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Ugonetend r36s Plus

Ugonetend r36s Plus Retro Handheld Game Console User Manual

Model: r36s Plus | Brand: Ugonetend

1. INTRODUCTION

This manual provides essential information for the proper setup, operation, and maintenance of your Ugonetend r36s Plus Retro Handheld Game Console. Please read it thoroughly before using the device to ensure optimal performance and longevity.

The Ugonetend r36s Plus is a portable retro gaming console featuring a 4.0-inch IPS HD screen, powered by an RK3326 processor. It supports the ArkOS system and a wide range of emulators for various classic gaming platforms.

2. SAFETY INFORMATION

Warning: Choking Hazard

All packaging materials (such as tape, labels, plastic sheets, binding wires) and small accessories inside the machine should be kept away from children under three years old to prevent choking hazards. Always ensure the device is used under adult supervision when children are present.

Do not expose the device to extreme temperatures, direct sunlight, or moisture. Avoid dropping or subjecting the device to strong impacts.

3. PACKAGE CONTENTS

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

- Ugonetend r36s Plus Handheld Game Console
- USB-C Charging Cable
- Micro SD Card (pre-installed with system and games)
- Screen Protector (may vary by package)
- Cleaning Wipes (Wet & Dry)



Image: Ugonetend r36s Plus console in transparent purple, shown with included accessories like a USB-C cable, a 64GB Micro SD card, and screen cleaning wipes.

4. PRODUCT OVERVIEW

Familiarize yourself with the console's layout and controls.

Optimized Key Layout, Instant Response at Your Fingertips



Image: Detailed diagram highlighting the buttons and ports of the Ugonetend r36s Plus. Key features include Power, Reset, Volume Keys (+/-), TF1-OS (Micro SD slot for Operating System), TF2-Game (Micro SD slot for games), DC Headset/OTC port, Directional Pad, FN button, Select, Start, Left Rocker, Right Rocker, and BOX Audio hole.

- **Screen:** 4.0-inch IPS HD screen with 720x720 resolution.
- **Controls:** D-pad, A/B/X/Y buttons, dual analog joysticks, Select, Start, FN button.
- **Shoulder Buttons:** L1, L2, R1, R2 on the back for enhanced gameplay.
- **Ports:** USB-C charging, USB-C OTG data port, 3.5mm headphone jack.
- **Storage:** Dual Micro SD card slots (one for OS, one for games).



Image: The console displaying various emulator icons (MAME, N64, PS1, NEO GEO, GBA, FC, SFC, MD, CPS1, CPS2, CPS3, PSP), highlighting its dual joystick design and wireless connectivity for two-player games.

5. SETUP

5.1. Charging the Device

Before first use, fully charge the console. Connect the provided USB-C charging cable to the console's Type-C charging port and a compatible 5V/1.5-2A USB power adapter (not included).

- The 3500mAh Li-Polymer battery provides approximately 4-5 hours of operation on a full charge.
- A full charge typically takes 2-3 hours.

3200 mAh 5V Li-porechargeable Larger Battery Capacity And Long Battery Life

Enjoy to 6-8 Hours Gaming Time



USB C Charge Cable Fast Charging
Input Power: Max 5V 1.5-2A Charging

Image: The console highlighting its 3500mAh battery capacity and USB-C charging port for fast charging.

5.2. Micro SD Card Management

The r36s Plus uses two Micro SD card slots: TF1 for the operating system (OS) and TF2 for game ROMs. Your device comes with a pre-installed Micro SD card in TF1.

Important Note on SD Card Quality:

It is a known issue that the Micro SD cards included with many handheld devices, including the r36s Plus, can be of lower quality and prone to corruption over time. For optimal performance and to prevent data loss, it is highly recommended to replace the included Micro SD card with a high-quality, reputable brand (e.g., Samsung A2 V30) as soon as possible.

Steps to Replace the OS Micro SD Card:

1. **Backup the Original OS:** Before replacing, create an image of the original Micro SD card using software like Win32DiskImager on a computer.
2. **Prepare New SD Card:** Obtain a new, high-quality Micro SD card.
3. **Flash New OS:** Use software like Rufus to flash the backed-up OS image (or a fresh ArkOS image for r36s Plus, which can be found online by searching "ArkOS R3XS") onto the new Micro SD card.
4. **Insert New Card:** Insert the newly prepared Micro SD card into the TF1-OS slot.

5. **Boot Up:** Power on the device. It will install the new operating system and create an "EASYROMS" partition for your games.

