

DELTA

WIRELESS GAMING MOUSE



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Wireless Mouse ARDOR GAMING Delta

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 wireless mouse is a device for controlling the cursor and issuing various commands to the computer.

Safety Precautions

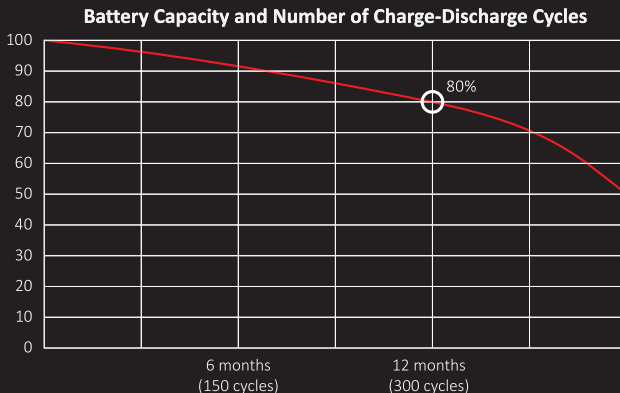
- Do not make any modifications to the device's design.
- To avoid a short circuit, do not expose the device to any liquids, and do not place open containers of liquid near it.
- Do not expose the device to electromagnetic radiation.
- This device is not intended for commercial use.
- This device is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the device.

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 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.

Specifications

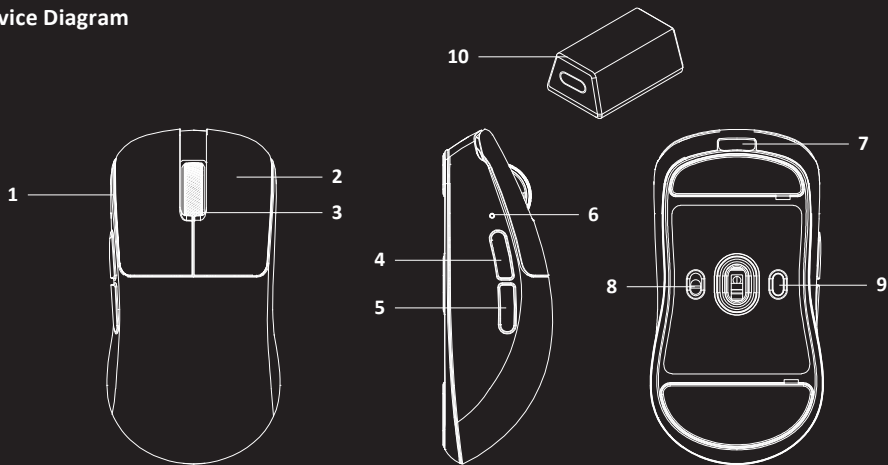
- Model: ARDW-DT3950-BU
- Trademark: ARDOR GAMING
- Mouse type: Wireless / wired
- LED sensor: PAW3950
- DPI modes: 400 / 800 / 1600 / 3200 / 6400 DPI (max. 30000 DPI)
- Max. tracking speed: 750 IPS
- N buttons: 6
- Mouse acceleration: 50 G
- Microcontroller: Nordic 52840
- Encoder: F-Switch
- Battery: Li-ion, 250 mAh
- Battery charging time: Up to 1.5 hours
- Battery life:
 - up to 80 hours (at 125 Hz)
 - up to 20 hours (at 8000 Hz)
- Polling rate: 125 / 250 / 500 / 1000 (default) / 2000 / 4000 / 8000 Hz
- Power supply: 3.7 V = 12 mA
- Switches: Omron optical 70M
- Connection: Type-C, 2.4GHz band
- Cable: Paracord, Type-C, 1.8 m

- Wireless standard: IEEE 802.15.4
- Radio spectrum: 2402–2480 MHz
- Transmit power: 0 dBm
- Material: ABS plastic
- Compatibility: Windows 7 and above
- Dimensions: 118 × 61 × 38 mm
- Weight: 40 ± 3 g
- Scope of application: Domestic

