Aivuidbs RG40XXV

Aivuidbs RG40XXV Handheld Game Console User Manual

Model: RG40XXV

1. INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, maintenance, and troubleshooting of your Aivuidbs RG40XXV Handheld Game Console. Please read this manual thoroughly before using the device to ensure optimal performance and longevity.

2. SAFETY INFORMATION

- Do not expose the device to extreme temperatures, direct sunlight, or moisture.
- Avoid dropping or subjecting the device to strong impacts.
- Use only the provided charging cable and a compatible power adapter.
- Keep the device away from children and pets.
- Do not attempt to disassemble or repair the device yourself. Contact customer support for assistance.
- Prolonged use at high volume may cause hearing damage. Adjust volume to a safe level.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Aivuidbs RG40XXV Handheld Game Console
- 64GB TF Card (pre-installed)
- USB Charging Cable
- User Manual (this document)

4. DEVICE OVERVIEW

Familiarize yourself with the buttons and ports of your RG40XXV console.

Figure 4.1: Front view of the RG40XXV Handheld Game Console, showing the 4.0-inch IPS screen, control layout including D-pad, analog joystick, A/B/X/Y buttons, Start, Select, and shoulder buttons.
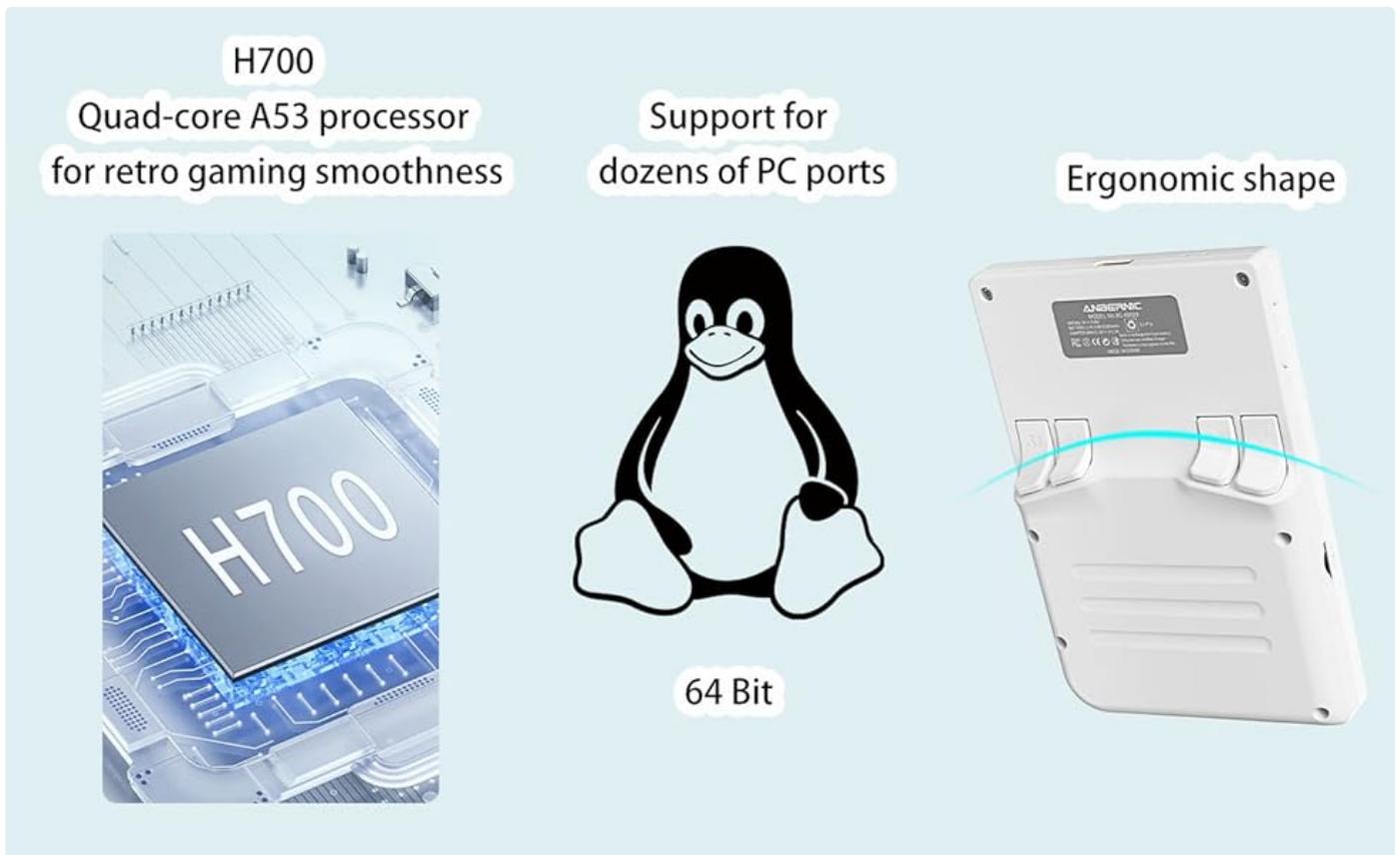
Figure 4.2: Detailed diagram illustrating the location and function of all buttons, ports, and indicators on the RG40XXV console, including power key, reset button, shoulder buttons (L1, L2, R1, R2), D-Pad, joystick, menu button, game keys, TF/INT. card slot, OTG/USB port, and HDMI port.

