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## Valve Index 814585022278

# VALVE Steam Deck OLED User Manual

Model: 814585022278

## INTRODUCTION

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The VALVE Steam Deck OLED is a high-performance handheld gaming console designed to bring your Steam library to a portable format. Featuring a vibrant HDR OLED display, extended battery life, and powerful AMD APU, it offers a premium gaming experience on the go. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your device.

## WHAT'S IN THE BOX

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- VALVE Steam Deck OLED Console
- USB-C Charger (Non-US)
- Carrying Case

## SETUP

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### 1. Initial Power On

To power on your Steam Deck OLED for the first time, press and hold the power button located on the top edge of the device until the screen illuminates. The device will guide you through the initial setup process.

### 2. Network Connection

During the initial setup, you will be prompted to connect to a Wi-Fi network. Select your preferred network from the list and enter the password if required. The Steam Deck OLED supports Wi-Fi 6E for fast and stable connections.

### 3. Steam Account Login

Log in with your existing Steam account credentials. If you do not have a Steam account, you can create one directly on the device or via the Steam website.

### 4. Software Updates

The Steam Deck OLED will automatically check for and install any available system updates. Ensure your device is connected to the internet and has sufficient battery charge or is plugged into power during this process.

## 5. Charging the Device

Connect the provided USB-C charger to the USB-C port on the top of the Steam Deck OLED and plug it into a power outlet. The charging indicator light will illuminate. A full charge can take several hours.



*Image: Angled view of the Steam Deck OLED, highlighting its ergonomic design and control layout.*

## OPERATING INSTRUCTIONS

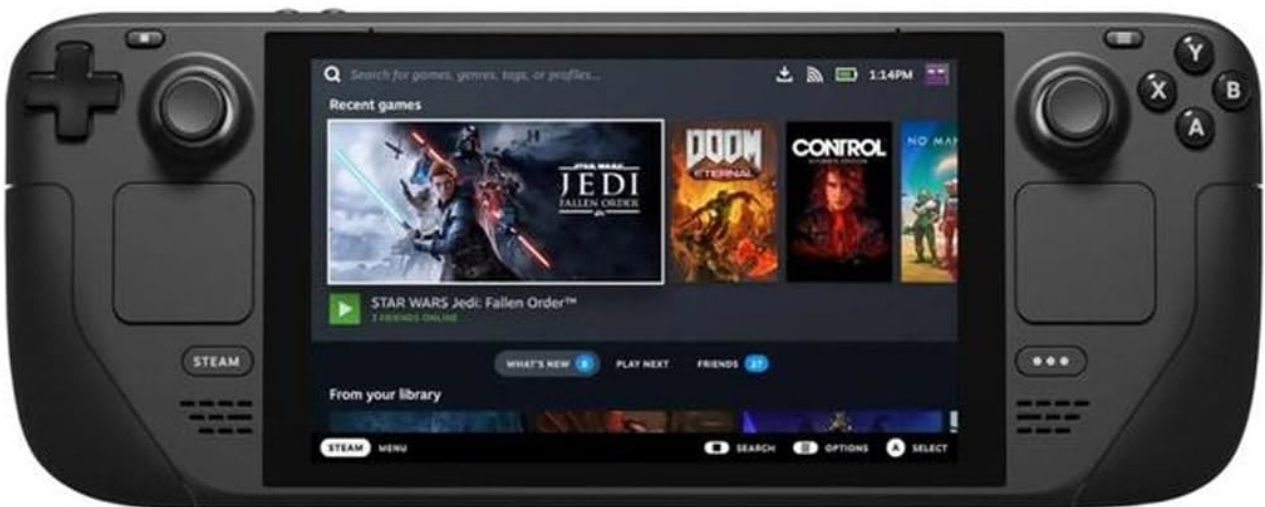
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### 1. Controls Overview

The Steam Deck OLED features a comprehensive set of controls for an immersive gaming experience:

- **Dual Analog Sticks:** For precise movement and camera control.
- **Trackpads:** Two square trackpads for mouse-like input or additional control options.
- **D-Pad:** For directional input in games and menu navigation.
- **ABXY Buttons:** Standard gaming action buttons.

- **Shoulder Buttons (L1, R1) and Triggers (L2, R2):**For various in-game actions.
- **Back Grip Buttons (L4, L5, R4, R5):**Customizable buttons on the rear of the device.
- **Steam Button:** Accesses the Steam menu.
- **Quick Access Button (...):**Opens quick settings and performance overlays.



