



**VARMILO**

**阿米洛机械键盘**

Varmilo Mechanical Keyboard

## 前言

Varmilo音译即为“阿米洛”，取自世界语“Via”“armilo”。寓意：为您定制的专属装备。阿米洛在保证优良做工的同时，希望能够满足顾客的个性化定制需求。此外阿米洛也坚持在有限的键盘空间内进行创作，试图让用户的桌面更加丰富多彩。

——键盘艺术家·阿米洛

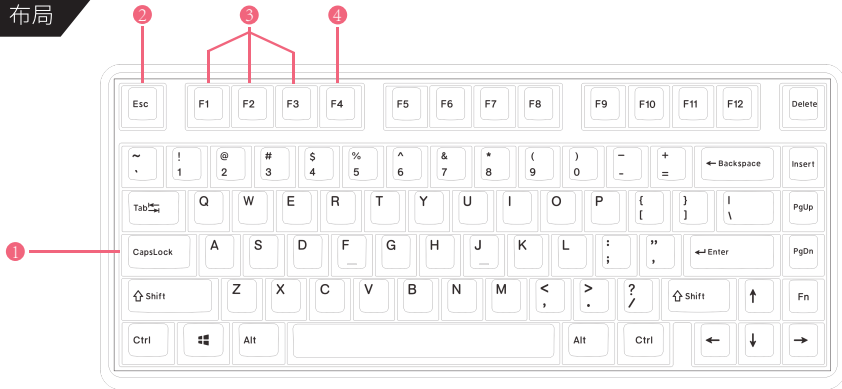
## 产品特征

全新系列的阿米洛机械键盘均采用阿米洛静电容机械轴或高品质品牌机械轴体，具有稳定的内部结构与触感。

## 日常保养

先用拔键器拔掉键帽，然后倒置键盘，轻轻拍打键盘背面，将残渣倒出。再用毛刷清理键盘上粘附的残渣、灰尘。若还有残留，用干净的抹布蘸酒精进行擦拭，直到干净为止。然后放至阴凉通风处，晾干。使用过程中，请勿频繁拔插、拉扯、弯折键盘线，尤其是线键分离的键盘，容易造成键盘插口处松动或脱落。

## 布局



## 注意事项

- 蓝牙设备必须为蓝牙5.0或者以上
- 所有与Fn键组合的操作，必须是先按Fn不松手，再按组合的功能键执行功能；按键释放不分先后

## 指示灯说明

- ① Caps Lock 指示灯：大写时亮白灯，小写时灯熄灭。
- ② ESC指示灯：指示灯亮红色表示正在充电，指示灯亮绿色表示充电完毕，指示灯闪烁表示需尽快充电。  
(插入数据线后会自动充电，提示灯会从灯效模式切换到提示灯模式，提示灯模式持续八秒后切换回灯效模式,灯效模式下可通过Fn+Alt按键组合查看充电指示灯。)
- ③ 蓝牙指示灯：F1、F2、F3 键指示灯对应通道灯闪烁表示等待配对，连接成功后熄灭。
- ④ 2.4G指示灯：通道灯闪烁表示等待配对，连接成功后熄灭。
  - 通过Fn+右Alt的按键组合切换查看指示灯和背光灯。
  - 进入按键宏录制层时，Caps指示灯会持续闪烁。按键录制的过程3个指示灯快速持续的闪烁。
  - 进入灯光录制模式后，Caps指示灯会持续闪烁。

## 有线, 蓝牙, 2.4G切换



- 通过三档开关来切换模式:有线-蓝牙-2.4G
- 在蓝牙模式下，按Fn + F1、F2、F3切换至1、2、3频道的蓝牙设备进行连接使用

## 蓝牙模式连接操作

- 三档开关拨到蓝牙模式下, 切换成蓝牙模式, 然后在需要连接的设备端搜索蓝牙键盘, 设备搜索到的蓝牙键盘名称为“Varmilo VS-1/2/3”蓝牙广播时间为5分钟。
- 第一次配对需要在键盘上输入密码, 并按Enter进行确认。配对成功后, F1键灯常亮, 保存蓝牙设备。

