

KATANA V2

WIRELESS MECHANICAL KEYBOARD



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Wireless Keyboard ARDOR GAMING Katana V2

User Manual

Dear Customer,

Thank you for your trust!

Our team fully shares your passion for computer games, which is why we put all our efforts into making your gaming experience unforgettable with our accessories for gamers. Wishing you new victories and the brightest impressions ahead!

Intended Use

The keyboard is an input device designed for typing text and issuing commands to the computer.

Safety Precautions

- Do not make any modifications to the device's design.
- To prevent short circuits, do not allow the device to come into contact with any liquids, and do not place open containers of liquid near it.
- Do not expose the device to electromagnetic radiation.
- This device is not intended for commercial use.
- This device is not intended for use by children or persons with reduced physical, sensory, or mental capabilities, unless they are supervised by a person responsible for their safety. Do not allow children to play with the device.

Specifications

- Model: AG-ZD-104AR-CSA-HS-B
- Trademark: ARDOR GAMING
- Power supply: 5 V = 350 mA
- Battery capacity: 3000 mAh
- Battery life: 100 hours
- Keyboard body material: ABS plastic
- Total number of keys: 104
- Keycap material: PBT
- Keycap profile: CSA
- Manufacturing technology: Double injection
- Switches: Linear
- Switch lifespan: Up to 80 million keystrokes
- Wireless 2.4G/Bluetooth Specifications
 - Wireless standard: IEEE 802.15.4
 - Frequency range: 2402–2480 MHz
 - Transmitter power: 0 dBm
- Total travel: 4 mm
- Actuation point: 2 mm
- Actuation force: 45 ± 5 gf
- Keyboard type: Mechanical
- Switch model: ARDOR Plum
- Sound dampening: 4 layers
- Anti-ghosting technology
- RGB backlight with detailed customization via software
- 19 backlight modes
- USB cable: 1.8 m, braided
- Compatibility: Windows
- IP code: IP00
- Keyboard dimensions (W × D × H): 443 × 138 × 40 mm
- Weight: 1411 ± 5 g
- Scope of application: Domestic

Package Contents

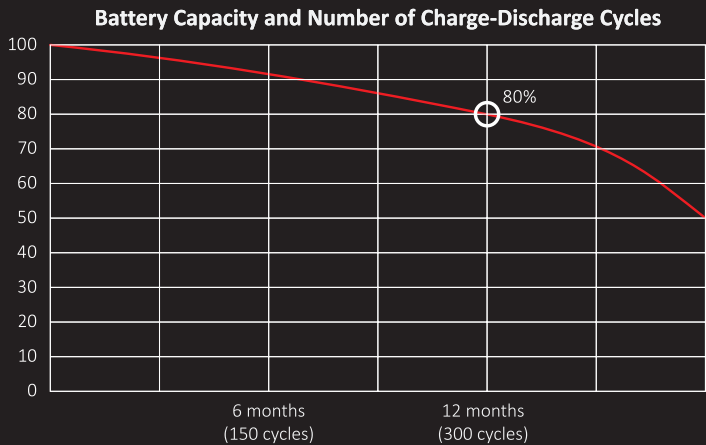
- Device
- USB cable
- 2-in-1 switch and keycap puller
- Extra switches
- Extra keycaps
- Stickers
- User manual

Rechargeable Battery Guidelines (Li-pol/Li-ion)

Dear Customer, please note that this device uses a lithium-based rechargeable battery as its power source. Please carefully read the information below to help extend the life of your battery and prevent undesirable consequences during its operation.

Battery Capacity and Charge-Discharge Cycles

During prolonged storage and use, the rechargeable battery (hereinafter referred to as «the battery») tends to lose its charge and capacity. After 300 charge-discharge cycles (approximately one year of device use), the battery capacity may decrease to 80% of its nominal value. After 400 charge-discharge cycles, the battery capacity may decrease to 60% of its nominal capacity. Partial capacity reduction within these limits and time frames is natural battery wear and is not considered a defect.



Natural Battery Wear

The battery loses charge even when stored separately from the device. The self-discharge rate is approximately 5% per month. Due to their design, batteries are not durable and constantly degrade regardless of whether they are in use. This degradation accelerates at higher temperatures and when the charge level deviates from the «optimal» storage level, which is generally considered to be 40%. In other words, if the battery is not in use, it is advisable to keep the charge level between 40% and 50%.

Use Only the Original Charger

The battery's charge and discharge capability is controlled by its built-in Battery Management System (BMS). Forced «fast charging» modes using external chargers for Li-ion batteries are strictly not recommended, as charge and discharge currents are limited. Li-ion batteries do not have a so-called «memory effect». You can start charging or discharging the battery from any charge level.