*Image: Front view of the Steam Deck OLED, showing the vibrant OLED screen and the SteamOS user interface.*

## 2. Navigating SteamOS

The Steam Deck OLED runs on SteamOS 3.0, a Linux-based operating system optimized for handheld gaming. Use the analog sticks, D-pad, or touch screen to navigate menus. The Steam button provides access to your game library, store, friends list, and settings. The Quick Access button allows for on-the-fly adjustments to performance, display, and audio settings.

## 3. Installing and Playing Games

Games can be installed directly from your Steam library. Select a game and choose "Install." Once installed, select "Play" to launch the game. Many games are Steam Deck Verified or Playable, indicating good compatibility. For non-verified

titles, performance may vary.

## 4. Display Settings

The 7.4-inch HDR OLED display offers a resolution of 1280 x 800px and a refresh rate of up to 90Hz. You can adjust display settings, including brightness and refresh rate, through the Quick Access menu or system settings to optimize for visual quality or battery life.

## 5. Audio and Connectivity

The Steam Deck OLED features integrated stereo speakers. For private listening, connect headphones via the 3.5mm audio jack or wirelessly via Bluetooth 5.3. The USB-C port supports DisplayPort output for connecting to external displays (up to 8K @60Hz or 4K @120Hz) and USB 3 Gen 2 accessories.

## 6. microSD Card Usage

Expand your storage by inserting a UHS-I compatible microSD card (SD, SDXC, or SDHC) into the slot located on the bottom edge of the device. Games can be installed directly to the microSD card.

# MAINTENANCE

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## 1. Cleaning

Use a soft, dry, lint-free cloth to clean the exterior of the device. For the screen, use a microfiber cloth specifically designed for electronics. Avoid using harsh chemicals or abrasive materials.

## 2. Battery Care

To prolong battery life, avoid fully discharging the battery frequently. Store the device in a cool, dry place when not in use for extended periods. The 50Whr battery provides 3-12 hours of gameplay depending on usage.

## 3. Storage

When transporting or storing your Steam Deck OLED, use the provided carrying case to protect it from dust, scratches, and minor impacts.

# TROUBLESHOOTING

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## Device Not Turning On

- Ensure the device is fully charged. Connect it to the charger and wait a few minutes before attempting to power on again.
- Perform a hard reset by holding the power button for 10-15 seconds.

## Game Performance Issues

- Check if the game is Steam Deck Verified or Playable.
- Adjust in-game graphics settings to lower values.
- Use the Quick Access menu to monitor and adjust performance settings (e.g., TDP limit, GPU clock).
- Ensure SteamOS is up to date.

## Network Connectivity Problems

- Verify your Wi-Fi password is correct.
- Restart your Wi-Fi router.
- Forget the network in SteamOS settings and reconnect.

## Factory Reset

As a last resort, if software issues persist, you may perform a factory reset. This will erase all data and settings on the device. Consult official Valve support documentation for detailed instructions on how to perform a factory reset.

## SPECIFICATIONS

| Feature               | Detail  |
|-----------------------|---|
| Display               | 7.4" diagonal, HDR OLED, 1280 x 800px, up to 90Hz Refresh rate, <0.1 ms Response time, 1,000 nits peak brightness (HDR), 600 nits (SDR) |
| Processor (APU)       | 6 nm AMD APU, CPU: Zen 2 4c/8t, 2.4-3.5GHz; GPU: 8 RDNA 2 CUs, 1.6GHz   |
| Memory (RAM)          | 16GB LPDDR5 on-board RAM (5500 MT/s quad 32-bit channels)   |
| Storage               | 512GB NVMe SSD, microSD UHS-I support (SD, SDXC, SDHC)  |
| Battery               | 50Whr, 3-12 hours of gameplay   |
| Wireless Connectivity | Wi-Fi Tri-band Wi-Fi 6E (2.4GHz, 5GHz, 6GHz 2x2 MIMO, IEEE 802.11a/b/g/n/ac/ax), Bluetooth 5.3  |
| Ports                 | USB-C (DisplayPort over Type C; up to 8K @60Hz or 4K @120Hz, USB3 gen 2), 3.5mm Headphone Jack  |
| Operating System      | SteamOS 3.0 (Arch-based)  |
| Dimensions            | 3.94 x 1.97 x 0.5 inches  |
| Weight                | 3.61 pounds   |

## WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Valve website or contact their customer service. Keep your proof of purchase for warranty claims. Regular software updates are provided by Valve to improve performance and add features.

You can find additional resources and community support on the official Steam Deck website [www.steamdeck.com](http://www.steamdeck.com)

