

User Manual For VGN N75 V2 Wireless Mechanical Keyboard

23 Feb 2026

Tri-mode version

1. Package List

- VGN N75 V2 Keyboard * 1
- USB-C Data Cable * 1
- VGN Customized Switches * 3
- Electronic Instruction Manual * 1
- 2-in-1 switch and keycap puller * 1
- Warranty certificate* 1
- Dust cover* 1

2. Product Parameters

Connection Mode: USB Wired, 2.4G, Bluetooth

Key Count: 80 (Including knob & hot-swappable Insert key)

Product Dimensions: 323.37 x 140.72 x 45.32 mm

Switch Type: Mechanical Switch

Backlight Type: RGB

Memory Function: Supported

Driver Function: Supported in USB Wired & 2.4G modes

Operating Voltage: DC 5V (Wired); 3.7V (Wireless, Li-ion battery)

Charging Voltage: DC 5V

Charging Current: $\leq 700\text{mA}$

System Compatibility:

Win7 / Win8 / Win10 / Win11 / MacOS

Sleep Mode:

When connected via 2.4G wireless or Bluetooth, the keyboard will automatically enter sleep mode after 3 minutes of inactivity. Tap any key to wake up the keyboard.

In wired mode, the keyboard does not enter active sleep; it only enters passive sleep with the computer.

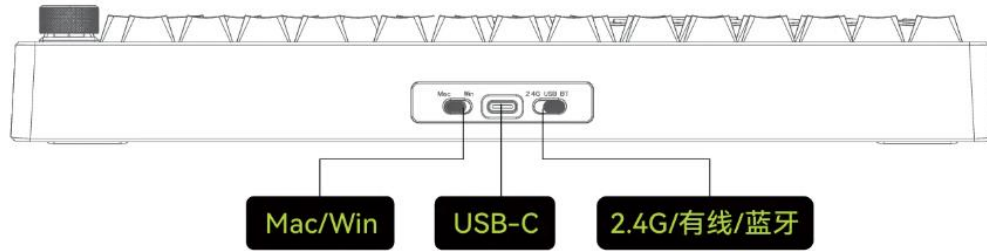
PS: If pairing/reconnection via 2.4G or Bluetooth fails within 30 seconds, the keyboard will automatically enter sleep mode.

Low Battery Indicator:

When the battery voltage drops below the threshold of 3.3V (battery level $\leq 20\%$), the low voltage indicator flashes red slowly until the keyboard enters sleep mode or powers off.

When the voltage drops below 3.1V, the keyboard will power off automatically.

3. Quick Start



System Mode Selection

Please select the corresponding system mode according to your computer OS. Set the system switch to the **Win** position for Windows systems, and to the **Mac** position for Mac systems.

Wired Connection

Open the package, take out the keyboard and data cable. Insert the USB-C end of the cable firmly into the USB-C port on the top of the keyboard, then plug the USB-A end into your computer's USB port. You can now use the basic functions of the keyboard. To access more customizable settings of this mechanical keyboard, please go to the driver software page. Keyboard Device Name: VGN N75 V2

Bluetooth Connection

The keyboard can connect to one Bluetooth device at a time and save pairing information.

Bluetooth Device Names:

VGN N75 V2 BT1 / VGN N75 V2 BT2 / VGN N75 V2 BT3

1. Slide the mode switch to the BT position.
2. Press and hold **FN+W/E/R** for 3 seconds.

The indicator on the W/E/R key will flash white rapidly.

Find VGN N75 V2 BT1 / BT2 / BT3 in your device's Bluetooth list and select to pair.

Once successfully paired, the W/E/R indicator will return to normal lighting.

2.4G Connection

Remove the receiver from the compartment at the bottom of the keyboard and insert it into a USB port on your computer. Slide the mode switch on the keyboard to the **2.4G** position. The keyboard will automatically pair with the receiver, and then it is ready for use.

2.4G Connection Device Name:

VGN N75 V2 2.4G Dongle

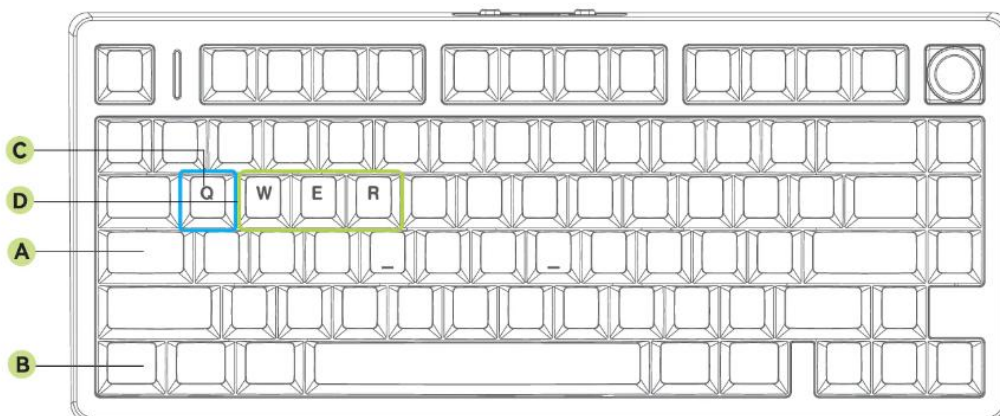
Re-pairing Process:

Press and hold **FN + Q** for 3 seconds. The indicator light under the Q key will flash white rapidly, indicating the keyboard is in 2.4G pairing mode. Re-insert the receiver into a USB port on your computer. Once the connection is successful, the indicator light will automatically return to the normal lighting effect.