4.1 Controls and Ports

- **Power Button:** Press and hold to power on/off. Short press to sleep/wake.

- **Reset Button:** Small recessed button for system reset.

- **D-Pad:** Directional control.

- **Analog Joystick:** 16 million color RGB lighting, precise directional input.

- **A/B/X/Y Buttons:** Action buttons.

- **Start/Select Buttons:** Game functions.

- **L1/L2/R1/R2 Shoulder Buttons:** Additional game controls.

- **Volume Buttons (+/-):** Adjust audio output.

- **HDMI Port:** Connect to an external display.

- **USB-C Port (OTG/USB):** For charging and data transfer.

- **TF/INT. Card Slot:** For external storage (up to 512GB).

- **Indicator Light:** Displays power and charging status.

5. SETUP

5.1 Initial Charge

1. Connect the provided USB charging cable to the console's USB-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 indicator light will show charging status. Allow the device to fully charge before first use (approximately 6 hours for the 3200mAh battery).

Product Parameter

○Color	○Screen	○CPU
White/Transparent Black Indigo Blue	4.0-inch IPS screen, OCA full lamination, resolution: 640*480	H700 quad-core ARM Cortex-A53, 1.5GHz frequency

○GPU	○RAM	○Storage
dual- core G31 MP2	LPDDR4 1GB	64GB TF/MicroSD

○System	○WiFi	○Bluetooth
Linux 64-bit	2.4/5G WIFI 802.11a/b/g/n/ac	Bluetooth 4.2

○Games	○Language
Supports: ported games, PSP, PS1, SS,DC, NDS, N64, ARCADE, GBA, GBC, GB, SFC, FC, MAME, MD, GG, PCE, NGPC, SMS, WSC, and various other game formats. Supports users to download relevant format games themselves.	Chinese, English, Japanese, Korean, Russian, French, German, Portuguese, Spanish

○Speaker	○TF card	○Battery
High-fidelity speaker	Dual card slots, support TF card expansion, maximum 512GB	Li-polymer battery 3200mAh, lasting 6 hours

○RGB lighting effect

16 million color RGB joystick lighting, support constant light, breath, rainbow, marquee, chasing, gaming and other light effects, support customize the color and adjust the brightness.