Package Contents

- Device
- Charging cable
- Set of PTFE mouse feet (2 pcs)
- Mouse grips
- 2-in-1 dongle: 2.4GHz receiver, 8K dongle
- User manual

Device Diagram



1. Left mouse button
2. Right mouse button
3. Middle mouse button
4. «Forward» button
5. «Back» button

6. LED indicator
7. USB Type-C
8. Power switch
9. DPI switch
10. 2-in-1 dongle (polling rate booster adapter and 2.4GHz receiver)

Operating Instructions

Connecting the Mouse

Wired Mode

1. Connect one end of the cable to the corresponding port on the mouse, and the other end to a USB port on your computer.
2. If the mouse is in wireless mode and you connect it to the computer using the cable, it will automatically switch to wired mode.

2.4GHz Connection

3. Remove the receiver (2-in-1 dongle) from the package.
4. Connect the dongle to a USB port on your computer.
5. Place the receiver at a distance of no more than 30–50 cm from the mouse. Ensure there are no obstacles between them; otherwise, the connection will be unstable.
6. Turn on the mouse by sliding the power switch to the appropriate position.
7. Wait for the hardware installation wizard to complete on your computer.
8. The mouse is ready to use.

CAUTION

If the mouse does not connect via the 2.4GHz connection, ensure that the dongle is connected to the computer's USB port and the switch on the mouse is set to the «ON» position. If the mouse still does not connect after checking, open the device connection menu, select pairing, and press and hold the left, middle, and right mouse buttons simultaneously for 3 seconds. The indicator on the left side of the mouse will start flashing yellow, and the mouse will connect to the wireless network. If the mouse still does not connect, contact an authorized service center.

Software

1. This mouse comes with software that allows you to customise its settings.
2. You can download the software from the website <https://www.dns-shop.ru/> on the product page.
3. Before starting the software download, ensure that you are downloading it from the correct product page (to do this, enter the alphanumeric model name, which is indicated on the box, in the user manual, or on the back of the mouse).
4. Using the software, you can reassign buttons to your desired commands using macros, as well as change the default button assignments.

Notes

If the software does not detect the mouse: Check if any other software is open on your desktop and close all third-party programs. If more than one mouse is connected to your computer, disconnect the other mouse first.

If there are no open third-party programs and only one mouse is connected: try uninstalling the software, temporarily disable antivirus protection, download the software again following the instructions provided above, and check the mouse connection with the software. If the solution described above does not help, contact technical support.

DPI Settings and Indication

1. DPI modes: 400 / 800 / 1600 / 3200 / 6400.
2. Press the «DPI» switch on the bottom panel of the mouse to sequentially change the DPI mode.
3. The color of the indicator on the left side of the mouse will indicate the current DPI level:
 - 400 DPI: Red.
 - 800 DPI: Blue.
 - 1600 DPI: Green.
 - 3200 DPI: White.
 - 6400 DPI: Yellow.

Note: DPI can also be adjusted using the software; the maximum available DPI value is 30000.

Polling Rate

The polling rate of 125 / 250 / 500 / 1000 / 2000 / 4000 / 8000 Hz can be configured using the software. The default value is 1000 Hz.

Charging

- When the mouse battery is low (charge below 20%), the indicator on the left side of the mouse will start flashing red. Connect the mouse to a power source to charge.
- During charging, the indicator on the left side of the mouse will flash purple. After charging is complete, the indicator will turn solid blue.

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.
- If a device malfunction is detected, immediately contact an authorized service center or dispose of the device.
- 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.

Additional Information

Manufacturer: SHENZHEN YUANYICHANG TECHNOLOGY CO., LTD.

Building B, No.60, Zhuang Village Road, Xiner Industrial Park, Xinqiao Street, Bao'an 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.

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: 24 months.

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

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





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