

ATK

ATK Z87 PRO Three
Mode Mechanical
Keyboard



ATK Z87 PRO Three Mode Mechanical Keyboard User Manual

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ATK Z87 PRO Three Mode Mechanical Keyboard



Product Information

Specifications:

- Model: ATK Z87 PRO
- Product Code: 13844219
- Minimum Distance Requirement: 5mm between the radiator and the user's body
- Weight: 1.157G
- Dimensions: 114*140mm (radiator), 228*140mm (overall)

Product Usage Instructions

Installation:

1. Ensure the minimum distance of 5mm between the radiator and your body during installation.
2. Place the product in a well-ventilated area for optimal performance.
3. Follow the manufacturer's instructions for mounting or connecting the product to your device.

Operation:

1. Power on the device and ensure proper functionality.
2. Monitor the temperature and performance of the product during operation.
3. Do not block or cover any ventilation openings on the product.

Frequently Asked Questions (FAQ):

1. **Q: What should I do if the product overheats during use?**

A: If the product overheats, immediately power it off and disconnect it from your device. Allow it to cool down before attempting to use it again. Check for any obstructions to the ventilation system and ensure proper airflow around the product.

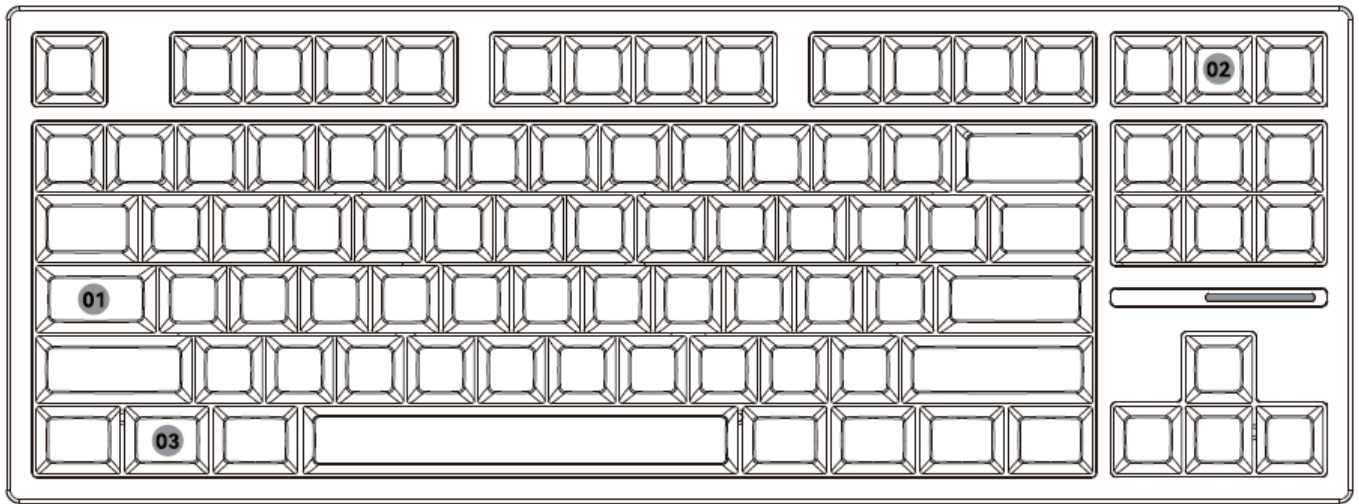
2. **Q: Can I use the product without a radiator?**

A: No, the product should always be used with a radiator as specified in the user manual to prevent overheating and ensure safe operation.

3. **Q: Is it safe to operate the product near water or liquids?**

A: No, the product should be kept away from water or any liquid sources to avoid damage and electrical hazards. Keep the product dry at all times.

KEY DESCRIPTION



Strip Indicator: Displays multiple lighting effects and can be used to check the battery status.



CAPS Lock Indicator : On for uppercase, Off for lowercase.



ScrollLock Indicator: On for disabled Scroll function, Off for enabled Scroll function.



Windows Lock Indicator : On for Windows key locked, Off for normal use.



WIN Key

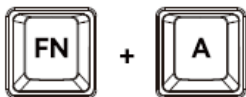
Functions as the Option key in MAC mode.



