to check the following indicator lights:

1. **Battery indicator light:** The green light is on when the battery level exceeds 75%, the orange light is on when the battery level is between 25% and 75%, and the red light is on when the battery level is below 25%.
2. **System indicator light:** Green light is on in Mac mode, light off in Win mode.
3. **Win indicator light:** The red light is on when the Win key is locked, light off when unlocked.
4. **Bluetooth channel indicator light:** Light is on when connected, light flashes when waiting for a connection.
5. **2.4G indicator light:** The light is on when 2.4G is connected, light flashes when 2.4G is waiting for connection.

## Wired, Wireless(Bluetooth & 2.4G) Channel Switching

- The wireless mode switch is on the right rear side of the keyboard.
- Facing the wireless mode switch and flip the switch to the left/middle/right side, the wired mode / Bluetooth mode / 2.4G mode is on.

- The corresponding mode icons are near the mode switch.



- When the keyboard is in wireless mode, then connect the charging cable is for charging the keyboard.

## Bluetooth Mode Connection Operation

- The Bluetooth name of the keyboard is “VA100-1/2/3”. Bluetooth searchable time is 2 minutes.
- Press Fn + 1 2 or 3, to switch the Bluetooth channel. The indicator light flashes when searching devices. After the setting is successful, the indicator light remains on for a while, and then it follows the keyboard backlight.
- Hold Fn + 1 2 or 3 for 3 seconds to reset the corresponding Bluetooth channel.

## 2.4G Pairing Operation

- In 2.4G mode, plug in the receiver to pair 2.4G. The code matching time is 20 seconds.
- Hold Fn + 4 for 5 seconds to pair 2.4G. The indicator light flashes when waiting for pairing. After the pairing is successful, the indicator light remains on for a while, and then it follows the keyboard backlight.
- The included 2.4G receiver has been paired with the keyboard directly.

## Current Light Effect

- Press Fn + Left or Right Shift to switch the previous or next light effect mode of the backlight.
- Press Fn + “{” or “}” to switch the previous or next color under the monochrome light effect.
- Press Fn + “←” or “→” to reduce or increase the dynamic speed of the backlight.
- Press Fn + “↓” or “↑” to reduce or increase the light effect brightness of the backlight.

## Multimedia Function

Combinations	Function	Combinations	Function	Combinations	Function	Combinations	Function
Fn + F	Music	Fn + G	Email	Fn + H	Calculator	Fn + J	Computer
Fn + F7	Last Song	Fn + F8	Play/Pause	Fn + F9	Next Song	Fn + F10	Mute
Fn + F11	Vol Down	Fn + F12	Vol Up				

## System Switching

- Hold Fn + Tab for 5 seconds to switch to the Win or Mac mode. When the keyboard is used for the first time, the default mold is Win mode.

## Mac Mode-Multi-Media Keys

- In Mac mode, press Fn + F1~F13 to trigger the F1~F13 function.

- In Mac mode, some key functions are as follows.

Key	Function	Key	Function	Key	Function	Key	Function
F1	Brightness-	F2	Brightness+	F3	Display all interfaces	F4	Display all APPs
F5	F5	F6	F6	F7	Last Song	F8	Play/Pause
F9	Next Song	F10	Mute	F11	Vol Down	F12	Vol Up
Win	Option	Alt	Command				

## Hibernation and Shutdown

- 10 minutes without key operation, the keyboard turns into light hibernation mode.
- After 20 minutes of light hibernation mode, it turns into deep hibernation mode.
- Press any key to shut down hibernation mode.

## Other

- Press Fn + Win key to lock/unlock Win key.
- Hold Fn + D for 5 seconds, and restore the keyboard to factory settings.

## Driver Function Description

You can set keyboard functions in the VIA driver.

## Varmilo Warranty Service Information

- Varmilo provides a one-year free warranty service for keyboards and three months for accessories from the date of order receipt.
- The warranty period is based on this card and the date of purchase. Please keep it properly. If you lose this card, you can still use the purchase voucher (invoice, receipt) and the purchase information of e-commerce as the warranty basis.
- Free warranty service is only applicable to non-human quality problems in normal use. If the product is damaged due to human factors or force majeure, the free warranty service cannot be provided.
- Human factors include external damage (impact, scraping, etc.), liquid (water, beverage, etc.), unauthorized disassembling, removing the serial number or warranty sticker of the product itself, etc.
- Force majeure includes the damage caused by flood, dampness, rodent damage, and other natural disasters.
- For products with printed patterns on the cases, please avoid wiping with alcohol and use clean water or alcohol-free cleaning products.

## Maintenance Instructions

- During the warranty period, you can enjoy the free warranty service. If exceeds the free warranty period, Varmilo will still provide paid maintenance service.
- Customers could ask for warranty service from where they purchased the products, or contact

## FCC WARNING

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. this device may not cause harmful interference,
2. this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**NOTE:** This equipment has been tested and found to comply with the limits for a Class B digital device, under Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used under the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet the general RF exposure statement.  
The device can be used in portable exposure conditions without restriction.



Official Website



Weibo



Wechat



Instagram



Twitter



- Scan the QR code for more detailed and updated details of Varmilo.
- **ZhiHaiHe Marketing(ShenZhen) Co.,Ltd**
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- **Yutang Street, Guangming Dis trict, Shenzhen, China**

## Documents / Resources



**[VARMILO VA100 Mechanical Keyboard](#)** [pdf] User Manual  
VA100, 2BDPP-VA100, VA100 Mechanical Keyboard, Keyboard, VA100 Keyboard, Mechanical Keyboard

## References

- [Varmilo Official Website](#)
- [User Manual](#)

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