Keyboard Shutdown

Slide the mode switch to the middle **USB** position and disconnect the keyboard cable.

4. Indicator lights and mode descriptions



Indicator Lights

A: Caps key indicator:

distinguishes upper and lower case status of keyboard characters, white light on in upper case, off in lower case.

B: Battery indicator:

Low battery: Left Ctrl flashes red when battery is low.

Charging: Left Ctrl stays red while charging, turns green when fully charged.

C: 2.4G pairing: Q key flashes white rapidly (30 seconds pairing)

2.4G reconnection: Q key flashes white slowly (30 seconds reconnection)

D : Bluetooth pairing:

W key flashes white rapidly (Bluetooth Channel 1) (30 seconds pairing)

E key flashes white rapidly (Bluetooth Channel 2) (30 seconds pairing)

R key flashes white rapidly (Bluetooth Channel 3) (30 seconds pairing)

Bluetooth reconnection:

W key flashes white slowly (Bluetooth Channel 1) (30 seconds reconnection)

E key flashes white slowly (Bluetooth Channel 2) (30 seconds reconnection)

R key flashes white slowly (Bluetooth Channel 3) (30 seconds reconnection)

WIN Key/ALT Key

WIN Key: It cannot be used when the WIN key is locked. In the MAC mode, it functions as the option key.

ALT Key: In the MAC mode, it functions as the Command key.

Windows/MAC Modes



5. FN Combination Key Functions

FN Combination Key Function Table

Combination Key	Windows System	Mac System	Description
Fn+Esc	Restore Factory Settings	Restore Factory Settings	(Long press for 3 seconds) Restore to factory default state
Fn+F1	Decrease Screen Brightness	F1 Decrease Screen Brightness	
Fn+F2	Increase Screen Brightness	F2 Increase Screen Brightness	
Fn+F3	Task View	F3 Mission Control	
Fn+F4	My Computer	F4 Launchpad	
Fn+F5	Search	F5 Short press for Search, long press for Siri	
Fn+F6	Screenshot	F6 Screenshot	
Fn+F7	Previous Track	F7 Previous Track	

Fn+F8	Play/Pause	F8 Play/Pause	
Fn+F9	Next Track	F9 Next Track	
Fn+F10	Mute	F10 Mute	
Fn+F11	Decrease Volume	F11 Decrease Volume	
Fn+F12	Increase Volume	F12 Increase Volume	
Fn+Win	Lock Win	None	Win key stays on in white, with power-off memory
Fn+Backspace	Switch Main Backlight Effect	Switch Main Backlight Effect	
Fn+Del	Switch Main Backlight Color	Switch Main Backlight Color	
Fn+\	Turn On/Off Backlight	Turn On/Off Backlight	
Fn+PgUp	Adjust Light Bar Effect Mode	Adjust Light Bar Effect Mode	
Fn+PgDn	Adjust Light Bar Color	Adjust Light Bar Color	

Fn+↑	Increase Main Backlight Brightness	Increase Main Backlight Brightness	5 levels total, factory default 100% brightness (0-25%-50%-75%-100%); the main backlight flashes rapidly in white when at the limit
Fn+↓	Decrease Main Backlight Brightness	Decrease Main Backlight Brightness	5 levels total, factory default 100% brightness (0-25%-50%-75%-100%); the main backlight flashes rapidly in white when at the limit
Fn+→	Increase Main Backlight Speed	Increase Main Backlight Speed	5 levels total; the main backlight flashes rapidly in white when at the limit
Fn+←	Decrease Main Backlight Speed	Decrease Main Backlight Speed	5 levels total; the main backlight flashes rapidly in white when at the limit

Fn+P	Print	Print
Fn+[{	Scroll	Decrease Screen Brightness
Fn+]}	Pause	Increase Screen Brightness
Fn+L	Ins	Ins
Fn+;	Home	Home
Fn+'"	End	End

Backlight turns off,
number keys 1 to 0 light
up to show battery
percentage.

- >50% battery: number keys light up green
- 50%-30% battery: number keys light up yellow
- 30%-10% battery: number keys light up red

Fn+Enter	Battery Query	Battery Query
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Knob	Volume Adjustment	Volume Adjustment	Volume increases clockwise, decreases counterclockwise, and mutes when pressed; the knob is hot-swappable and can be interchanged with the Insert key
Fn+Q	2.4G Mode	2.4G Mode	Effective when the mode switch is set to 2.4G position
Fn+W	Bluetooth Mode 1	Bluetooth Mode 1	Effective when the mode switch is set to BT position
Fn+E	Bluetooth Mode 2	Bluetooth Mode 2	Effective when the mode switch is set to BT position
Fn+R	Bluetooth Mode 3	Bluetooth Mode 3	Effective when the mode switch is set to BT position

6. Lighting effect description

Main Key Area Lighting Effects (Cycle switching starting from the default effect)

Order	Name
1	Steady On Mode
2	Breathing Mode
3	Dreamy Rainbow
4	Instant Trigger
5	Stroll in the Rain
6	Key Ripple
7	Starry Twinkle
8	Endless Flow
9	Flow with the Tide (Default)
10	Shadow Follow
11	Sine Wave
12	Left-Right Scan
13	Spinning Windmill
14	Colorful Waterfall
15	Blossoming Fortune
16	Gaming Mode
17	Off

Light Bar Lighting Effects (Cycle switching in order)

Order	Name
1	Stream (Default)
2	Steady On
3	Breathing
4	Off

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. 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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 5mm between the radiator & your body