

Aivuidbs RG35XX H

RG35XX H Linux Retro Handheld Game Console User Manual

Model: RG35XX H | Brand: Aivuidbs

1. PRODUCT OVERVIEW

The RG35XX H is a Linux-based retro handheld game console designed for portable gaming. It features a 3.5-inch IPS screen, dual joysticks, and comes pre-loaded with a vast library of classic games. The console supports various game formats and offers connectivity options including 5G WiFi, Bluetooth, and HDMI output for an enhanced gaming experience.



Figure 1.1: Front view of the RG35XX H handheld game console, showcasing its compact design, 3.5-inch screen, D-pad, action buttons, and dual joysticks.

RG35XX H

Horizontal screen • More fun



30+

Emulator Platforms

PSP

Supports up to PSP

ported
games

Figure 1.2: A display of multiple RG35XX H consoles, highlighting the horizontal screen orientation and various color options available for the device.



Figure 1.3: Close-up view of the console's 3.5-inch IPS full viewing angle, zero distance OCA full-fit screen, emphasizing its 640x480

resolution for sharp picture quality.

High-precision dual joystick

More exciting gaming



High-precision



No dead zone



No drift

Figure 1.4: Illustration of the high-precision dual joystick design, highlighting features like high-precision, no dead zone, and no drift for improved gaming control.

2. SETUP

2.1 Initial Charging

Before first use, fully charge the RG35XX H console. Connect the provided USB Type-C cable to the console's charging port and the other end to a compatible USB power adapter (not included). The charging indicator light will show the charging status. A full charge typically provides 6-7 hours of gameplay.

2.2 Inserting the TF Card

The console comes with a 64GB TF card pre-loaded with 5570 classic games. Locate the TF card slot(s) on the console. Gently insert the TF card into the designated slot until it clicks into place. Ensure it is inserted correctly to avoid damage.

3. OPERATING INSTRUCTIONS

3.1 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, then select the "Shut down" option from the menu.

3.2 Navigation

- Use the **D-pad** or **left analog joystick** 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 are used for in-game functions and system menus.

3.3 Playing Games

From the main menu, select "Built-in card" to access the pre-loaded games categorized by emulator. Navigate to your desired game and press the **A button** to launch it. For optimal performance, ensure the console is adequately charged.

4. GAME MANAGEMENT

4.1 Pre-loaded Games

The 64GB TF card comes pre-loaded with 5570 classic games across approximately 30 different game formats. These games are organized for easy access.

4.2 Adding New Games

The console supports users downloading games in relevant formats. To add new games, connect the TF card to a computer using a card reader. Transfer compatible game ROMs to the appropriate emulator folders on the TF card. Ensure the game files are in the correct format for the respective emulator.

5. CONNECTIVITY

5.1 HDMI Output

Connect the console to an external display (TV or monitor) using an HDMI cable (not included) for a larger screen gaming experience. The console supports HDMI output for screen projection.

Various Usage Modes for Your Convenience



Supports Bluetooth 4.2
and HDMI for Screen Projection

Figure 5.1: The RG35XX H console connected to a television via HDMI, demonstrating its screen projection capability. A Bluetooth controller is also shown, indicating support for external gamepads.

5.2 Bluetooth Connectivity

The RG35XX H supports Bluetooth 4.2, allowing connection to external Bluetooth controllers for enhanced gameplay, especially when connected to a TV.

5.3 5G WiFi for Online Multiplayer

The console supports 5G WiFi, enabling online multiplayer gaming for compatible titles. This feature allows for thrilling two-player battles and other online interactions.

Supports 5G WiFi for Online Multiplayer

Thrilling Two player Battles



Figure 5.2: Two RG35XX H consoles being used simultaneously, illustrating the 5G WiFi capability for online multiplayer gaming and competitive play.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the console's exterior. Avoid abrasive cleaners or solvents.
- **Storage:** Store the console 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 console regularly, even if not in use for extended periods.
- **Screen Protection:** The 3.5-inch IPS screen is durable, but consider using a screen protector (if available) to prevent scratches.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Console does not power on.	Low battery; System crash.	Charge the console for at least 30 minutes. If unresponsive, press and hold the Power button for 10 seconds to force a restart.
Games are not loading or crashing.	Corrupted game files; Incorrect file format; TF card issue.	Ensure game files are correct and compatible. Reformat the TF card and re-transfer games if necessary. Try a different TF card.
Screen display issues (flickering, no image).	Software glitch; Hardware issue.	Restart the console. If the problem persists, contact customer support.
Poor sound quality or no sound.	Volume too low; Speaker obstruction; Software issue.	Adjust volume using the side buttons. Ensure speakers are clear. Restart the console.

8. SPECIFICATIONS

Feature	Detail
Model Number	RG35XX H
Screen Size	3.5 Inches IPS (640x480 resolution, OCA full-fit)
Processor	Quad-core ARM Cortex-A53 (H700 Quad-Core ARM Cortex-A53 at 1.5GHz)
GPU	Quad-core PowerVR SGX544MP (Dual-core G31 MP2)
RAM	DDR3 256MB
Storage	64 GB (TF Card included)
Battery	3300 mAh Li-polymer (6-7 hours battery life)
Operating System	Linux
Connectivity	5G WiFi, Bluetooth 4.2, HDMI Output
Dimensions	5 x 0.6 x 2.7 inches (14.5cm x 6.9cm x 1.6cm)
Weight	11.3 ounces
Material	Plastic

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your product or visit the official Aivuidbs website. Keep your proof of purchase for any warranty claims.