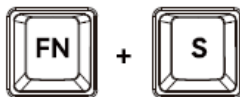
ALT Key

Functions as the Command key in MAC mode.

Windows/ MAC Mode



Switch to Windows Mode



Switch to MAC Mode

Switching to Mac mode while connected to a Windows system.



Swaps the WIN and ALT keys.

QUICK START

2.4GHz Wireless Connection(Tri-mode version)

1. Remove the receiver from the right storage slot

2. Insert the 2.4GHz receiver into a USB port on your computer
3. Set the left mode switch to 2.4G mode

Bluetooth connection (Tri-mode version)

1. Turn the mode switch on the left side to Bluetooth mode Long-press FN + number key 1, 2, or 3 to start pairing. During pairing, the strip indicator light will flash quickly. You can pair up to 3 devices. Press FN + number key 1, 2, or 3 to switch between devices.

Wired Connection

1. Insert the USB-C connection cable into the keyboard's port.
2. Connect the cable to your computer.
3. Flip the mode switch on the left side to the center

POWER MANAGEMENT (TRI-MODE VERSION)

Battery Status Check

To check the battery level, press FN+ right CTRL. The battery percentage will be displayed on the strip indicator .

- Battery level " 90%: 8 light beads light green from left to right.

Battery level<90% >: 80%: 7 light beads turn green from left to right, and the remaining lights turn off.

- Battery level " 70%<80%: From left to right, 6 light beads light up in cyan, and the remaining lights turn off.

Battery level >: 60%<70%: 5 light beads turn cyan from left to right, and the remaining lights turn off.

- Battery level >: 50%<60%: Four light beads from left to right light up orange, and the remaining lights turn off.

Battery level " 40%<50%: Three light beads from left to right light up orange, and the remaining lights turn off.

- Battery level >: 30%<40%: Two light beads from left to right turn red, and the remaining lights turn off.

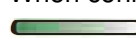
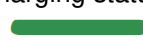
Battery level<30%: The entire light bar flashes red, indicating low battery.

Low Battery Warning

- The Number keys will be flashing red When the battery is low.

Charging Method

In any mode, connecting the keyboard to a computer using the provided data cable will charge the keyboard. When connected via the data cable, you can check the charging status by pressing FN+Right CTRL.

 The green flowing light indicates it's charging  The green light means it's fully charged.

Sleep Mode

In Bluetooth and 2.4GHz modes, the keyboard enters the first level sleep mode after 3 minutes of inactivity, and the backlight turns off.

After 10 minutes of inactivity, it enters the second level sleep mode, and Bluetooth/2.4GHz disconnects. It can immediately reconnect by pressing any key.

FN COMBINATION BUTTON



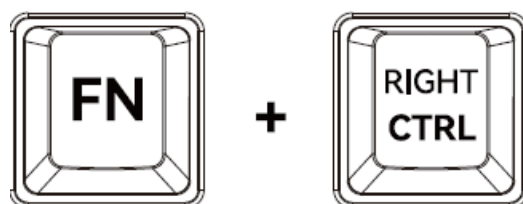
| Multimedia Shortcut Combination Keys | | | |
|--------------------------------------|--|------------------------------|---|
| Key | Windows System | MAC System | Comment |
| F1 | My Computer | Screen Brightness Decrease | |
| F2 | Homepage Screen | Brightness Increase | |
| F3 | Calculator | Console (CTRL+ Arrow key up) | |
| F4 | Open the media player | Search (WIN+F) | |
| F5 | Previous Track | Call out SIRI | |
| F6 | Next Track | Screenshot (win+ shift+4) | |
| F7 | Pause/Play | Previous Track | |
| F8 | Stop | Pause/Play | |
| F9 | Mute | Next Track | |
| F10 | Volume Decrease | Mute | |
| F11 | Volume Increase | Volume Decrease | |
| F12 | Email | Volume Increase | |
| ESC | Long press for 3 seconds to restore factory settings | | |
| A | Switch to Windows mode | | |
| S | Switch to MAC mode | | Switch between WIN and ALT |
| Left WIN | Lock the WIN key | | WIN key lights up in white. |
| Right CTRL | Display charging light effect | | <div> <div></div> <div>It's charging</div> </div> <div> <div></div> <div>It's fully charged.</div> </div> |
| 1 | Switch to Bluetooth Device 1(long-press to pair) | | strip indicator light flashing in blue |
| 2 | Switch to Bluetooth Device 2(long-press to pair) | | strip indicator light flashing in purple |
| 3 | Switch to Bluetooth Device 3(long-press to pair) | | strip indicator light flashing in cyan |
| 4 | Long-press to pair with the 2.4GHz receiver | | strip indicator light flashing in green |