You can add game ROMs to the TF2-Game slot or to the "EASYROMS" partition on your main OS card. Ensure game files are placed in the correct emulator folders.

5.3. Initial Power On

Press and hold the **Power** button until the screen illuminates. The device will boot into the ArkOS system.

6. OPERATING INSTRUCTIONS

6.1. Basic Navigation

- Use the **D-pad** or **Left Rocker** to navigate through menus and game lists.
- Press the **A button** to select an option or launch a game.
- Press the **B button** to go back to the previous menu.
- The **FN button** provides additional functions, often used in combination with other buttons (refer to in-game or system specific instructions).

6.2. Loading Games

Games are typically organized by emulator. Navigate to the desired emulator system (e.g., PS1, GBA, SNES) and select a game from the list to start playing.

Note: This product does not include Nintendo games. Users must prepare and add their own game files.

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Video: A brief demonstration of navigating through the game selection menu on the Ugonetend r36s Plus, showcasing various retro console options.

6.3. Wi-Fi Connectivity

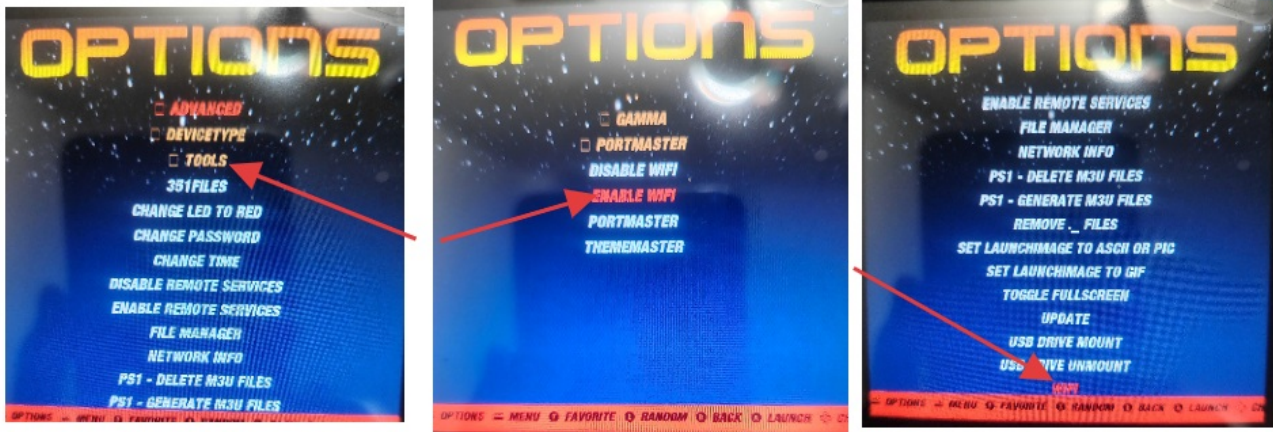
The r36s Plus supports Wi-Fi for features like online updates, scraping game artwork, and potentially online multiplayer (if supported by the emulator/game).

To enable and connect to Wi-Fi:

1. From the main menu, navigate to **OPTIONS**.
2. Select **TOOLS**.
3. Find and select **ENABLE WIFI**.
4. Once enabled, return to the **OPTIONS** menu.
5. Locate and select the **Wi-Fi** option.
6. The device will scan for available networks. Select your desired Wi-Fi network.
7. Enter the Wi-Fi password using the on-screen keyboard.
8. Confirm the connection.

Security Reminder: Disable the Wi-Fi function when not in use to conserve battery and enhance security.

r36plus does not require an additional adapter to connect to Wi-Fi



The r36plus is shipped with the Wi-Fi function disabled. If the buyer wishes to use the Wi-Fi function, they must first enable it under the "TOOLS" function in the 'OPTONS' interface. After successfully enabling it, return to the "OPTONS" interface, locate the Wi-Fi option, enter the Wi-Fi interface, and you will be able to view your Wi-Fi. Please ensure that the buyer disables this function when not in use. (No need to purchase a suitable device)

r36plus handheld game console does not have built-in Nintendo games



Image: A visual guide demonstrating the menu navigation to enable Wi-Fi on the r36s Plus, showing the 'OPTIONS', 'TOOLS', and 'ENABLE WIFI' selections.

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Video: A step-by-step guide on how to connect the Ugonetend r36s Plus handheld game console directly to a Wi-Fi network.