## 蓝牙模式重新匹配操作

- 长按5秒Fn+F1/F2/F3键(分别对应1、2、3频道), 断开当前蓝牙设备连接, 相应键位灯闪烁, 重新进入配对模式, 等待跟新的蓝牙设备进行连接。

## 2.4G配对操作

- 三档开关拨到2.4G模式下, 切换成2.4G模式, 然后长按FN+F4(5秒), 给2.4G接收器匹配, 匹配时F4指示灯快闪, 连接之后F4指示灯常亮。
- 在2.4G模式下, 未连接到接收器时F4指示慢闪。 注: 原装接收器出厂时已配对, 无需再操作。

## 键盘关机

- 三档开关拨到有线模式下, 切换成有线模式, 拔掉数据线后键盘关机。

## 灯光效果

- 灯效切换:Fn+ (F5/F6), 切换当前灯效下的下一个/上一个灯效模式。
- 颜色切换:Fn+ (+键/-键), 切换当前灯效下的下一个/上一个颜色。
- 灯效速度:Fn键+ 方向左/右键, 降低/提高当前RGB灯效的动态速度。
- 灯效亮度:Fn键+ 方向下/上键, 降低/提高当前RGB灯效的灯效亮度。
- 背光关闭:Fn+X 键, 开启/关闭键盘背光。
- Logo背光灯亮度:Fn键+ Alt + 方向下/上键, 降低/提高Logo背光灯的灯效亮度。

## 灯光自定义录制说明

1. Fn键+右Alt键+Q/W/E/R键:切换到对应的自定义灯效层, 每一层都可以自定义灯效。
  2. Fn+CapsLock长按3秒:进入灯效自定义模式。(Caps指示灯会慢速闪烁)
  3. 在灯效自定义模式下, 选择你要改灯效的键位, 单击改变灯效颜色, 每次单击都会切换下一个颜色直至循环。
  4. 在灯效设计完成后, Fn键+CapsLock键保存退出灯效自定义模式, 回到灯光录制层。
  5. Fn+CapsLock长按3秒, 保存设置, 退出灯光录制模式。
- 在灯效自定义模式下, 可以长按按Fn键+空格键三秒清空并重新录制灯效。

## 按键宏定义组合键

· Fn键 + Q/W/E/R键:进入对应的按键宏层。

· 录制操作具体步骤:

1、Fn键 + Q/W/E/R键 (进入对应的按键宏层)。

2、Fn键 + Tab键长按3秒直到看见Cpas指示灯闪烁。所有背光灯变为绿色。

3、按下的第一个按键为宏母键,按下宏母键后整个背光灯关闭,宏母键对应的背光为白色,后续按下的宏子键背光灯会闪烁一下白灯。已经录制宏母键也可以重新录制。

4、Fn键 + Tab键:保存本次宏录制,已录制宏的宏母键背光灯变为红色,未退出该宏层的录制,可以按照步骤3反复录制不同的宏。

5、Fn键 + Tab长按3秒,保存退出录制并进入键盘层。

· 按键宏层初始化:按下Fn+Backspace按三秒,初始化当前按键宏层。

· 不可录制宏按键:Fn键和CapsLock键,其余键值都可以录制。

## 按键宏定义组合键示例

· 示例:在 W 按键可录制层将 F1 键作为宏母键保存网址 (www.varmilo.com)



1、Fn键 + w键。



3、按下 F1 键。



2、Fn键+Tab键持续3秒。(进入录制)



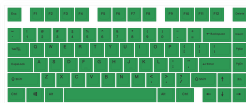
4、依次按下 w键、w键、w键、.键、V键、a键、r键、

m键、i键、l键、o键、.键、c键、o键、m键。

5、Fn键+ Tab键 (保存宏录制)

