



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

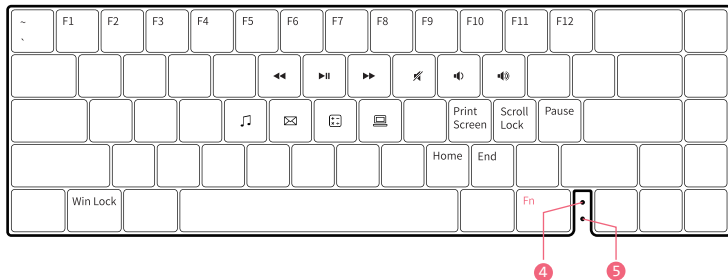
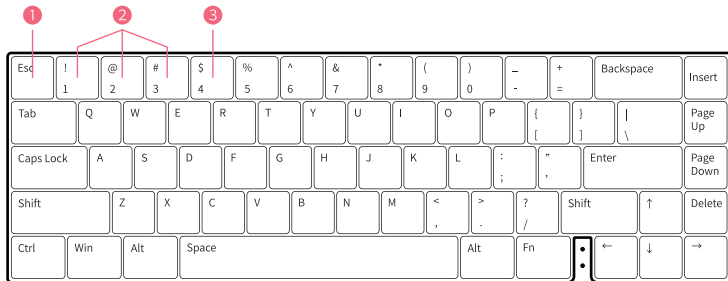
产品特征

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



指示灯说明

- ① 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成提示灯模式，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。)
- ② 蓝牙频道指示灯（数字行 1、2、3 键指示灯）：对应通道灯闪烁表示等待配对，连接成功后熄灭。
- ③ 2.4G指示灯；通道灯闪烁表示等待配对，连接成功后熄灭。
- ④ Caps Lock 指示灯：大写时亮白灯，小写时灯熄灭。
- ⑤ F 行指示灯：切换 F 行功能时亮白灯，切换数字行（默认）功能时灯熄灭。
 - Fn+右Alt，进入查看蓝牙/2.4G状态指示灯。1蓝牙通道1，2蓝牙通道2，3蓝牙通道3
(搜索时闪烁，连接时常亮，仅查看模式下)。
 - 4为2.4G通道指示（未连接时慢闪，对码时快闪，连接后常亮，仅查看模式下）。此处指示灯均亮白色。
 - 充电时 Esc 指示灯常亮，充满电时 Esc 指示灯熄灭。F行指示灯闪烁提示键盘电量低，需要尽快充电。
 - 可随时通过Fn+右Alt的按键组合切换查看指示灯和背光灯
 - Fn + PgDn 切换成F行功能，F行指示灯亮白灯，Fn + PgUp 切换成数字行功能，F行指示灯熄灭。

蓝牙和2.4G开关机

- Fn+Insert键长按3秒键盘开机，当键盘在查看指示灯状态层，此次1或2或3或4键灯亮则代表已开机。
- Fn+Delete键长按3秒，键盘所有灯熄灭，表示关机。
- 模式记忆：在1,2,3,4通道下关机，开机后则为关机前的通道。

设备连接

蓝牙匹配操作:

- 开机以后，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频道搜索到的名称为Varmilo VS-2,3频道搜索到的名称为Varmilo VS-3），蓝牙广播时间为5分钟。
- Fn+Q/W/E键长按5秒（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:

- 2.4G模式下FN+R长按5秒为2.4G对码4指示灯快闪，连接之后4指示灯常亮。
- 2.4G模式未连接接收器时4指示慢闪。

有线，蓝牙，2.4G模式切换操作

- 在插入USB数据线后，按Fn + Delete可在蓝牙模式和有线模式间切换。
- 在蓝牙，2.4G模式下，插入数据线，键盘自动转为有线模式，此时数字 1/ 2/ 3 键指示灯灭。
- 在有线状态下，按下Fn + Delete，切换到蓝牙或者2.4G状态，与上一次配对的蓝牙或2.4G设备连接使用（键盘第一次开机切换到无线模式默认为蓝牙1模式(出厂默认模式)，之后就是根据前一次的记忆）。
- 在有线模式下，按Fn + Q、W、E、R(2.4G)可快速切换至数字1、2、3频道的蓝牙设备或者4频道的2.4G进行连接使用；若频道中未连接过蓝牙设备，则自动进入查看指示灯状态层，蓝牙指示灯（1、2、3）或者2.4G指示灯4闪烁，进入配对模式。

