

# **VAULT**

*GAMING HEADPHONES*



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# Gaming Headphones Vault

## 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

Headphones are a device for personal listening to music, speech, or other audio signals.

## Safety Precautions

- Do not make any modifications to the device's design. This device contains no user-serviceable parts.
- 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.
- To prevent hearing damage, use the headphones only at safe volume levels.
- 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.
- Do not disassemble or attempt to repair the device yourself. Maintenance and repairs should only be performed by qualified technicians at an authorized service center.
- Use only the original charging device.

## Specifications

- Model: Vault, Vault Gold
- Trademark: ARDOR GAMING
- Power supply: 3.7 V – 375 mA
- Frequency range: 20–20000 Hz
- Sensitivity: 93 ± 3 dB
- Speaker power: 10 mW
- Speaker driver size: 53 mm
- Impedance: 64 ± 15% Ω at 1 kHz
- Microphone sensitivity: -42 ± 3 dB
- 2.4GHz band specifications:
  - Wireless standard: IEEE 802.15.1
  - Frequency range: 2400–2480 MHz
  - Transmit power: Up to 100 mW
- Microphone driver size: 6 mm
- Battery: Li-ion, 750 mAh
- Headphone connector: USB Type-C
- Receiver connectors: USB Type-A, USB Type-C
- Cable length: 1.8 m
- Bluetooth version: 5.2; 2.4 GHz
- IP code: IPX0
- Scope of application: Domestic

## Package Contents

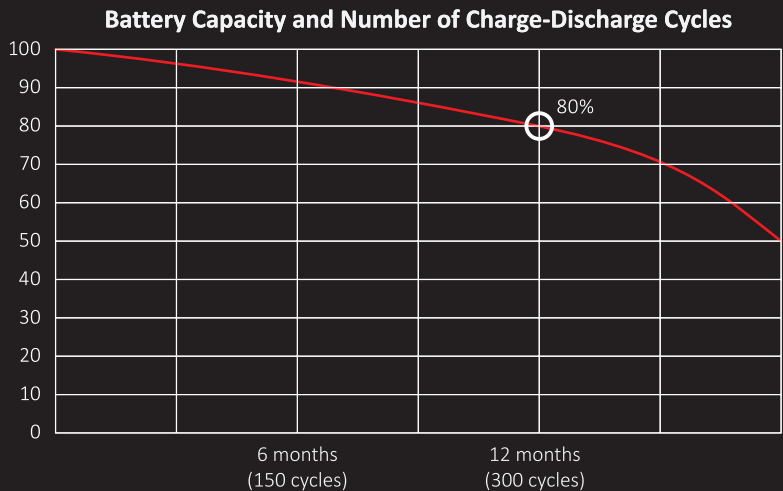
- Headphones
- Receiver
- Detachable microphone
- USB Type-C cable
- Detachable ear cushions
- Storage pouch
- User manual

## 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 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

## Function Buttons

- **⏻ button:** Turns the headphones on/off.
- **⏮ button:** Increases the volume.
- **⏭ button:** Decreases the volume.
- **7.1 button:** Switches connection modes / audio modes.
- **☾☼ button:** Turns the backlight on/off.
- **🎤 button:** Turns the microphone on/off.

## LED Indicator

- **Flashing blue:** Disconnected / Pairing mode.
- **Solid blue:** Device is connected and ready for use.
- **Solid red:** Device is connected via USB cable.
- **Off:** Device is connected, but the microphone is muted.

## Pairing with Devices

### Wired Mode

1. Press and hold the ⏻ button to turn on the headphones. The indicator light will turn on and start flashing slowly. Double-press the 7.1 button to switch the headphones to 2.4G connection mode. You will hear the voice prompt: «Gaming mode».
2. Connect one end of the USB cable (supplied with the device) to the headphones, and the other end to the device you wish to connect to. The indicator light will flash blue and then turn solid red.

**Note:** 2.4G and Bluetooth modes are unavailable during wired connection. If you wish to make a wireless connection, disconnect the USB cable first.