6、Fn键+ Tab键持续3秒。(保存并退出录制宏模式)

7、按下F1, PC输出www.varmilo.com



## 多媒体功能

| 按键组合    | 按键功能    | 按键组合    | 按键功能        | 按键组合    | 按键功能    | 按键组合   | 按键功能 |
|---------|---------|---------|-------------|---------|---------|--------|------|
| Fn + F  | 音乐      | Fn + G  | 邮件          | Fn + H  | 计算器     | Fn + J | 我的电脑 |
| Fn + F7 | 上一曲     | Fn + F9 | 下一曲         | Fn + F8 | 播放/暂停   |        |      |
| Fn + 11 | 音量减小    | Fn + 12 | 音量加大        | Fn + 10 | 静音      |        |      |
| Fn + L  | PSC/SRQ | FN + :  | Scroll Lock | FN + “  | PUS/BRK |        |      |
| FN+《    | Home    | FN+》    | End         |         |         |        |      |

## 全键与六键无冲切换

- 有线模式下，键盘默认全键无冲。有线模式下，组合键Fn+S，长按3秒，Caps指示灯闪三下，切换为六键无冲。
- 蓝牙模式默认6键无冲。

## 省电模式

- 有线模式：同步电脑状态睡眠/唤醒。
- 蓝牙模式, 2.4G模式：默认不使用时30分钟后键盘进入睡眠模式, 按任意键可唤醒。
- Fn+1, 长按3秒, Caps灯指示灯闪三下, 设置键盘不使用5分钟后进入省电模式, 需按空格键唤醒。
- Fn+2, 长按3秒, Caps灯指示灯闪三下, 设置键盘不使用30分钟后进入省电模式, 需按空格键唤醒。
- Fn+3, 长按3秒, Caps灯指示灯闪三下, 设置键盘不进入省电模式。

## 初始化操作

- 键值初始化：Fn+D+Backspace, Caps指示灯闪三下, 键盘键值出厂设置。
- 灯效初始化：Fn+D+Enter, Caps指示灯闪三下, 键盘灯效出厂设置。
- 出厂初始化：Fn+D长按3秒, CapsLock指示灯闪三下, 键值灯效恢复出厂设置。

## 其他功能

- Fn + Win键, 锁定/开启Win
- Fn+左Ctrl, 长按3秒, Caps指示灯闪三下, CapsLock和左Ctrl功能调换。

## Preface

Varmilp 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

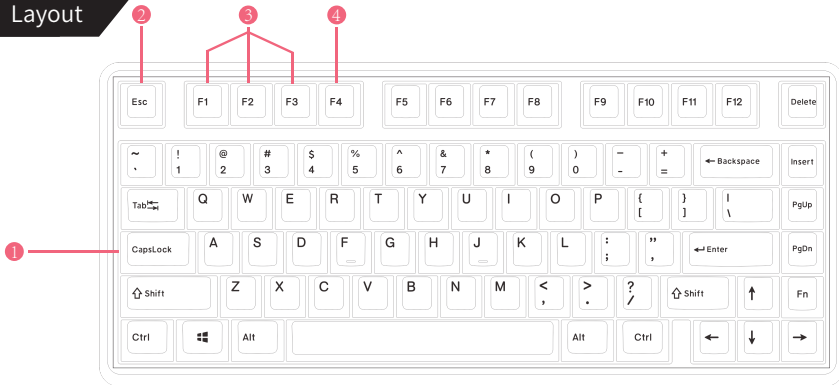
## Product Feature

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.

## Layout



## Notes

- The device must be equipped with or connected to Bluetooth 5.0 and above.
- All operations combined with the Fn key must be executed by holding the Fn key down first, and then press the function key; the order of releasing the keys doesn't matter.