省电模式

- 键盘默认不使用时30分钟后键盘进入睡眠模式，按任意键可唤醒。
- Fn+ALT+1，长按3秒，Capslock灯闪三下，设置键盘不使用时5分钟后进入省电模式。
- Fn+ALT+2，长按3秒，Capslock灯闪三下，设置键盘不使用时30分钟后进入省电模式。
- Fn+ALT+3，长按3秒，Capslock灯闪三下，设置键盘不进入省电模式。

更改按键及按键宏录制操作说明

键盘最多支持四组按键设定。

- 1、按FN + 右Alt + A/S/D/F：进入第1/2/3/4组按键宏定义。此时A/S/D/F 键指示灯闪烁；
- 2、Fn + Tab 长按 3 秒开始录制，此时Capslock指示灯慢速闪烁；
- 3、按下想要录制的按键，此时该键会亮起，Capslock指示灯会快速闪烁。
- 4、输入想要设定的按键功能；
- 5、按下Fn+Tab，结束当前按键录制，并可继续选择录制该组中的其他按键；
- 6、Fn + Tab 长按 3 秒结束录制。

录制过程中：

- 按Fn + Backspace，查看/关闭当前按键宏定义组指示灯（A/S/D/F键），
- Fn + Backspace长按 3 秒，重置当前按键宏定义组的宏定义内容。

更改按键及按键宏录制操作示例



1. 按FN + 右Alt + A/S/D/F: 进入第1/2/3/4组按键宏定义。此时Q/W/E/R键指示灯闪烁;



2. Fn + Tab 长按 3 秒开始录制, 此时Capslock指示灯慢速闪烁;



3. 按下想要录制的按键, 此时该键会亮起, Capslock指示灯会快速闪烁。



4. 输入想要设定的按键功能;



5. 按下Fn+Tab, 结束当前按键录制, 并可继续选择录制该组中的其他按键;



6. Fn + Tab 长按 3 秒结束录制。



• 按Fn + Backspace, 查看/关闭当前按键宏定义组指示灯 (A/S/D/F键),



• Fn + Backspace长按 3 秒, 重置当前按键宏定义组的宏定义内容。

灯光录制功能

键盘最多支持四组自定义灯效。

- 1、按FN + 右Alt + Q/W/E/R：进入第1/2/3/4组自定义灯效。此时Q/W/E/R键指示灯闪烁；
- 2、Fn + Capslock 长按 3 秒开始录制，此时Capslock指示灯慢速闪烁；
- 3、依次设置需要点亮的按键，多次按下同一按键可改变该键的灯光颜色；
- 4、按Fn + Capslock 结束该组自定义灯效录制。此后可按组合键进入其他组自定义灯效继续录制，或进入第5步；
- 5、Fn + Capslock 长按 3 秒结束灯光录制。

录制过程中：

- 按Fn + 空格，查看/关闭当前自定义灯效组指示灯（Q/W/E/R键）
- Fn + 空格长按 3 秒，重置当前自定义灯效组的灯效。

灯光录制功能示例



1、按FN + 右Alt + Q/W/E/R: 进入第1/2/3/4组自定义灯效。此时Q/W/E/R键指示灯闪烁;



2、Fn + Capslock 长按 3 秒开始录制, 此时 Capslock 指示灯慢速闪烁;



3、依次设置需要点亮的按键, 多次按下同一按键可改变该键的灯光颜色;



4、按Fn + Capslock 结束该组自定义灯效录制。此后可按组合键进入其他组自定义灯效继续录制, 或进入第5步;



5、Fn + Capslock 长按 3 秒结束灯光录制。



• 按Fn + 空格, 查看/关闭当前自定义灯效组指示灯 (Q/W/E/R键)



• Fn + 空格长按 3 秒, 重置当前自定义灯效组的灯效。

灯光效果

灯光效果切换:

- 按住FN +] 切换下一个灯效, 按住FN + [返回上一个灯效
- 按住FN + ↑ 灯效亮度增加, 按住FN + ↓ 灯效亮度减小

按住FN + → 灯效速度加快 按住FN + ← 灯效速度减慢

(当灯效达到最高档位或者最低档位指示灯会闪动提示, 所有模式均有5档灯光亮度等级, 除常亮模式外均有6档可调灯光速度))

