



VGN S99 Mechanical Keyboard User Manual

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VGN S99 Mechanical Keyboard



Specifications

- Indicator light: Long indicator, CAPS indicator, Num indicator, WIN indicator
- WIN key: Option key in MAC mode
- ALT key: Command key in MAC mode
- Windows/MAC mode switching: FN + A (Windows mode), FN + S (MAC mode)
- 2.4G wireless connection
- Bluetooth connection
- Wired connection
- Power management: Power check, Low battery alert, Charging method, Sleep function
- FN combination key for multimedia shortcuts

Product Usage Instructions

2.4G Wireless Connection

1. Remove the receiver from the housing slot by pressing the housing slot cover sheet.
2. Plug the receiver into your computer's USB port.
3. Turn the mode switch on the bottom to 2.4G.

Bluetooth Connection

1. Turn the mode switch on the bottom to Bluetooth mode.
2. Long press FN + number keys 1, 2 or 3 to start pairing. The long indicator light will flash during pairing.
3. Up to 3 devices can be paired. Press the FN + number keys 1, 2 or 3 to switch between devices.

Wired Connection

1. Plug the USB-C cable into the port of the keyboard.
2. Connect the cable to the computer.
3. Turn the mode switch from the bottom to the middle.

Power Check

The power level can be checked by pressing FN + right CTRL. The power percentage will be displayed on the long indicator.

- 100% – 40% power: bright green, green proportion represents the remaining power.
- 40% – 20% power: bright yellow, and yellow represent the remaining power.
- Less than 20% power: bright red, red proportion represents the remaining power.

Low Battery Alert

The bar indicator light will flash red when the battery is low.

Charging Method

In any mode, connecting the keyboard to the computer through the equipped data cable will charge the keyboard. While connected, press FN + right CTRL to view the charging status on the long indicator light. A green streamer indicates that it is charging, and a constant green light of the light bar indicates that it is full.

Sleep Function

In Bluetooth and 2.4G mode, the keyboard enters first-level sleep after 3 minutes of inactivity, and the backlight is turned off. After 10 minutes of inactivity, it enters second-level sleep, and Bluetooth/2.4G is disconnected. Press any key to immediately reconnect.

FN combination key

Multimedia shortcut key combination				
FN	Windows system		MAC system	Remarks
	ESC	Long press for 3 seconds to restore factory settings		
	F1	My computer		Mac Single Press F1
	F2	Home page		Mac Single Press F2
	F3	Calculator		Mac Single Press F3
	F4	Player		Mac Single Press F4
	F5	Last song		Mac Single Press F5
	F6	Next song		Mac Single Press F6
	F7	Pause/Play		Mac Single Press F7
	F8	Stop		Mac Single Press F8

F9	Mute	Mac Single Press F9
F10	Volume reduction	Mac Single Press F10

F11	Volume up	Mac Single Press F11
F12	Email	Mac Single Press F12
A	Switch to Windows mode	
S	Switch to MAC mode, see the button description for the function.	
Left WIN	Lock the WIN key, the WIN key cannot be used when locked	WIN key white light indication
Right CTRL	Check battery	
1	Switch to Bluetooth Device 1 and long press Pair	Long indicator light flashing blue
2	Switch to Bluetooth Device 2 and long press Pair	Long indicator light flashing purple
3	Switch to Bluetooth device 3 and long press Pair	Long indicator light flashing cyan

	4	Long press to pair 2.4G receiver	Long bar light flashing green
Lighting efficiency control			
FN	DEL	Turn off/turn on backlight (with memory)	
	INS	Switch backlight effect	
	←	Backlight direction switching	
	→	Quickly adjust the seven-color backlight	
	↑	Improved backlight brightness	
	↓	Backlight brightness reduction	
	=+	Backlight speed increase	
	- _	Backlight speed reduction	
	SPACE	Backlight color switching	Enter the color switching state, and all keys display different colors; after pressing a button color again, switch to the corresponding color, and the space bar

			is colorful RGB color
	HOME	Switch bar indicator light effect	
	\	Long indicator color switch	
	PGDN	Bar indicator brightness reduced	
	PGUP	Bar indicator brightness increased	
	[{	Strip indicator speed reduced	
	}}	Bar indicator speed increased	

Multimedia Shortcut Key Combination (Windows System)

- ESC: No specific function
- F1: My computer
- F2: Home page
- F3: Calculator
- F4: Player's Last song
- F5: Player Next song
- F6: Pause/Play
- F7: Stop
- F8: Mute
- F9: Volume reduction

Multimedia Shortcut Key Combination (MAC System)

