



Manuals.plus /

- › HHU /
- › HHU R40S Pro Handheld Game Console User Manual

## HHU R40S Pro

# HHU R40S Pro Handheld Game Console User Manual

Model: R40S Pro | Brand: HHU

## 1. INTRODUCTION

---

This manual provides comprehensive instructions for the HHU R40S Pro Handheld Game Console. Please read this guide thoroughly before using your device to ensure proper operation and to maximize your gaming experience. Keep this manual for future reference.



Figure 1: HHU R40S Pro Handheld Game Console and included accessories.

## 2. PRODUCT OVERVIEW

The HHU R40S Pro is a portable gaming device designed for retro gaming enthusiasts. It features a 3.5-inch IPS HD screen and comes with a 256GB memory card pre-loaded with a large library of games and emulators.

### 2.1. Device Layout and Controls



Figure 2: Front and rear view of the R40S Pro with labeled components.

1. **Function Keys:** Multi-purpose buttons for in-game actions or system functions.
2. **Horn:** Audio output speaker.
3. **Direction Keys (D-Pad):** For directional input in games and menu navigation.
4. **Left Rocker:** Analog joystick for precise movement control.
5. **Select Button:** Used for selecting options or in-game functions.
6. **Horn:** Audio output speaker.
7. **Start Button:** Used to start games, pause, or confirm selections.
8. **Right Rocker:** Analog joystick for precise movement control.
9. **On/Off Button:** Power button for turning the device on or off.
10. **Rest:** Reset button (often a small pinhole).
11. **Modulation:** Volume control or other adjustment.
12. **TF1-OS:** Slot for the primary operating system TF card.
13. **R1/R2 Buttons:** Right shoulder buttons for additional in-game actions.
14. **L1/L2 Buttons:** Left shoulder buttons for additional in-game actions.
15. **Battery:** Location of the internal battery.

## 3. SETUP

### 3.1. Initial Charging

Before first use, fully charge the R40S Pro. Connect the included Type-C charging cable to the device's charging port and a compatible 5V/2A power adapter (not included). A full charge typically takes approximately 2 hours and provides up to 10 hours of battery life.



Figure 3: Battery capacity and estimated usage time.

### 3.2. Memory Card Insertion

The device comes with a 256GB TF card pre-installed. Ensure the memory card is securely inserted into the TF1-OS slot (labeled 12 in Figure 2) before powering on the device. If the device fails to start, try removing and reinserting the memory card.

## 4. OPERATING INSTRUCTIONS

### 4.1. Power On/Off

- To power on: Press and hold the **On/Off Button** (labeled 9 in Figure 2) until the screen illuminates.

- To power off: Press and hold the **On/Off Button** until the power-off menu appears, then select "Shut Down" or similar option. A quick press may put the device into sleep mode.

## 4.2. Navigating the System

Use the **Direction Keys (D-Pad)** (labeled 3) or the **Left/Right Rockers** (labeled 4 and 8) to navigate through menus and game lists. Press the **Start Button** (labeled 7) or **Function Keys** (labeled 1) to confirm selections, and the **Select Button** (labeled 5) for additional options or to go back.

## 4.3. Playing Games

The R40S Pro comes pre-installed with over 15,000 classic games and supports more than 20 retro emulator systems. Navigate to the desired emulator or game from the main menu and select it to begin playing.



Figure 4: The R40S Pro supports numerous emulators and a vast game library.

## 4.4. WiFi Connectivity (Optional)

The R40S Pro can enable WiFi connectivity through an OTG interface by installing a WiFi adapter (not included). Once connected, players can engage in two-player battles. Refer to the system settings for WiFi configuration after connecting a compatible adapter.

## 5. MAINTENANCE

---

- **Cleaning:** Use a soft, dry cloth to clean the device. Avoid using liquid cleaners or abrasive materials.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Charge the device regularly, even if not in use for extended periods.

## 6. TROUBLESHOOTING

---

Issue	Possible Cause	Solution
Device does not power on.	Low battery; improperly seated memory card.	Ensure the battery is sufficiently charged. Remove and reinsert the memory card (TF1-OS slot) and try restarting.
Buttons are unresponsive or not working correctly.	Software glitch; physical damage; dust/debris.	Restart the device. Ensure the device is clean. If the issue persists, contact customer support.
Screen flickering or display issues.	Software issue; hardware malfunction.	Restart the device. Ensure the system software is up to date. If the problem continues, seek technical assistance.
Cannot connect to WiFi.	No WiFi adapter connected; incorrect settings.	Ensure a compatible WiFi adapter is connected via the OTG interface. Check WiFi settings in the system menu.

## 7. SPECIFICATIONS

---



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

Figure 5: Detailed technical specifications of the R40S Pro.

<b>Feature</b>	<b>Detail</b>
<b>Model</b>	R40S Pro
<b>CPU</b>	RK3326, ARM 64-bit quad-core Cortex-A35 up to 1.5GHz
<b>GPU</b>	Mali-G31MP (520MHz), Support for OpenGL ES 3.2
<b>RAM</b>	4GB DDR3L
<b>Memory Storage Capacity</b>	256 GB (TF card included)
<b>Screen Size</b>	3.5 inches IPS OCA full-fit HD MIPI screen
<b>Screen Resolution</b>	640*480
<b>Battery</b>	3800mAh Lithium-Ion, 8 Hours battery life
<b>Power Input</b>	5V/2A (Type-C charging interface)
<b>Emulators Supported</b>	MAME, N64, PS1, NEOGEO, GBA, FC, SC, MD, CPS, CPS1, CPS2, CPS3, PSP, and more (20+ systems)
<b>Connectivity</b>	Type-C charging, Type-C OTG data port, Standard 3.5mm headset interface
<b>Material</b>	Plastic
<b>Product Dimensions</b>	6 x 4 x 1 inches (approximately 5.12 x 3.27 inches for the main body)
<b>Item Weight</b>	12 ounces (0.75 Pounds)
<b>Recommended Age</b>	14 years and up



Figure 6: Physical dimensions of the R40S Pro.

## 8. WHAT'S IN THE BOX

The HHU R40S Pro package includes the following items:

- 1 x Handheld Game Console (R40S Pro)
- 1 x Type-C Charging Cable
- 1 x 256G TF Card (pre-installed)
- 1 x User Manual (this document)

## 9. SAFETY INFORMATION

No specific safety information was provided with the product details. Please observe general safety precautions when using electronic devices:

- Avoid exposing the device to water or excessive moisture.
- Do not disassemble or attempt to repair the device yourself.
- Keep the device away from extreme temperatures and direct heat sources.

- Use only the provided charging cable or a compatible 5V/2A charger.
- Supervise children when they are using the device.

## **10. WARRANTY AND SUPPORT**

---

Specific warranty details are not provided in the product information. For warranty claims or technical support, please refer to the retailer or manufacturer's official website for contact information.