

Actualia R36S PRO

Actualia R36S PRO Handheld Game Console User Manual

Model: R36S PRO

1. INTRODUCTION

This manual provides essential instructions for the setup, operation, maintenance, and troubleshooting of your Actualia R36S PRO Handheld Game Console. Please read this manual thoroughly before using the device to ensure optimal performance and longevity.

2. PACKAGE CONTENTS

Verify that all items listed below are present in your package:

- Actualia R36S PRO Handheld Game Console x 1
- Storage Bag x 1
- Screen Film x 1
- Type-C Data Cable x 1
- Instruction Manual x 1



Figure 2.1: The Actualia R36S PRO Handheld Game Console shown with its included accessories: a storage bag, screen protector, and Type-C charging cable.

3. PRODUCT OVERVIEW

The Actualia R36S PRO is a portable retro video game console featuring an open-source Linux system. It is designed for an immersive gaming experience with its high-quality display and ergonomic controls.



Key parsing Make you see at a glance

Figure 3.1: Front and back view of the R36S PRO console, detailing the location and function of buttons, joysticks, and ports.

3.1 Controls and Ports

- **Power Button:** Located on the top left. Press and hold to power on or off.
- **Reset Button:** Small button for system reset.
- **Volume Keys (+/-):** Adjust audio output.
- **Directional Pad (D-Pad):** For directional input in games and menu navigation.
- **Left/Right Rockers (Analog Sticks):** For analog control in compatible games.
- **ABYX Buttons:** Standard action buttons.
- **Select/Start Buttons:** For game functions and menu selections.
- **Function (FN) Button:** Special function button, often used in combination with other buttons.
- **L1/L2/R1/R2 Trigger Buttons:** Located on the back for additional game controls. These are spring-loaded for improved tactile feedback.
- **TF-OS (TF Card Slot for Operating System):** Slot for the system's operating system card.
- **TF-Game (TF Card Slot for Games):** Slot for the game storage card.
- **BOX Audio Hole:** Speaker output.
- **Type-C Port:** For charging and data transfer (Type-C-OTG supported).

- **3.5mm Headphone Interface:** For connecting headphones.



Figure 3.2: Detail of the ergonomic spring trigger buttons (L1/L2/R1/R2) and the TF card slot on the console.



Figure 3.3: Detail of the double cross key (D-pad) and separate ABYX buttons, designed for precise control.

4. SETUP

4.1 Initial Charging

Before first use, fully charge the console.

1. Connect the provided Type-C data cable to the console's Type-C port.
2. Connect the other end of the cable to a compatible USB power adapter (not included) or a computer's USB port.
3. The charging indicator will illuminate. A full charge typically takes approximately 2 hours.
4. Once fully charged, the indicator may change color or turn off.

Larger battery Charge easy to use for a long time

TYPE-C charging port Large battery
The real polymer lithium-ion battery lasts
longer, allowing you to play it all at once

40000

mAh

Figure 4.1: The console is equipped with a 4000mAh battery, providing extended gameplay.

4.2 Inserting TF Cards

Your console comes with a 128GB TF card pre-installed for games. If you wish to use a different card or add more storage:

- Locate the TF-OS and TF-Game card slots on the console.
- Gently insert the TF card(s) into the appropriate slot(s) until it clicks into place. Ensure the card is oriented correctly.
- To remove, gently push the card inward until it springs out.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

- **To Power On:** Press and hold the Power button until the screen illuminates.
- **To Power Off:** Press and hold the Power button. A menu may appear allowing you to select "Shutdown" or "Reboot". Select "Shutdown" to power off completely.
- **To Reset:** Use the small Reset button if the system becomes unresponsive. Note that this may result in unsaved data loss.

5.2 Navigating the System

The console runs on an open-source Linux system, offering a user-friendly interface for game selection and system settings.

- Use the **D-Pad** or **Left/Right Rockers** to navigate through menus and game lists.
- Press the **A button** to confirm selections.
- Press the **B button** to go back or cancel.
- The **Select** and **Start** buttons often have specific functions within games or system menus.

5.3 Playing Games

Your console supports over 30 emulators and comes with a large library of pre-installed games.



