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HHU R40S Pro

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Model: R40S Pro

1. INTRODUCTION

This manual provides essential information for the proper setup, operation, and maintenance of your HHU R40S Pro Handheld Game Console. Please read this manual thoroughly before using the device to ensure optimal performance and longevity.



Image 1.1: HHU R40S Pro Handheld Game Console and included accessories.

2. DEVICE OVERVIEW AND CONTROLS

Familiarize yourself with the console's layout and controls for effective operation.



Image 2.1: Front and rear view of the HHU R40S Pro with labeled components.

1. **Function Keys:** General action buttons (A, B, X, Y).
2. **Horn:** Speaker output.
3. **Direction Keys:** D-pad for directional input.
4. **Left Rocker:** Analog joystick for movement.
5. **Select:** Button for menu selections or secondary actions.
6. **Horn:** Speaker output.
7. **Start:** Button for pausing games or confirming selections.
8. **Right Rocker:** Analog joystick for movement or camera control.
9. **On/Off Key:** Power button.
10. **Rest:** Reset button (often a small pinhole).
11. **Modulation:** Volume control.
12. **TF1-OS:** MicroSD card slot for the operating system.
13. **R1/R2:** Right shoulder buttons.
14. **L1/L2:** Left shoulder buttons.

15. **Battery:** Battery compartment or indicator.

3. SETUP

3.1 Initial Charging

Before first use, fully charge the console. Connect the provided USB-C charging cable to the console's Type-C charging interface and the other end to a compatible 5V/2A power adapter. The battery indicator will show charging status. A full charge typically takes approximately 2 hours.



Image 3.1: Battery level indication and capacity.

3.2 Powering On/Off

- **To Power On:** Press and hold the **On/Off Key** (labeled 9 in Image 2.1) until the screen illuminates.
- **To Power Off:** Press and hold the **On/Off Key** until the power-off options appear on the screen, then select "Power Off". Alternatively, a quick press may put the device into sleep mode.
- **Reset:** In case of system unresponsiveness, use a thin object (like a paperclip) to press the **Reset** button (labeled 10 in Image 2.1) to perform a hard reset.

4. OPERATING INSTRUCTIONS

4.1 Navigating the System

Use the **Direction Keys** (D-pad) or **Left/Right Rockers** to navigate through menus and select options. The **A** button typically confirms selections, while the **B** button usually cancels or goes back.

4.2 Playing Games

The console comes pre-installed with over 15,000 classic games across more than 20 emulator systems. Navigate to the game selection menu, choose your desired emulator, and then select a game to begin playing.



Image 4.1: Overview of supported emulators and game variety.

4.3 Adding Games (ROMs)

The console supports adding additional game ROMs via the MicroSD card. To add games:

1. Power off the console and remove the MicroSD card (TF1-OS slot).
2. Insert the MicroSD card into a computer's card reader.

3. Locate the appropriate emulator folders on the MicroSD card.
4. Transfer your game ROM files into the corresponding emulator folders.
5. Safely eject the MicroSD card from your computer and reinsert it into the console.
6. Power on the console. The system should detect the new games.

Note: Ensure ROM files are compatible with the console's emulators. Legal acquisition of ROMs is the user's responsibility.

4.4 Two-Player Connectivity

HHU handheld consoles of the same series may support two-player connectivity. Refer to specific game or emulator settings for instructions on how to link two devices or connect external controllers for multiplayer gameplay.

5. MAINTENANCE

5.1 Cleaning the Device

Use a soft, dry, lint-free cloth to clean the console's screen and body. Avoid using harsh chemicals, abrasive cleaners, or excessive moisture, as these can damage the device.

5.2 Battery Care

- Avoid exposing the device to extreme temperatures.
- Do not fully discharge the battery frequently.
- If storing the device for an extended period, ensure the battery is charged to approximately 50-70%.

5.3 Storage

Store the console in a cool, dry place away from direct sunlight and moisture. Protect the screen from scratches by using a protective case or screen protector when not in use.

6. TROUBLESHOOTING

- **Device Does Not Power On:**

Ensure the battery is sufficiently charged. Connect the console to a power source and attempt to power on after a few minutes of charging. If unresponsive, try pressing the **Rest** button.

- **Games Not Loading or Crashing:**

Verify that the game ROMs are correctly placed in the appropriate emulator folders on the MicroSD card. Ensure the ROM files are not corrupted and are compatible with the installed emulator versions. Some games may require specific emulator settings.

- **Save Game Issues:**

If experiencing issues with saving game progress, check the MicroSD card for sufficient free space. Ensure the MicroSD card is not corrupted. Some emulators may have specific save state functionalities that need to be managed within the emulator menu.

- **Screen Issues (No Display, Flickering):**

Try restarting the device. If the issue persists, ensure the screen is clean and free from physical damage. Contact support if the problem continues.

- **Controls Unresponsive:**

Check for any physical obstructions around the buttons or joysticks. Restart the device. If specific controls remain unresponsive, it may indicate a hardware issue.

7. SPECIFICATIONS

The following table details the technical specifications of the HHU R40S Pro Handheld Game Console:



The image shows four items included with the console: an instruction manual titled 'Handheld Game Console User Manual' (Model: R40S PRO), a black charging data cable, a 256GB MicroSDXC TF card, and the handheld gaming console with a blue and black design.

System		
Built-in Simulator	Support MAME/N64/PS1/NEOGEO/GBA/FC/SC/MD/CPS/MD/CPS1/CPS2/CPS3/PSP	
Screen	specifications	3.5inchIPS OCA full fit high-definition MIPI screen
	resolving power	640*480
CPU	K3326	ARM 64bit quad core Cortex-A35 CPU up to 1.5GHz
GPU	Mail-G31MP(520MHz)	Support for OpenGL ES 3.2
RAM	DDR3L	4GB
TF card	16G-256G	
Horn	Built-in 8W cavity horn	
Battery	Built in lithium battery: 3800mAh	Input power: 5V/2A
	Maximum power consumption:5W	Battery life: 10H Charing time: 2H
Interface	Type-C charging interface	Support
	Type-C OTG data port	Support
	Headset	Standard 3.5mm interface

Image 7.1: Detailed technical specifications.