## Indicator Light

- 1 Caps Lock indicator light: Lights up for uppercase, lights off for lowercase.
  - 2 Esc indicator light: Lights up red during charging, lights up green when charging is finished.
  - 3 Light flashes when the battery is running out.
  - 4 Bluetooth indicator light: Channel lights of F 1, F2, and F3 flash when waiting for pairing. Lights off after successful pairing.
- 2.4G indicator light: Channel lights flash when waiting for pairing. Lights off after successful pairing.
- Press Fn+ right Alt to switch between indicator light and backlight.
  - Caps Lock indicator light flashes continuously when entering the macro recording layer.
- Three indicators flash rapidly and continuously during the macro recording process.
- Three indicator lights flash continuously when entering the light effect macro layer for recording.

## Mode Switch (Wired/ Bluetooth/2.4G)



- Switch modes with a three-position switch: Wired - Bluetooth - 2.4G
- In Bluetooth mode, press Fn +F1, F2, F3 to switch to channel 1, 2 and 3 respectively for Bluetooth device connection.

## Bluetooth Connection Instruction

- Switch the three-position switch to Bluetooth mode, and then search for Bluetooth keyboard (Varmilo VS-1/2/3) in your device. The advertising interval is 5 minutes.
- The first time of pairing requires password. Then press Enter to confirm the connection. After the successful pairing, F1 will light up and the Bluetooth device will be saved.

## Bluetooth Re-connection Instruction

- Press and hold down Fn + F1/F2/F3(for Channel 1, 2 and 3 respectively) for 5s to disconnect the current Bluetooth device. The corresponding indicator light will flash and the keyboard will swap to the pair mode and could be connected to new devices

## 2.4G Connection Instruction

- Switch the three-position switch to 2.4G mode, and press and hold down FN+F4 for 5s to connect the 2.4G receiver. In paring process, F4 indicator light flashes rapidly. When connected, F4 will light up.
- In 2.4G mode, F4 flashes slowly when the keyboard fails to match the receiver.

Note: The original receiver is paired at factory setting, no further operation is required.

## Turn off the Keyboard

- Switch the three-position switch to wired mode. Plug out the USB cable and the keyboard will turn off.

## Light custom setting instruction

1. Fn + right Alt+ Q/W/E/R : Switch to the corresponding custom light effect layer, and custom light effect is available in each layer.
2. Fn+ Caps Lock: Hold down for 3s to enter the custom light effect mode.(Caps Lock indicator light flashes slowly)
3. In the custom light effect mode, select and click the key you want to set, and each click leads to a color switch.
4. When the light effect setting is completed, press Fn + Caps Lock to save the effect and exit custom light effect mode and return back to the keyboard layer
5. Fn+Caps Lock: Hold down for 3s to save the setting and exit light setting mode.
  - Under custom light effect mode, press hold Fn+Space for 3 seconds to delete all light effects and reset.

## Lighting effects

- Adjust light effects: press Fn + F5 to switch to the previous light effect or Fn + F6 to the next.
- Adjust light color: Press FN+ - to switch to the next color. Press FN + + back to the last color.
- Adjust light speed: press Fn + ← to slow down the light effect or Fn + → to increase it.
- Adjust brightness: press Fn + ↑ to increase the brightness of the keyboard backlight gradually or Fn + ↓ to decrease it.
- Turn on/off the light: press Fn + X to turn on/off the backlighting.
- Logo backlight brightness: press FN + Alt + ↑ to increase brightness, FN + Alt + ↓ to decrease.