○Other function

Supports 2.4G wireless controller and wired controller connection, HDMI connection to TV, vibration motor, supports music player with formats such as FLAC, MP3, WAV, APE, AIF, AIFF, OGG, WMA, AAC, M4A, M4R, file manager, expert mode, e-book reader (supports TXT format). WIFI online pairing, streaming
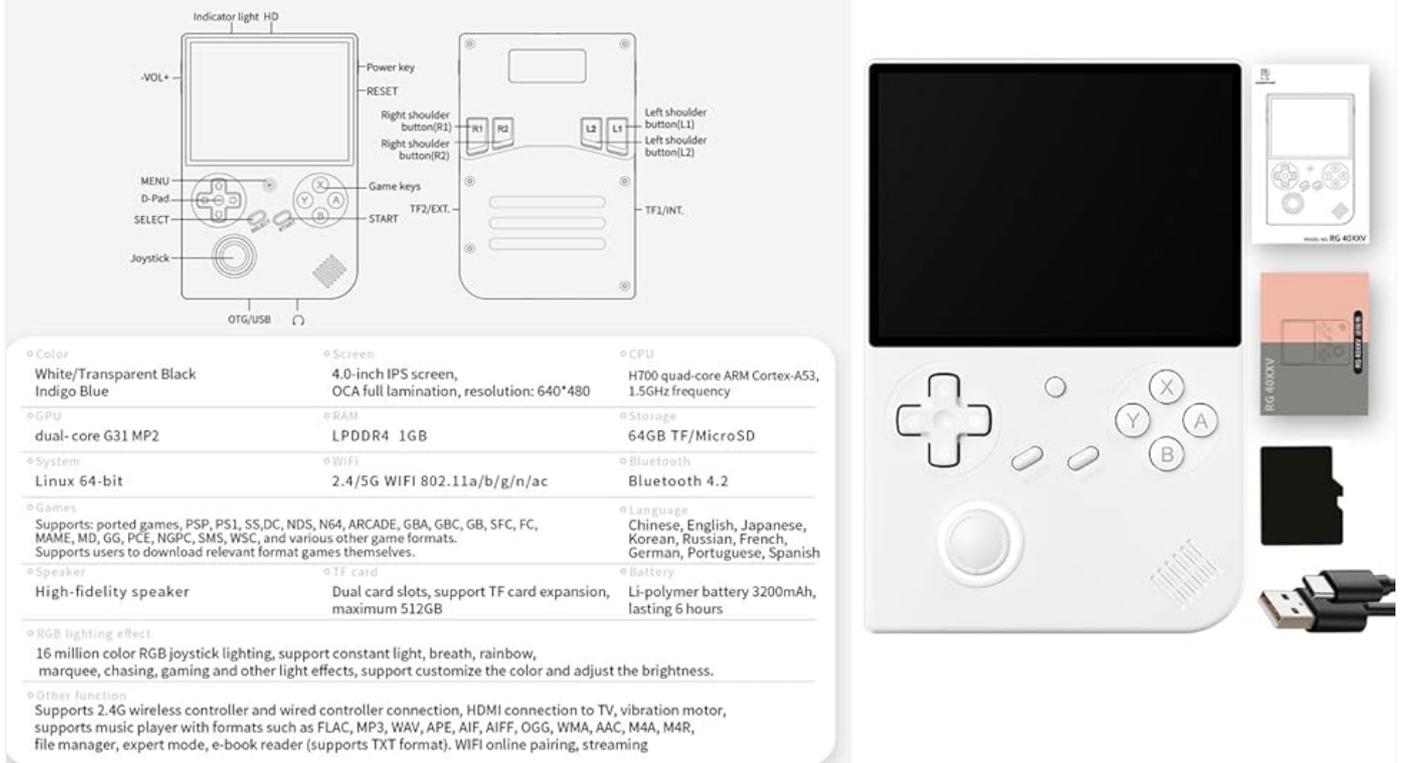
Figure 5.1: Rear view of the RG40XXV console highlighting the 3200mAh battery and C2C charging support, indicating a battery life of approximately 6 hours.

5.2 Inserting the TF Card

The console comes with a 64GB TF card pre-installed with games. If you need to insert or replace a TF card:

1. Locate the TF/INT. card slot on the side of the console.

2. Gently push the TF card into the slot until it clicks into place.

3. To remove, push the card in again until it springs out.

Figure 5.2: The RG40XXV console alongside a 64GB TF card, indicating its inclusion and expandability.

6. Operating Instructions

6.1 Power On/Off

- **Power On:** Press and hold the Power button for a few seconds until the screen illuminates.
- **Power Off:** Press and hold the Power button, then select "Power Off" from the menu.
- **Sleep Mode:** Short press the Power button to enter/exit sleep mode.

6.2 Navigating the System

Use the D-Pad or analog joystick to navigate through menus. The A button typically confirms selections, and the B button typically cancels or goes back.

6.3 Playing Games

1. From the main menu, select the "Games" or "Emulator" section.

2. Browse through the available game systems and titles.

3. Select a game to launch it.

4. During gameplay, refer to the game's specific controls. The console supports various game formats and emulators.

6.4 Connecting to a TV via HDMI

1. Ensure the console is powered off or in sleep mode.

2. Connect an HDMI cable (not included) from the console's HDMI port to an HDMI input on your television.

3. Power on the console and select the correct HDMI input on your TV.

4. For an enhanced experience, consider connecting a Bluetooth controller (see section 6.5).

Figure 6.1: The RG40XXV console demonstrating its ability to connect to a TV for screen projection and support for Bluetooth controller connections.