按住FN + X 打开或关闭灯效

- 按住FN + Alt + Page DOWN 切换下一个灯效颜色 按住FN + Alt + Page UP 返回上一个灯效颜色
- Logo背光灯亮度: FN + Alt + ↑ 背光灯亮度增加, FN + Alt + ↓ 背光灯亮度减小
- 指示灯亮度: FN + Alt + ← 指示灯亮度增加, FN + Alt + → 指示灯亮度减小

(Logo背光灯和指示灯亮度等级皆是6档可调)

灯光效果切换示例



• 按住FN +] 切换下一个灯效

按住FN + [返回上一个灯效



• 按住FN + ↑ 灯效亮度增加

按住FN + ↓ 灯效亮度减小



• 按住FN + Alt + Page DOWN

切换下一个灯效颜色

• 按住FN + Alt + Page UP

返回上一个灯效颜色



• 按住FN + X 打开或关闭灯效

Fn层功能

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 + T	上一曲	Fn + U	下一曲	Fn + Y	播放/暂停		
Fn + I	静音	Fn + O	音量减小	Fn + P	音量加大		
Fn + L	PSC/SRQ	FN + ;	Scroll Lock	FN + ”	PUS/BRK		
FN+《	Home	FN+》	End	Shift + Esc	~	Fn + Esc	`

恢复出厂设置

- 恢复键值：Fn + D + Backspace, CapsLock指示灯闪三下，键盘键值恢复出厂设置。
- 恢复出厂：Fn + D长按3秒, CapsLock指示灯闪三下，键值、灯效、蓝牙连接记录都恢复出厂设置。
- 灯效恢复：Fn + D + Enter, CapsLock指示灯闪三下，键盘灯效出厂设置。

全键与六键无冲切换

- 有线键盘默认全键无冲，有线状态下，Fn+S，长按3秒，CapsLock指示灯闪三下，切换为六键无冲。
- 蓝牙状态默认6键无冲。

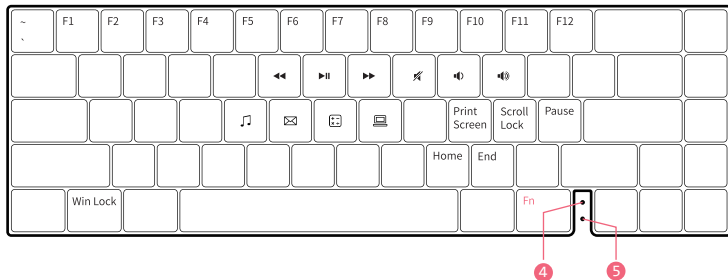
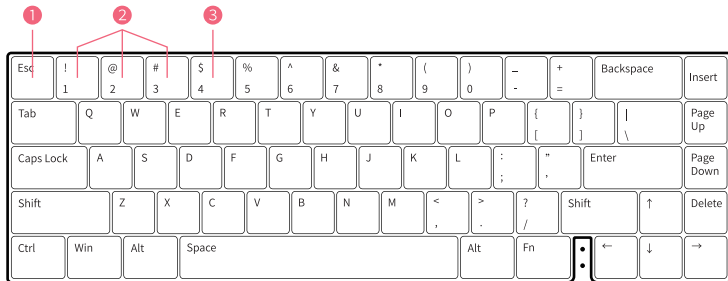
其他功能

- Fn + Win键锁定/解锁Win键
- Fn + 左Ctrl键，长按3秒，CapsLock指示灯闪三下，CapsLock和左Ctrl键功能调换。
- Fn + Capslock，长按3秒，即可将功能调换回来。

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

Layout



Indicator Lights

- 1 Esc Indicator: The light will be normally on while charging, off after fully charged.
- 2 Bluetooth Indicators: The corresponding key blinks when waiting for pairing.
(Number Keys 1,2, and 3)
Lights off when successfully connected.
- 3 2.4G Indicator: The indicator blinks when waiting for pairing. Lights off when successfully connected.
- 4 Caps Lock Indicator: Lights on in white for upper case, lights off for lower case.
- 5 F Row Indicator: Lights on in white when switch to F row. Lights off when switch to the default numeral row.

- Press Fn+ the right Alt to check the Bluetooth or 2.4G Indicators. Number keys 1, 2 and 3 corresponding to Bluetooth channel 1,2, and 3.

(In this mode, the indicator will blink in white when searching, hold on when connected.)

Number key 4 indicates the 2.4G channel.

(Slowly blinks when unconnected, rapidly blinks when pairing, and keeps on when connected.)

- The Esc indicator will be normally on while charging, off after fully charged. The F row indicator will blink when the battery is low.

