

# VARMILO VD108 Mechanical Keyboard User Guide

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# VARMILO

VARMILO VD108 Mechanical Keyboard



## Product Information

**Product Name:** VarmiloViaarmilo

**Model:** INSTVD 80 100 110 G -6

**Manufacturer:** ShenZhen ZhiHaiHe Tech Co.,Ltd

## Contact Information:

- Telephone: +86-755-2648 4009
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## Product Usage Instructions

### 1. Daily Maintenance:

**To clean the keyboard, follow these steps:**

1. Use a key puller to remove the keycaps.
2. Turn the keyboard upside down and gently pat the back to remove any impurities.
3. Brush off any impurity and dust that are adhered to the keys.
4. If there are any residuals, use a clean cloth with some alcohol to wipe them off.
5. Dry the keyboard in a cool and ventilated place.

**Note:** To avoid damage to the USB port, do not frequently plug, unplug, drag or bend the keyboard cable, especially for keyboards with separate cable and keys.

**Bluetooth Mode:**

To boot the keyboard in Bluetooth mode:

1. Follow the device's connection instructions.

**To power off the keyboard in Bluetooth mode:**

1. Follow the device's power off instructions.

**Other Functions:**

The keyboard has special functions accessible through the following multi-media keys:

- Music player
- Email
- Calculator
- My PC

**Note:** For troubleshooting, please refer to the Varmilo Product Troubleshooting on their website or contact a Varmilo sales representative.

**Warranty Information:**

Varmilo provides after-sales service in accordance with the laws of the People's Republic of China. The warranty conditions are as follows:

1. Free warranty period is one year.
2. Damage caused by man-made factors, natural disasters, or exceeding the warranty period is not covered under free warranty.
3. Consumables and gift accessories are not covered under free warranty.
4. Paid maintenance service is available for products no longer under free warranty.

Please visit the Varmilo website or contact the Varmilo sales representative for more information.

**Preface**

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

By keyboard artist Varmilo

**Product Feature**

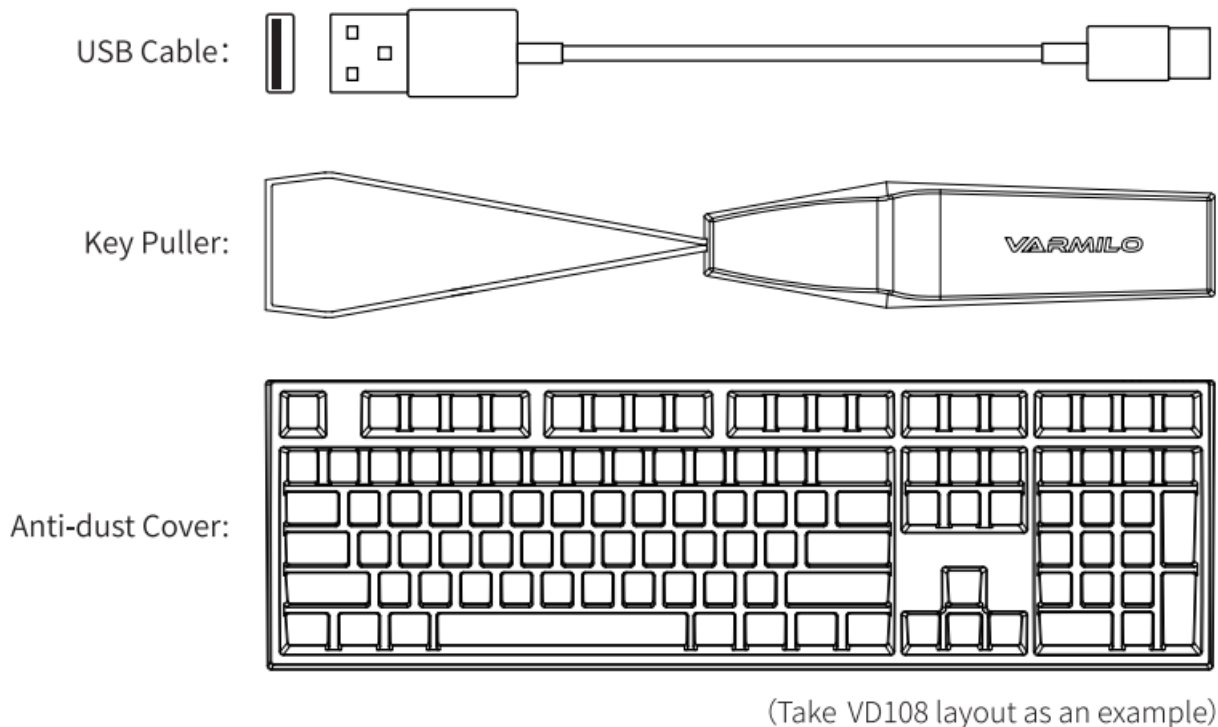
The new series of Varmilo mechanical keyboards use high quality mechanical switches and Varmilo's own EC switches to guarantee the stable internal structures and tactility

**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 impurity, and brush off the impurity 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, especially for a keyboard with separate cable and keys.

### Standard accessories list



### Bluetooth mode boot

- Press FN+Insert for 3 seconds to switch on the keyboard (If 1,2,3 flashing, then the keyboard has been turned on)

### Device connection

- After switching on the keyboard, you need to search the keyboard on your PC. The keyboard shows as "Varmilo VD-1" (Varmilo VD-2 for F2 Channel and Varmilo VD-3 for F3 Channel)
- The first time for the keyboard to pair with your device needs to enter a code. After you entered the code, you can press the 'Enter' key to confirm the connection. If the keyboard connected successfully with your device, the LED of 1 key will keep on and keyboard information is saved. (2 and 3 channel would be the same)
- Memory function: If you used to connected with a device successfully, the keyboard will connect with the last device connected directly after turning on. (Bluetooth launch for 5 minutes. If there is no device connection within this period, the keyboard will automatically come to sleep state)

### Bluetooth mode power off

- Under the Bluetooth mode, press Fn+Insert button for 3 seconds to power off the keyboard .
- Once the bluetooth is disconnected, the keyboard will automatically switched to wired mode when plug in the USB Cable

## Bluetooth mode to Wired mode

- Under the state of the Bluetooth mode, press the Fn+Delete key to switch to wired mode, and the less of 1, 2 and 3 keys are off.