### Button Functions in Wired Mode

| Button | Action                                                     | Voice Prompt                                                          |
|--------|------------------------------------------------------------|-----------------------------------------------------------------------|
| 7.1    | Short-press to switch between 7.1 and 2.0 sound modes      | One beep when 2.0 mode is enabled, two beeps when 7.1 mode is enabled |
| +      | Press to increase the volume                               | The maximum (maximum volume)<br>Short beep (when pressing the button) |
| —      | Press to decrease the volume                               | The minimum (minimum volume)<br>Short beep (when pressing the button) |
| 🎤      | Press to turn the microphone on/off                        | Beep when turning the microphone on/off                               |
| ☾☼     | Press to turn the backlight on/off                         | —                                                                     |
| ⏻      | Press and hold for 3 seconds to turn the headphones on/off | 2.4G mode<br>Gaming mode<br>Power on<br>Power off                     |

## 2.4GHz

1. Press and hold the , button to turn on the headphones. The LED indicator will light up and start flashing slowly. Press the «7.1» button twice to switch the headphones to 2.4GHz connection mode. You will hear a voice prompt: «Gaming mode».
2. Connect the receiver to the device you want to pair the headphones with. The indicator light on the receiver will start flashing blue.
3. Upon successful connection, the indicator light on the headphones will remain solid blue.
4. If the connection fails, press and hold the  button for 3 seconds. Upon successful connection, you will hear the «gaming mode» voice prompt, and the receiver's indicator light will remain solid blue.
5. For subsequent connections, the headphones will connect to the device via the receiver automatically.

### Button Functions in 2.4GHz Mode

| Button                                                                              | Action                                                     | Voice Prompt                                                          |
|-------------------------------------------------------------------------------------|------------------------------------------------------------|-----------------------------------------------------------------------|
| 7.1                                                                                 | Double-press to switch between 2.4GHz and Bluetooth modes  | 2.4GHz mode<br>Gaming mode<br>Bluetooth mode<br>Power on, pairing     |
|                                                                                     | Short-press to switch between 7.1 and 2.0 sound modes      | One beep when 2.0 mode is enabled, two beeps when 7.1 mode is enabled |
| +                                                                                   | Press to increase the volume                               | The maximum (maximum volume)<br>Short beep (when pressing the button) |
| -                                                                                   | Press to decrease the volume                               | The minimum (minimum volume)<br>Short beep (when pressing the button) |
|    | Press to turn the microphone on/off                        | Beep when turning the microphone on/off                               |
|                                                                                     | Press and hold for 3 seconds to pair with a device         | Pairing success<br>Gaming mode<br>Short beep                          |
|   | Press to turn the backlight on/off                         | —                                                                     |
|  | Press and hold for 3 seconds to turn the headphones on/off | 2.4G mode<br>Gaming mode<br>Power on<br>Power off                     |
|                                                                                     | Press once to pause/play music                             | —                                                                     |

Bluetooth Mode

- 1. Press and hold the «», button to turn on the headphones. The indicator light will turn on and start flashing slowly. Double-press the 7.1 button to switch the headphones to Bluetooth pairing mode. You will hear the voice prompts «Bluetooth», «power on», and «pairing».
- 2. Enable Bluetooth on the device you wish to connect to the headphones. Find the headphones named «Vault» in the list of available devices and start pairing.
- 3. After a successful connection, you will hear the voice prompt «connected».

**Note:** Only 2.0 stereo sound mode is available in Bluetooth connection mode.

Button Functions in Bluetooth Mode

| Button                                                                              | Action                                                     | Voice Prompt                                                          |
|-------------------------------------------------------------------------------------|------------------------------------------------------------|-----------------------------------------------------------------------|
| 7.1                                                                                 | Double-press to switch between 2.4G and Bluetooth modes    | 2.4G mode<br>Gaming mode<br>Bluetooth mode<br>Power on, pairing       |
| +                                                                                   | Press to increase the volume                               | The maximum (maximum volume)<br>Short beep (when pressing the button) |
|                                                                                     | Double-press to skip to the next track                     | —                                                                     |
| -                                                                                   | Press to decrease the volume                               | Beep when turning the microphone on/off                               |
|                                                                                     | Double-press to skip to the previous track                 | The minimum (minimum volume)<br>Short beep (when pressing the button) |
|    | Press to turn the microphone on/off                        | Beep when turning the microphone on/off                               |
|                                                                                     | Press and hold for 3 seconds to pair with a device         | Pairing                                                               |
|    | Press to turn the backlight on/off                         | —                                                                     |
|  | Press and hold for 3 seconds to turn the headphones on/off | Bluetooth mode<br>Power on, pairing<br>Power off                      |
|                                                                                     | Press once to pause/play music                             | —                                                                     |
|                                                                                     | Press once to answer/end a call                            | —                                                                     |
|                                                                                     | Double-press to reject a call                              | —                                                                     |



## 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:** 24 months

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

## Additional Information

**Manufacturer:** Dongguan DoDe Electronics Co., Ltd.

No.11 Xiangxing West Road, Huangsi Wei Village, Shijie Town, Dongguan 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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