- • Press Fn + PgDn to switch to F-row functions, the F-row indicator light turning white; press Fn + PgUp to switch to numeric-row functions, the F-row indicator light turned off.

Turn on/off the Bluetooth and 2.4G

- Hold Fn+Insert for 3s to turn on the keyboard. One of the indicators of channel 1,2,3, and 4 will be normally on when in the statue of checking indicators.
- Hold Fn+Delete for 3s to turn off the keyboard and all lights off.
- Memory Function: Turn off the keyboard under channel 1,2,3 or 4, the channel will remain the same.

Device Connection

Bluetooth Pairing:

- Search for Bluetooth Keyboard on your device and the Bluetooth launcher lasts for 5 minutes. The name of the keyboard is shown as " Varmilo VS-1" , "Varmilo VS-2" or "Varmilo VS-3" .
- Hold Fn+Q/W/E (corresponding to channel 1,2 and 3) for 5s to disconnect. the indicator of number key 1/2/3 will blink slowly and enter pairing mode again.

2.4G pairing:

- Under 2.4G mode, hold Fn+R for 5s to connect to 2.4G channel, the indicator of number 4 will blink rapidly. Light will be normally on when successfully connected.
- The indicator of number 4 will blink slowly when the 2.4G adapter is unconnected.

Switch Between Wired, Bluetooth and 2.4G

- As the USB cable is connected, press Fn+Delete to switch between Bluetooth, 2.4G and wired mode.
- Under Bluetooth or 2.4G mode, plug the cable, the keyboard will automatically switch to wired mode and the indicator of number 1,2,3 and 4 will turn off.
- Under wired mode, press Fn+Delete to switch to Bluetooth or 2.4G mode and connect to the last paired Bluetooth or 2.4G device.

(When you first use the keyboard and switch to wireless mode, the default mode is Bluetooth channel 1.)

- Under wired mode, press Fn+Q/W/E/R(2.4G) to switch to Bluetooth or 2.4G mode. If no other devices connected before, indicator of number 1,2,3 and 4 will blink to enter pairing mode.

Power Saving

- The keyboard will enter the default sleep mode in 30 minutes if no key press is detected. Press any key to wake up.
- Hold Fn+Alt+1 for 3s, the CapsLock key will blink for 3 times. The keyboard will enter power saving mode in 5 minutes if no key press is detected.
- Hold Fn+Alt+2 for 3s, the CapsLock key will blink for 3 times. The keyboard will enter power saving mode in 30 minutes if no key press is detected.
- Hold Fn+Alt+3 for 3s, the CapsLock key will blink for 3 times. The keyboard will not enter power saving mode.

Key Macro

The keyboard supports up to 4 sets of key macros.

1. Press Fn + the right Alt + A/S/D/F to enter set 1/2/3/4 key macro. The indicator of A/S/D/F will blink;
2. Hold Fn + Tab for 3s to start recording. The indicator of CapsLock will blink slowly;
3. Press the key you want to record, the key will lights on and the indicator of CapsLock will blink rapidly;
(Press the same key again to cancel the recording.)
4. Enter the key function you want to set;
5. Press Fn + Tab to finish the current key recording, and continue to choose to record other keys in the group;
6. Hold Fn + Tab for 3s to finish the recording.

During Recording:

- Press Fn + Backspace to turn on/off the current key macro indicator lights(/W/S/D/F)
- Hold Fn + Space for 3s to reset the current key macro set.

Key Macro switch example



1. Press Fn + the right Alt + A/S/D/F to enter set 1/2/3/4 key macro. The indicator of A/S/D/F will blink;



4. Enter the key function you want to set;



2. Hold Fn + Tab for 3s to start recording. The indicator of CapsLock will blink slowly;



5. Press Fn + Tab to finish the current key recording, and continue to choose to record other keys in the group;



3. Press the key you want to record, the key will lights on and the indicator of CapsLock will blink rapidly;
(Press the same key again to cancel the recording.)



6. Hold Fn + Tab for 3s to finish the recording.



- Press Fn + Backspace to turn on/off the current key macro indicator lights(A/S/D/F)



- Hold Fn + Backspace for 3s to reset the current key macro set.

Customize Light Effects

The keyboard supports up to 4 sets of customized light effects.