## Device Swapping

- Press FN+Delete to connect the device latest paired, if it hasn't connected to the device, then it would go to the 'pair mode'
- You can press FN+F1, FN+F2, FN+F3 to swap to the corresponding channel. If the channel have not connected to any device before, then the LED would flash and swap to the 'pair mode'.
- Under wired mode, if you pull out the USB cable, then the keyboard would swap to wireless mode automatically and connected to the latest device.

## Power saving mode

- 5 minutes sleep without operation: Press Fn+Key '1' for 5 seconds till CapsLock flash for 3 times.
- 30 minutes sleep without operation: Press Fn+Key '2' for 5 seconds till CapsLock flash for 3 times.
- Press Fn+Key '3' for 5 seconds till CapsLock flash for 3 times, will keep the keyboard awake.

## Re-paired

- You can press FN+F1/F2/F3 for 5 seconds(the corresponding channel) to stop the connect with your device, and the keyboard will swap to the pair mode and could be connected to new devices.

## Low-battery reminder

- If the ESC key flashes, that means the keyboard is in low battery, and it need to be charged as soon as possible.

## Charging tips

- The LED of (~`) keeps on when the keyboard is charging. And the LED of (~`) key will turn off when the keyboard is fully charged. (The keyboard will be charged automatically under wired mode.)

## System Compatibility

- Compatible with Windows 8, Windows 10, Mac OS under wireless mode Mac's own shortcut keys excluded ( built-in or external bluetooth4.0 and above)

## Multi-media functions

- Varmilo mechanical keyboards are featured with rich multi-media functions. To enable a multi-media function, press Fn and the key corresponding to the function.

Key Combinations	Mode Name	Key Combinations	Mode Name
F <sup>n</sup> + ⏮	Last song	F <sup>n</sup> + 🔊	Mute
F <sup>n</sup> + ⏸	Pause/Play	F <sup>n</sup> + 🔊	Volume -
F <sup>n</sup> + ⏭	Next song	F <sup>n</sup> + 🔊	Volume +

### One key reset

- Pressing F<sup>n</sup>+Esc for more than 5 seconds, the CapsLock light flashes for three times, the keyboard will restore to default settings.

### Other functions

- F<sup>n</sup>+ Right Ctrl: Application Key.
- F<sup>n</sup>+Win: Enable/Disable Win key.
- F<sup>n</sup>+left Win (more than 3 seconds), CapsLock flashes three times, F<sup>n</sup> and left Win key swapped.
- F<sup>n</sup>+left Ctrl (more than 3 seconds), CapsLock flashes three times, Capslock and left Ctrl key swapped.
- The keyboard is 6 key rollover under wireless mode. And it's also 6 key rollover under wired mode in the default settings, you can press F<sup>n</sup>+S for 5 seconds till CapsLock flash for 3 times, to swap it to NKRO.

### Multi-Media Keys

#### 110% Size Special Functions



Music player



Email



Calculator



My PC

### Warranty card

- Dear users,thank you for great trust and support to Varmilo.In order to protect your legal rights and offer the best service,our company provides you with the after-sales service strictly in accordance with the laws of People's Republic of China.
- The purchased product will be no longer under free warranty with the following conditions:
  - a:Exceed 1 year warranty period.
  - b:Damage caused by man-made(self-demolition,water splash,ash contamination,input current and voltage inappropriate)
  - c:Natural disasters(such as floods,fire,rodents)However,you will still be entitled to the paid maintenance service provided by Varmilo.
- Consumables(such as the foot pad,anti-skid stickers,ect.)and gifts accessories are not under free warranty.
- Please refer to the Varmilo Product Troubleshooting at <http://www.varmilo.com> or contact Varmilo sales representative before you request repair and replacement service.If the mentioned solutions can not solve your problem,you can deliver the product or accessory to an authorized dealer or Varmilo for testing.We will provide you with relevant services as soon as possible.Before submitting the product or accessories,please be sure to remove the non-standard parts and the customized parts in advance to avoid any lost or damage,such as:customized keycap, accessories from other manufactures,private logo and so on.

5. Varmilo reserves the right of final interpretation and ownership of this manual. Please pay close attention to subsequent product update. Thank you!

Model No.		Serial No.		Manufacturing Date	
Name		Tel.No.		Purchasing Date	
Add					
Problem Description:					



Official Website



Weibo



WeChat



Instagram



Twitter

Scan the QR code for more detailed and updated news of Varmilo.

## Attention

- 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, and (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, pursuant to 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 in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.
- Suppose this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on. In that case, 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 receiver.
- Connect the equipment into 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 general RF exposure statement.  
The device can be used in portable exposure condition without restriction

**FCC ID:** 2AF8O-VED108

**Warning:** Changes or modifications to this unit not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment

## Documents / Resources

	<p><a href="#">VARMiLO VD108 Mechanical Keyboard</a> [pdf] User Guide VED108, 2AF8O-VED108, 2AF8OVED108, 80, 100, 110, VD108 Mechanical Keyboard, Mechanical Keyboard, Keyboard</p>
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## References

-  [Varmilo Mechanical Keyboard](#)
-  [Varmilo Mechanical Keyboard](#)