| Lighting Effect Settings | |
|--------------------------|---|
| DEL | Turn on/off keyboard backlight |
| INS | Switch backlighting effects |
| ← | Change backlight lighting direction |
| → | Adjust seven-color backlight |
| ↑ | Increase backlight brightness |
| ↓ | Decrease backlight brightness |
| =+ | Increase backlight speed |
| -_ | Decrease backlight speed |
| HOME | Switch strip indicator lighting effects |
| END | Switch strip indicator light color |
| PGUP | Increase strip indicator light brightness |
| PGDN | Decrease strip indicator light brightness |
| [{ | Decrease strip indicator light speed |
|]} | Increase strip indicator light speed |

LIGHTING DESCRIPTION

Light effect switching

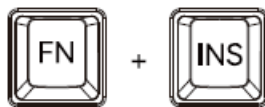


Press FN+INS to activate custom backlighting, supporting only one set of custom memory lighting.

Custom Lighting Editing

After pressing FN+~ to activate custom backlighting, press FN+~ again to start editing the lighting. At this point, the next key to be defined changes the light color with each press of the keyboard. After editing, press FN+- again to save the edited lighting.

Strip Indicator Lighting Effects



Wired mode

Press FN+right CTRL to display the charging light effect

Green light flowing  It's charging




Lighting green steady  It's fully charged.

Wireless mode

When the device is not connected, the strip indicator preferentially indicates the wireless channel. After device connection, press FN+right CTRL to display the charging light effect

Green light flowing  It's charging

Lighting green steady  It's fully charged.

When the device is pairing, the strip indicator flashes quickly. During reconnection, the long strip indicator flashes slowly (2.4GHz in green  BT1 in blue  BT2 in purple  BT3 in cyan ).

After a successful pairing, the normal lighting effects will be restored.

FREQUENTLY ASKED QUESTIONS

Q WHY IS MY WIN KEY NOT WORKING ?

A When the WIN key is locked by pressing FN+WIN, it cannot be triggered for use, and the WIN indicator light on the keyboard will be illuminated. To unlock it, press FN+WIN again.

Q WHY HAVE MY WIN AND ALT KEYS BEEN SWAPPED, AND F1-F12 ARE NOT FUNCTIONING OR HAVE CHANGED TO MULTIMEDIA KEYS?

A After pressing FN+S, the keyboard will switch to MAC mode. In this mode, on a Windows system, the WIN and ALT keys are swapped, and F1-F12 become function keys. To switch back to Windows mode, press FN+A.

Q HOW CAN I CUSTOMIZE KEYS, USE KEYBOARD MACROS, AND MODIFY MORE RGB LIGHTING EFFECTS?

A You can download the latest driver for V HUB from the official website at www.vgnlab.com/pages/vgn-hub. This driver allows you to customize keys, edit macros, and modify RGB lighting effects within V HUB, providing you with the full keyboard functionality experience.

DRIVER DOWNLOAD AND FIRMWARE UPGRADE

VISIT THE VGN OFFICIAL WEBSITE: WWWVGNLAB.COM/PAGESNGN-HUB TO DOWNLOAD THE LATEST DRIVER AND PERFORM FIRMWARE UPGRADES, EXPERIENCING THE FULL KEYBOARD FUNCTIONALITY



FCC Warning

Labeling requirements.

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.

Information to user.

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

Information to the user.

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.

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.

This equipment should be installed and operated with minimum distance 5mm between the radiator and your body.

Documents / Resources

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|  | ATK Z87 PRO Three Mode Mechanical Keyboard [pdf] User Manual Z87 PRO, Z87 PRO Three Mode Mechanical Keyboard, Three Mode Mechanical Keyboard, Mode Mechanical Keyboard, Mechanical Keyboard, Keyboard |
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References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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