1. Press Fn + the right Alt + Q/W/E/R to enter set Q/W/E/R customized light effects.

The indicator of Q/W/E/R will blink;

2. Hold Fn + CapsLock for 3s to start recording. The indicator of CapsLock will blink slowly;

3. Set the keys to be lit in sequence, and press the same key to change the light color of the key;

4. Press Fn + CapsLock to finish the current light recording. Use Step 1 to choose to record other sets of customized light effects;

Hold Fn + Capslock for 3s to finish the recording.

During Recording:

- Press Fn + Space to turn on/off the indicator lights of current customized light effects set.(1/2/3/4).
- Hold Fn + Space for 3s to reset the current customized light effects set.

Customize Light Effects switch example



1. Press Fn + the right Alt + Q/W/E/R to enter set Q/W/E/R customized light effects. The indicator of Q/W/E/R will blink;



2. Hold Fn + CapsLock for 3s to start recording. The indicator of CapsLock will blink slowly;



3. Set the keys to be lit in sequence, and press the same key to change the light color of the key;



4. Press Fn + CapsLock to finish the current light recording. Use Step 1 to choose to record other sets of customized light effects;



5. Hold Fn + Capslock for 3s to finish the recording.



- Press Fn + Space to turn on/off the indicator lights of current customized light effects set.(1/2/3/4).



- Hold Fn + Space for 3s to reset the current customized light effects set.

Light Effects

Light Effects:

- Press FN+] to switch to the next light effect.

Press FN+ [back to the last light effect.

- Press FN+ ↑ or FN+ ↓ to adjust the brightness of light effects.
- Press FN+ ← or FN+ → to adjust the speed of light effects.

(The indicator will blink when the light effect reaches the highest or lowest level.

The level of brightness can be adjust from 1 to 5 and the speed can be adjust from 1 to 6 except Always Lit mode.)

- Press FN+X to turn on/off the light effects.
- Press FN+Alt+PgDn to switch to the next color. Press FN+Alt+PgUp back to the last color.
- Logo backlight brightness: press FN + Alt + ↑ to increase brightness, FN + Alt + ↓ to decrease.
- Indicator light brightness: press FN + Alt + ← to increase brightness, FN + Alt + → to decrease.

(The Logo backlight and indicator light brightness are both adjustable in 6 levels)

Lighting effect switch example



- Press **FN+]** to switch to the next light effect.
- Press **FN+[** back to the last light effect.



- Press **FN+↑** or **FN+↓** to adjust the brightness of light effects.



- Press **FN+Alt+PgDn** to switch to the next color.
- Press **FN+Alt+PgUp** back to the last color.



- Press **FN+X** to turn on/off the lighting effects.



Fn Function

Key Combination	Function	Key Combination	Function	Key Combination	Function	Key Combination	Function
Fn + F	Music	Fn + G	Email	Fn + H	Calculator	Fn + J	PC
Fn + T	Last Song	Fn + U	Next Song	Fn + Y	Play/Pause		
Fn + I	Mute	Fn + O	Volume -	Fn + P	Volume +		
Fn + L	PSC/SRQ	FN + ;	Scroll Lock	FN + ”	PUS/BRK		
FN+⟨	Home	FN+⟩	End	Shift + Esc	~	Fn + Esc	`

Reset

- **Key Settings:** Press Fn + D + Backspace, the indicator of CapsLock will blink for 3 times and all key settings will be reset to original manufacturer settings.
- **Factory Reset:** Hold Fn + D for 3s, the indicator of CapsLock will blink for 3 times and the keyboard will all be factory reset.
- **Light Effects:** Press Fn + D + Enter, the indicator of CapsLock will blink for 3 times and the light effects will be reset.

Switch Between NKRO and 6KRO

- Under wired mode, the default mode is NKRO. Hold Fn + S for 3s, the indicator of CapsLock will blink for 3 times to switch to 6KRO.
- Under Bluetooth mode, the default mode is 6KRO.

Other Functions

- Press Fn + Win to lock/unlock Win key.
- Hold Fn + the left Ctrl for 3s, the CapsLock key will blink for 3 times and the function between Fn and the left Ctrl will be swapped.
- Hold Fn + Capslock for 3s to swap back.

Attention

- The Bluetooth device should be at least 5.0.
- Hold Fn first, then press other combination keys to complete an operation including Fn key. The release can be in no particular order.

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: XXXXXXXX

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



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Keyboard
artist



The logo for VARMILO, featuring the word in a bold, italicized, sans-serif font. The background of the entire page is a complex geometric pattern of overlapping triangles in various shades of gray and black, creating a faceted, crystalline effect. A dashed white border frames the central white content area.

VARMILO

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