Feature	Detail
Model Number	R40S Pro
CPU	RK3326 (ARM 64bit quad core Cortex-A35 CPU up to 1.5GHz)
GPU	Mali-G31MP (520MHz), Support for OpenGL ES 3.2
RAM	4GB DDR3L
Screen	3.5-inch IPS OCA full-lamination HD MIPI screen, 640x480 resolution
Internal Storage	256GB (built-in memory card)
TF Card Support	16GB-256GB (for OS and games)
Battery	3800mAh Lithium-ion, 3.7V
Battery Life	Approximately 8-10 hours
Charging Input	5V/2A (Type-C interface)
Charging Time	Approximately 2 hours
Interfaces	Type-C charging, Type-C OTG data port, 3.5mm Headset
Dimensions	15.24 x 10.16 x 2.54 cm (approx. 6 x 4 x 1 inches)
Weight	290 g (0.29 Kilograms)
Material	Plastic

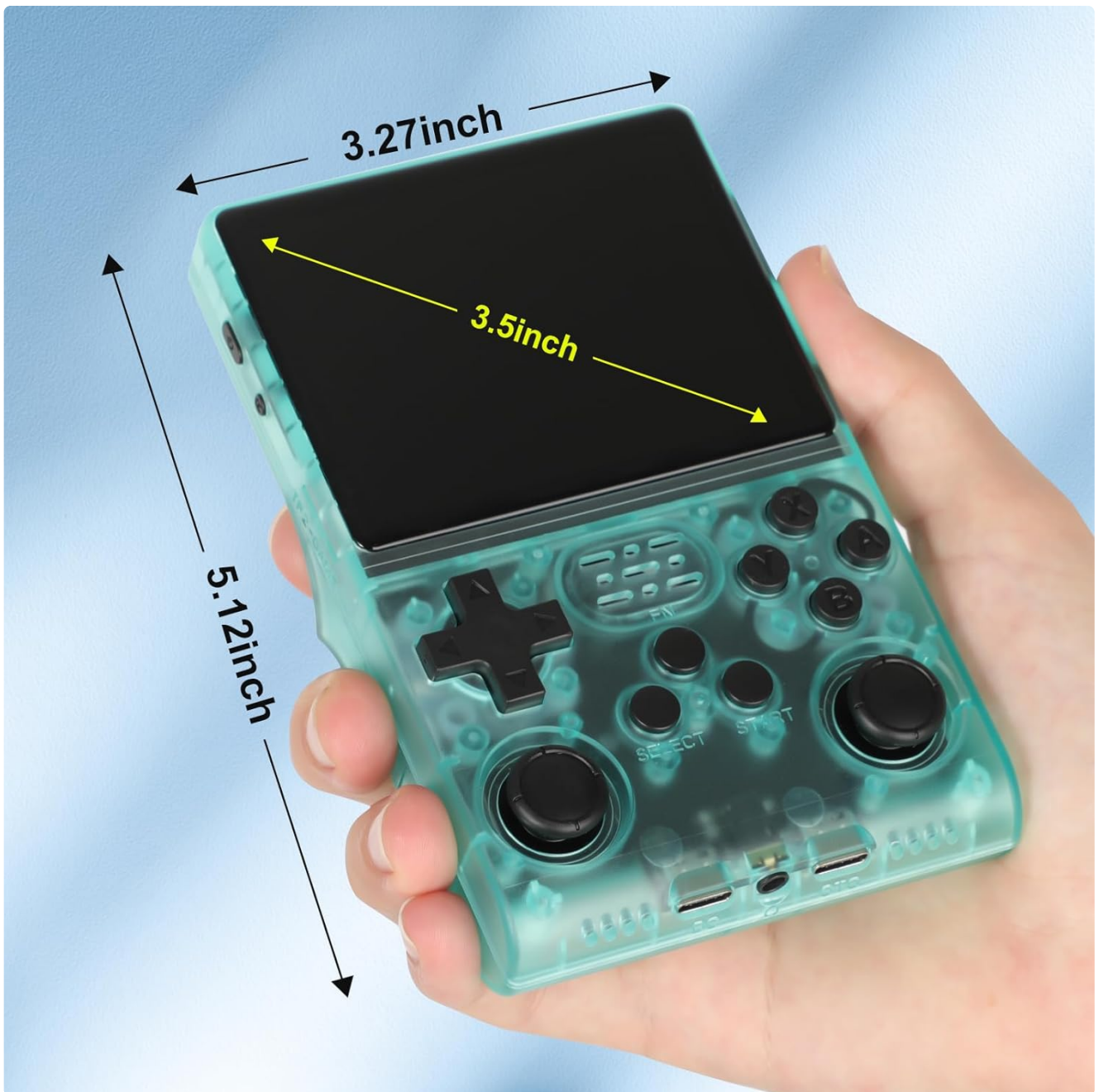


Image 7.2: Visual representation of console dimensions.

8. WARRANTY AND SUPPORT

8.1 Warranty Information

This product is covered by a standard manufacturer's warranty. Please retain your proof of purchase for any warranty claims. The warranty typically covers defects in materials and workmanship under normal use. For specific warranty terms and conditions, refer to the documentation provided with your purchase or contact the seller.

8.2 Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact your retailer or the manufacturer's customer support. Refer to the contact information provided at the point of purchase or on the official HHU website (if available).