6.5 Bluetooth Controller Connection

The RG40XXV supports Bluetooth 4.2 for connecting wireless controllers.

1. Go to the system settings menu on your console.

2. Navigate to the Bluetooth settings.

3. Put your Bluetooth controller into pairing mode (refer to your controller's manual).

4. Select your controller from the list of available devices on the RG40XXV to pair.

6.6 Wi-Fi Connectivity

The RG40XXV supports 2.4G/5G Wi-Fi for online multiplayer and streaming functions.

1. Access the system settings and locate the Wi-Fi section.

2. Turn on Wi-Fi and select your desired network from the list.

3. Enter the network password if prompted.

6.7 Customizing Joystick Lighting

The analog joystick features 16 million color RGB lighting with various effects.

- Access the system settings related to display or lighting.
- Select from options such as constant light, breath, rainbow, marquee, chasing, or gaming effects.
- Adjust the color and brightness as desired.

7. MAINTENANCE

7.1 Cleaning the Device

- Use a soft, dry cloth to wipe the console's exterior.
- For the screen, use a microfiber cloth specifically designed for electronics.
- Do not use liquid cleaners, solvents, or abrasive materials.

7.2 Battery Care

- Avoid fully discharging the battery frequently.
- Store the device in a cool, dry place when not in use for extended periods.
- Charge the device periodically if stored for a long time to prevent deep discharge.

7.3 Software Updates

Periodically check the manufacturer's website for any available firmware updates to ensure optimal performance and access to new features.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	Low battery; System crash.	Charge the device for at least 30 minutes. Press the Reset button with a thin object.
Screen is blank or frozen.	System crash; Device in sleep mode.	Short press the Power button to wake. If unresponsive, press the Reset button.
Games are not loading.	Corrupted game file; TF card issue; Incorrect emulator settings.	Ensure the TF card is properly inserted. Try a different game. Check emulator settings or re-download the game.
Cannot connect to Wi-Fi/Bluetooth.	Incorrect password; Device out of range; Interference.	Verify password. Move closer to the router/device. Restart the console and try again.
No display on TV via HDMI.	Loose cable; Incorrect TV input; Console not outputting.	Ensure HDMI cable is securely connected. Select the correct HDMI input on your TV. Restart the console.

9. SPECIFICATIONS

Feature	Detail
Model	RG40XXV
Screen	4.0-inch IPS, OCA full lamination, 640x480 resolution
CPU	H700 quad-core ARM Cortex-A53, 1.5GHz frequency
GPU	Dual-core G31 MP2
RAM	LPDDR4 1GB
Storage	64GB TF/MicroSD (expandable up to 512GB)
Operating System	Linux 64-bit
Wi-Fi	2.4G/5G 802.11a/b/g/n/ac
Bluetooth	Bluetooth 4.2
Battery	3200mAh Lithium Polymer, approximately 6 hours battery life
Dimensions	13.9cm x 9.2cm x 2.2cm (5.47 x 3.62 x 0.87 inches)
Weight	12.63 ounces
Material	Plastic
Connectivity	HDMI output, USB-C (OTG), Dual TF card slots
Other Features	Vibration motor, RGB joystick lighting, video player, file manager, e-book reader (TXT format)

10. WARRANTY AND SUPPORT

10.1 Warranty Information

Please refer to the warranty card included with your product or visit the official Aivuidbs website for detailed warranty terms and conditions. The standard return policy is 30 days from the date of purchase.

10.2 Customer Support

For technical assistance, troubleshooting not covered in this manual, or warranty claims, please contact Aivuidbs customer support through their official website or the retailer where the product was purchased.
Aivuidbs Store Link: Aivuidbs Official Store

Related Documents - RG40XXV

	[Anbernic RG40XXV Retro Handheld Console User Manual](#) A comprehensive guide to the Anbernic RG40XXV retro handheld gaming console, covering interface operation, game import, common settings, game settings, indicator lights, RA emulator shortcuts, and online play.
	[WhatGeek: Unique Customizable Mechanical Keyboards & Gaming Peripherals](#) Discover WhatGeek, a leading brand offering unique and customizable mechanical keyboards, gaming peripherals, and mini PCs. Born from Geekbuying.com, WhatGeek empowers users to design personalized tech gear with high-quality components and innovative designs.