## Macro definition key combination

- Fn + Q/W/E/R : Enter the corresponding key macro layer.
- Specific steps for recording operation:
  1. Press Fn + Q/W/E/R to enter the corresponding key macro layer.
  2. Hold down Fn + Tab for 3s until the Caps Lock flashes and all backlights become green.
  3. The first key pressed is the macro parent key, and when it is pressed the full keyboard backlight turns off. The corresponding backlight of the macro parent key is white, and the backlight of the subsequent pressed macro subkey will flash once. Re-recording is available for the macro parent key.
  4. Press Fn + Tab to save this macro recording data and the backlight of recorded macro parent key will become red. You can stay on the macro layer and repeat Step 3 to record different macro data.
  5. Hold down Fn+Tab for 3s to save the recording data and return back to keyboard layer.
- Key macro layer initialization: Press Fn+Backspace for 3s to initialize the current key macro layer.
- All keys( except Fn and Caps Lock)support macro recording function.

## Example for macro definition key combination

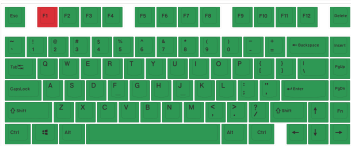
· Eg: Press F1 as a macro parent key in the W recordable layer to save URL--- [www.varmilo.com](http://www.varmilo.com).



1、Press: Fn + w



3、Press: F1



2、Fn+ Tab: Hold down for 3s (Enter recording mode.)



4、Press: w、w、w、.、v、a、r、m、i、l、o、.、c、o、m、o



5、Fn+ Tab: Save the macro recording data.

6、Fn+ Tab: Hold down for 3s to save the data and exit the macro recording mode.

7、Press F1: The PC outputs [www.varmilo.com](http://www.varmilo.com).

## Fn Function

| Key Combination | Function | Key Combination | Function    | Key Combination | Function   |
|-----------------|----------|-----------------|-------------|-----------------|------------|
| Fn + L          | PSC/SRQ  | FN + :          | Scroll Lock | FN + “          | PUS/BRK    |
| Fn + F7         | Previous | Fn + F9         | Next        | Fn + F8         | Play/Pause |
| Fn + 11         | Volume+  | Fn + 12         | Volume-     | Fn + 10         | Mute       |
| Fn + F          | Music    | Fn + G          | Email       | Fn + H          | Calculator |
| Fn+J            | Computer | Fn+《            | Home        | Fn+》            | End        |

## Switch between N-key rollover and 6-key rollover

- In wired mode, the keyboard is N-key rollover at default setting. Press FN+S for 3s until Caps Lock flashes for 3 times to swap it into 6-key rollover.
- In Bluetooth mode, the keyboard is 6-key rollover at default setting

## Power Saving Mode

- Wired mode: Same with computer status--sleep/wake.
- Bluetooth mode/2.4G mode: The keyboard will enter sleep mode in 30 minutes if no key press is detected. Any press on any key can wake the keyboard.
- Press and hold down Fn + 1 for 3s, Caps Lock indicator will flash for three times. Then the keyboard will enter power saving mode in 5 minutes if no key press is detected. You can press the space bar to wake the keyboard.
- Press and hold down Fn + 2 for 3s, Caps Lock indicator will flash for three times. Then the keyboard will enter power saving mode in 30 minutes if no key press is detected. You can press the space bar to wake the keyboard.
- Press and hold down Fn + 3 for three seconds, Caps Lock indicator will flash for three times. Then the keyboard will not enter power saving mode.

## Initialization Operati

- Key initialization: Press Fn+D+Backspace, Caps Lock indicator flash three times, and the keyboard will be reset to original factory setting.
- Light effect initialization: Press Fn+D, Caps Lock indicator flash three times, and the light effect will be reset to original factory setting.
- Factory Reset: Press and hold down Fn + D for 3s, Caps Lock indicator will flash for three times, and key setting and light effect will be reset to original factory setting.

## Other Function

- Fn + Win: Lock and unlock Win
- Fn + Left Ctrl: Hold down for 3s until Caps Lock indicator will flash for three times to swap the function of CapsLock and Left Ctrl.

## 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.

## Attention

- 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 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: 2AF80-VXT81

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



Official Website



Weibo



WeChat



Instagram



Twitter

扫码即可了解有关阿米洛产品的最新信息。

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



**VARMILO**

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