Most devices have charge and discharge limits—the controller may prevent the battery charging if, for example, the charge is already above 90%. It will also prevent the battery from fully discharging, protecting the cells from damage. Even if the device is powered by the electrical grids, the Li-ion battery should undergo a full charge/discharge cycle at least once a month (until the «low battery» warning appears). Never let the battery discharge completely. A Li-ion battery degrades quickly if stored in a discharged state for a prolonged period. If this happens, charge it immediately. If the battery remains in a discharged state for two weeks or more, irreversible capacity loss occurs in the cells, which will ultimately lead to battery failure.

Observe the Temperature Requirements

Batteries must be stored in a charged state at temperatures between +15 °C and +35 °C with normal humidity. Batteries do not perform well during prolonged operation in very high (above +40 °C) or very low (below -10 °C) ambient temperatures. Do not leave the battery in direct sunlight.

Do Not Disassemble, Burn, or Use Damaged Batteries

Under no circumstances should you attempt to disassemble the battery or charge its individual cells. For repair or maintenance, please contact an authorized service center.

Puncturing or crushing the cells can cause an internal short circuit, leading to fire and explosion. Melting of lithium due to high temperatures can also cause an explosion. If the seal is broken, water or condensed atmospheric moisture can enter the cell, potentially triggering a reaction that releases hydrogen and causes a fire. You can check the current battery status using the battery indicator, which is available on almost all devices (please check its location and operation method at the time of purchase).

CAUTION

- Be careful — damaged batteries may release harmful substances.
- If the battery is replaceable (removable), and you discover problems with its performance, contact a service center (see the warranty period in the warranty information). If the battery is built-in (an integral part of the device), the warranty applies to the device itself. You should also contact a service center. The sooner you bring a malfunctioning battery in for repair, the more likely it can be restored with minimal cost.
- Battery operating time depends on many other factors, and the actual operating time may differ from the stated value.
- Rechargeable batteries have a limited number of charge cycles and may eventually need replacement (see the limited warranty conditions for the battery in the warranty information). Battery operating time depends on the usage mode and settings.

Operating Instructions

Keyboard Shortcuts

FN + 1	Bluetooth pairing, profile 1	FN + X	Turn the backlight on/off
FN + 2	Bluetooth pairing, profile 2	FN + ↑	Increase backlight brightness
FN + 3	Bluetooth pairing, profile 3	FN + ↓	Decrease backlight brightness
FN + 4	2.4G pairing	FN + ←	Decrease backlight speed
FN + F9	Decrease volume	FN + →	Increase backlight speed
FN + F10	Increase volume	FN + W	Swap WASD keys with arrow keys
FN + F11	Mute	FN + ESC	Press and hold for 3 seconds to reset the keyboard to factory settings
FN + F12	Lock the keyboard	FN + SPACE	Check the keyboard's battery level
FN + ✓	Lock the Windows key	FN + A	Switch to Windows
FN + SL	Switch backlight mode	FN + S	Switch to macOS
FN + HM	Switch backlight color		

Key Abbreviations

- INS: Insert.
- DEL: Delete.
- PU: Page Up.
- PD: Page Down.
- PS: Print Screen.
- SL: Scroll Lock.
- PB: Pause/Break.
- HM: Home.

Connecting the Keyboard in Wired and Wireless Modes



1. Bluetooth mode.
2. Wired mode.
3. 2.4G mode.

Wired Mode

1. Slide the switch on the underside of the keyboard to the middle position.
2. Connect the device to a USB port on your computer using the cable.
3. Wait for the hardware installation wizard on your computer to finish.
4. The device is now ready to use.

Bluetooth Mode

1. Enable Bluetooth on the device you want to connect the keyboard to, and slide the keyboard's switch to the BT position.
2. Find the keyboard listed as "ARDOR_Katana" in the list of available devices and pair with it.

The keyboard supports quick switching between three connected devices.

Enable Bluetooth on your device and slide the switch on the underside of the keyboard to the left (BT):