Figure 5.1: The R36S PRO supports over 30 emulators, allowing for a wide variety of game types and styles.

1. From the main menu, navigate to the desired emulator or game category.
2. Select a game from the list using the D-Pad and A button.
3. The game will load. Controls will typically map to the console's buttons.
4. **Saving/Loading Games:** Most emulators offer in-game save states or traditional game saves. Refer to the specific emulator's documentation or in-game menus for details.

5.4 Wireless Connectivity (Bluetooth & Wi-Fi)

The R36S PRO includes built-in Bluetooth and Wi-Fi for enhanced functionality.

- **Bluetooth:** Access the system settings to pair Bluetooth controllers or other compatible devices.
- **Wi-Fi:** Connect to a wireless network to access online features, update software (if available), or transfer files.

6. MAINTENANCE

6.1 Cleaning

- Use a soft, dry cloth to clean the console's exterior.
- For stubborn marks, slightly dampen the cloth with water. Avoid harsh chemicals or abrasive materials.
- Keep the screen free of dust and fingerprints using the provided screen film and cleaning wipes, or a microfiber cloth.

6.2 Battery Care

- Avoid fully discharging the battery frequently.
- Store the console in a cool, dry place when not in use for extended periods.
- Charge the battery at least once every three months to prevent deep discharge.

6.3 Software Updates

As an open-source Linux system, firmware updates or custom firmware options may be available from the community. Refer to online forums or the manufacturer's website for information on how to safely update your device. Proceed with caution when installing unofficial software.

7. TROUBLESHOOTING

- **Console does not power on:**
 - Ensure the battery is sufficiently charged. Connect the console to a power source and try again.
 - If unresponsive, press the Reset button.
- **Screen is blank or flickering:**
 - Restart the console.
 - Ensure the TF-OS card is properly inserted.
- **Games are not loading or performing poorly:**
 - Ensure the TF-Game card is properly inserted and not corrupted.
 - Some games or emulators may require specific settings or may not be fully compatible with the console's hardware.
 - Verify the game files are in the correct format and location on the TF card.
- **Cannot save game progress:**
 - Some emulators or games may have specific save procedures. Consult the emulator's documentation.
 - Ensure there is sufficient space on the TF-Game card for saves.
 - *Note:* A user review indicated difficulty saving games. This may be an issue with specific game ROMs or emulator configurations.

- **Buttons are unresponsive:**
 - Restart the console.
 - Ensure no debris is lodged under the buttons.

8. SPECIFICATIONS

Feature	Detail
Model	R36S PRO
System	Open-source Linux System
Screen	3.5-inch IPS OCA fully laminated HD MIPI screen
Resolution	640*480
CPU	RK3326, ARM 64-bit quad-core Cortex-A35, up to 1.5GHz
GPU	MALI-G31MP2 (520MHz)
Memory Storage Capacity	128 GB (TF-Game card)
Speaker	8W cavity speaker
Battery	4000mAh Lithium-ion
Battery Life	Up to 6 hours
Charging Time	Approximately 2 hours
Interface	Type-C (charging, OTG), 3.5mm headphone jack
Connectivity	Bluetooth, Wi-Fi
Product Dimensions	13.1cm x 8.3cm x 3.5cm (5.16 x 3.27 x 1.38 inches)
Item Weight	375 Grams (13.2 ounces)
Material	ABS + Electronic Components
Manufacturer Recommended Age	15 years and up

New product Professional Gaming chip No more delays this time

The professional gaming chip RK3326, 1.5GHz, 64-bit, can easily run large 2D and some 3D games.



Figure 8.1: The console is powered by the RK3326 professional gaming chip, designed for smooth performance.

Big processor upgrade Quickly experience refreshing games

This time to play experience smooth graphics and high-speed response Optimized for stable game speed and operational response



Figure 8.2: The upgraded processor ensures smooth graphics and high-speed response for an optimized gaming experience.

9. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided at the time of purchase or contact the retailer.

For technical support or further assistance, please visit the official Actualia brand store or contact their customer service channels. [Actualia Store on Amazon](#)