- Long press F1 for 3 seconds to restore factory settings
- Mac Single Press F1: Remarks Mac Single Press F1
- Mac Single Press F2: Home page
- Mac Single Press F3: Calculator
- Mac Single Press F4: Player Last song
- Mac Single Press F5: Player Next song
- Mac Single Press F6: Pause/Play
- Mac Single Press F7: Stop

- Mac Single Press F8: Mute
- Mac Single Press F9: Volume reduction

Button description

- Indicator light:
 - Long indicator: Switchable display of light efficiency and power; low power and connection status prompts
 - CAPS indicator: Case-sensitive, always on when in uppercase.
 - Num indicator: Distinguish the locked state of the number keys, and always on when it is on.
 - WIN indicator: distinguish the locked state of the WIN key, the WIN key is always on when it is locked, and the WIN key cannot be used at this time.
- WIN key: WIN key, cannot be used when locking the WIN key, and is the option key in MAC mode.
- ALT key: ALT key, Command key in MAC mode
- Windows/MAC mode
 - FN + A Switch to Windows mode
 - FN + S switch to MAC mode, F1-F12 buttons are multimedia buttons, FN + F1-F12 are regular inputs of F1-F12
 - when connecting to the Windows system, if switching to MAC mode, the WIN and ALT keys will be swapped, and F1-F12 are the multimedia keys

Lighting effect

- Light customization function
- Press FN + ~ to invoke custom backlighting, only one set of custom memory lights is supported.
- Custom light editing: After pressing Fn + ~ to call the custom backlight, press Fn + ~ again to start editing the light; at this time, the NUM CAPS light starts to blink, directly press the button to be defined, change a colour with each click, and edit Press Fn + ~ again to save the edited light.

Long indicator light effect

The battery can be checked by FN + right CTRL. When the device is paired, the long indicator flashes quickly, and when connected back, the long indicator flashes slowly (2.4G green/BT1 blue/BT2 purple/BT3 cyan). After the pairing is successful, the normal lighting effect will be restored.

Mode	Brightness	Speed	Color switching
Streamer	✓	✓	✓
Neon		✓	
Always bright	✓		✓
Breathe	✓	✓	✓
Turn off the lights			

Button backlight RGB light effect

Name	Adjustable content	Description
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	Brightness	Speed	Color	Direction	
Always bright	✓		✓		Full keyboard light is always on display
Go with the flow	✓	✓	✓	✓	Wave-like light, flowing horizontally to the left or right
Judgment of Light	✓	✓			Full keyboard light solid color display, and slowly change color
Breathe	✓	✓	✓		The brightness of the full keyboard light varies according to the breathing curve

Colored clouds flying	✓	✓	✓	✓	The light appears to flow like a cloud and flow horizontally
Peak turn	✓	✓	✓	✓	Lights flow around the center of the keyboard
A ripple	✓	✓	✓		After triggering the button, spread the display around the trigger point
Snow without a trace	✓	✓	✓		After triggering the button, the light comes on and gradually goes out
Run away from the dust	✓	✓	✓		After triggering the button, spread to both sides with the trigger point as the center
A hundred flowers bloom	✓	✓	✓		Button display with colorful or single color flashing display
Undercurrent surging	✓	✓	✓		Random combination of lights, surge changes
Meteors chasing the moon	✓	✓	✓		The lights follow the colorful and gradual change display, chasing each other
Dapeng spreads its wings	✓	✓	✓		The light simulates Dapeng spreading its wings and waving up and down
The stream is endless	✓	✓	✓		The light is interspersed with the surge display from left to right line by line
The rain is falling	✓	✓	✓		The lights simulate rain, falling from top to bottom
Both right and left	✓		✓		The light swings left and right, and the speed increases with the speed of the button
United as one	✓		✓		The color of the light deepens with the speed of the button

Fast passion	✓		✓		The light spreads and closes in the center of the keyboard, and the speed increases with the speed of the keys
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When the WIN key is locked after pressing the FN + WIN key, the WIN key cannot be triggered for use. At this time, the WIN indicator on the keyboard is on, and it can be unlocked after pressing FN + WIN again. F1-F12 does not respond or becomes a function key After pressing FN + S, the keyboard will switch to MAC mode. At this time, under the Windows system, it will appear as the WIN key and the ALT key are swapped, and F1-F12 becomes the function key; press FN + A to switch back to Windows mode. Download the latest driver from VGN.CN/drive official website, you can customize keys, edit macros and modify RGB lighting effects through the driver software, and experience the full keyboard function

Other

Driver download and firmware upgrade, official account QR code

FCC Warning

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

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.

FCC RF Radiation Exposure Statement

1. This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
2. This equipment complies with RF radiation exposure limits set forth for an uncontrolled environment.
3. This equipment should be installed and operated with a minimum distance of 5mm between the radiator and your body