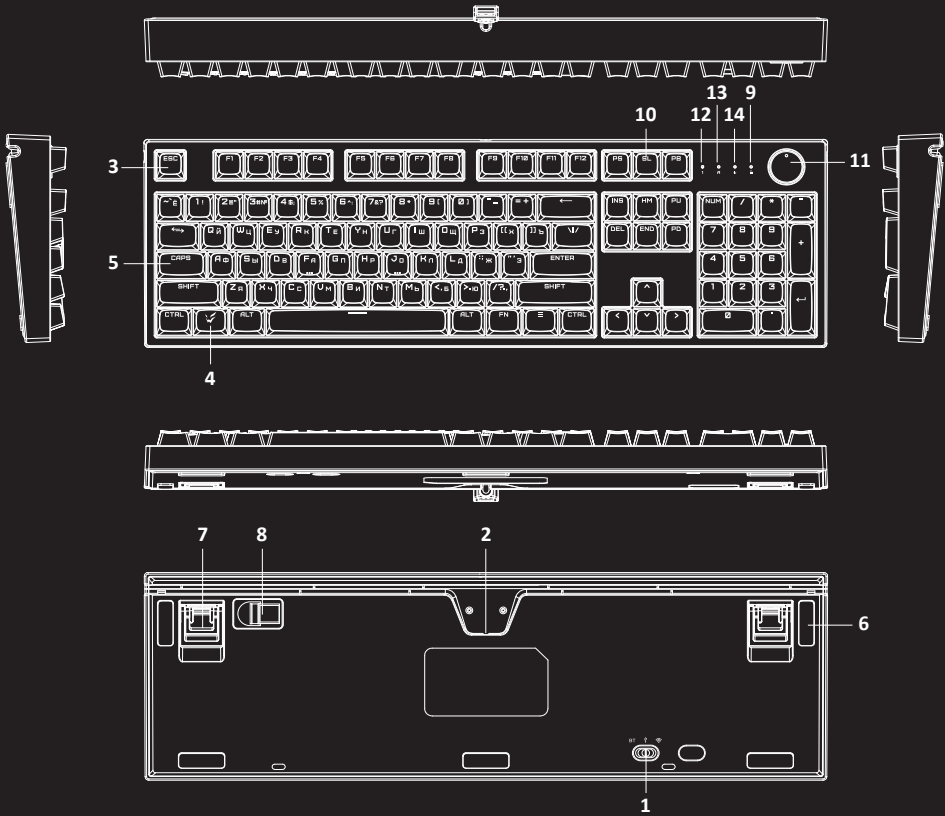
- Press and hold FN + 1 — Uses Bluetooth profile 1.
- Press and hold FN + 2 — Uses Bluetooth profile 2.
- Press and hold FN + 3 — Uses Bluetooth profile 3.

2.4G Mode

1. Connect the included 2.4G receiver to a USB port on your computer, and slide the switch on the underside of the keyboard to the right.
2. Wait for the hardware installation wizard on your computer to finish. Once connected successfully, the 2.4G indicator will light up.
3. The device is now ready to use.

Note: Individual keyboard settings can be adjusted using the software. The software can be downloaded from <https://www.dns-shop.ru/>, on the product page.

Device Diagram



1. Connection mode switch
2. Type-C port
3. Battery charge indicator
4. Win Lock button
5. Caps Lock button
6. Rubber feet
7. Plastic feet
8. Receiver
9. Win Lock indicator
10. Scroll Lock button
11. Volume control
12. Num Lock indicator
13. Caps Lock indicator
14. Scroll Lock indicator

Note: All images and diagrams are provided for reference only and may differ from the actual device.

Rules and Conditions for Installation, Storage, Transportation, Sale (Distribution), and Disposal

- This device requires no assembly or mounting.
- The device must be stored in its original packaging, on heated premises, both at the manufacturer's and at the consumer's sites. The ambient temperature should be between +5 °C and +40 °C, and the relative humidity should not exceed 80% (non-condensing). The storage area must be free from aggressive contaminants (e.g., acid or alkali vapors) that could cause corrosion.
- The device must be transported in a dry place.
- The device requires careful handling. Protect it from exposure to dust, dirt, impact, moisture, fire, and other hazards.
- Sale or distribution of the device must be carried out in accordance with local legislation.
- Upon expiration of the device's service life, it must not be disposed of with unsorted household waste. Instead, it must be taken to an authorized collection point for electrical and electronic equipment for subsequent recycling and disposal in accordance with federal or local legislation. By ensuring proper disposal of this product, you help conserve natural resources and prevent potential harm to the environment and human health that may result from improper handling. For more detailed information about collection and disposal points for this product, please contact your local municipal authorities or your household waste disposal service.
- If a device malfunction is detected, immediately contact an authorized service center or dispose of the device.

Warranty Information

The manufacturer guarantees the device will function properly throughout the warranty period and be free from defects in materials and assembly. The warranty period commences on the date of purchase and applies to new products only. Warranty service includes free repair or replacement of defective parts that fail during the warranty period, provided the failure is not caused by consumer misuse and the product is operated in accordance with the user manual. Repairs or part replacements shall be performed at authorized service centers.

Warranty Period: 24 months

Service Life: 36 months

For the up-to-date list of authorized service centers, please visit: <https://www.dns-shop.ru/service-center/>

Additional Information

Manufacturer: SHENZHEN YUANYICHANG TECHNOLOGY CO., LTD.

2F, Building B, No. 60, Zhuangcun Road, Xiner Community, Xinqiao Street, Baoan District, Shenzhen City, Guangdong Province, China.

Made in China.

The product meets the requirements of the technical regulations of the TR CU (EAEU).

Product specifications, information and appearance are subject to change without prior notice, for quality improvement of our products.

Production date (mm.yyyy): _____ V.1





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