6.4. Connecting to External Display and Controllers (OTG)

The device supports OTG (On-The-Go) functionality, allowing you to connect to a larger screen or external controllers for a different gaming experience.

- Use an OTG adapter cable (not included) to connect the console to an external display via HDMI (if the adapter supports it) or to connect external USB gamepads.
- Two-player games can be enjoyed by connecting two external controllers through an appropriate adapter.



OTG Adapter Cable



Large Screen Output

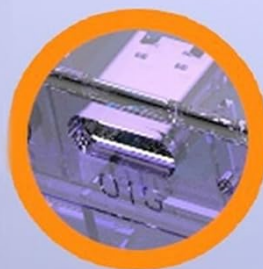


Connection Handle

OTG TRANSFER INTERFACE

OTG conversion interface, through the adapter cable, It can output synchronously on a large screen,

Two player games can also be achieved by connecting the controller through an adapter cable



OTG TRANSFER INTERFACE



Image: Diagram illustrating the use of an OTG adapter cable to connect the r36s Plus to a large screen for video output and to external controllers for two-player gaming.

7. MAINTENANCE

7.1. Battery Care

- Avoid completely draining the battery regularly.
- Charge the device using only compatible 5V/1.5-2A chargers.
- If storing the device for an extended period, charge it to about 50-70% to preserve battery health.

7.2. Software Updates

The ArkOS system may receive updates that improve performance, add features, or fix bugs. You can check for and apply updates via the Wi-Fi connection in the system's OPTIONS menu.

7.3. Cleaning

- Use a soft, dry cloth to clean the console's exterior.
- For the screen, use a microfiber cloth and a screen-safe cleaning solution, or the provided cleaning wipes.
- Avoid using harsh chemicals or abrasive materials.

8. TROUBLESHOOTING

8.1. Device Not Powering On

- Ensure the battery is charged. Connect the charger and wait a few minutes before attempting to power on again.
- If the device is unresponsive, try pressing the **Reset** button (usually a small pinhole, refer to Product Overview diagram).

8.2. Games Not Loading or Performing Poorly

- **SD Card Issues:** As noted in the Setup section, the included Micro SD card may be unreliable. Consider replacing it with a high-quality card and reinstalling the OS and games.
- **Incorrect ROM Placement:** Ensure game ROMs are placed in the correct folders for their respective emulators on the game Micro SD card (TF2) or EASYROMS partition.
- **Emulator Compatibility:** While the r36s Plus supports many emulators, performance can vary. Newer or more demanding systems (e.g., Nintendo DS, PSP) may experience frame rate drops or be unplayable. Focus on older systems like PS1, GBA, SNES, Sega, etc., for optimal performance.
- **Refresh Game List:** After adding new games, you may need to refresh the game list within the system's menu or reboot the device.

8.3. Wi-Fi Not Connecting

- Ensure Wi-Fi is enabled in the **OPTIONS > TOOLS** menu.
- Double-check the Wi-Fi password for accuracy.
- Verify that your Wi-Fi network is within range and functioning correctly.

8.4. Screen Display Issues

- **Black Bars:** The 720x720 screen resolution is a 1:1 aspect ratio. Most retro games use 4:3, 5:3, or 3:2 aspect ratios, resulting in black bars at the top and bottom of the screen. This is normal behavior and not a defect.
- **No Image:** If connected to an external display via OTG, ensure the connection is secure and the external display is set to the correct input source.

9. SPECIFICATIONS

Model Name	r36s Plus
Brand	Ugonetend
Processor	RK3326 (ARM 64bit, Quad-core Cortex-A35 CPU up to 1.5GHz)
Operating System	ArkOS (Linux-based)
Screen	4.0-inch IPS HD, 720x720 pixels
Battery	3500mAh Li-Polymer (approx. 4-5 hours playtime)
Storage	Dual Micro SD card slots (TF1 for OS, TF2 for Games)
Connectivity	Wi-Fi, USB-C (Charging, OTG)
Audio	Built-in speaker, 3.5mm headphone jack
Dimensions	5.6 x 3.4 x 1.2 inches (approx.)
Weight	12 ounces (approx.)

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Video: An overview video showcasing the Ugonetend r36s Plus handheld game console, its features, and various color options.

10. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation provided with your purchase or contact Ugonetend customer service directly. Keep your proof of purchase for any warranty claims.

For additional resources and community support regarding ArkOS and retro handheld gaming, you may find online forums and communities helpful.