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› DREAMHAX RG35XX 2024 Portable Game Console User Manual

## DREAMHAX RG35XX2024

# DREAMHAX RG35XX 2024 Portable Game Console User Manual

Model: RG35XX2024

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## 1. INTRODUCTION

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Thank you for purchasing the DREAMHAX RG35XX 2024 Portable Game Console. This device is designed to provide a versatile retro gaming experience with its powerful H700 quad-core processor, 3.5-inch IPS screen, and support for a wide range of game formats. This manual will guide you through the setup, operation, and maintenance of your new console.

## 2. PACKAGE CONTENTS

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Please check the package for the following items:

- 1 x RG35XX 2024 version game console
- 1 x USB charging cable
- 1 x Screen protector
- 1 x User manual (this document)

## 3. PRODUCT OVERVIEW

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Figure 3.1: Front, back, and side views of the RG35XX 2024 console, showing buttons, screen, and ports.

### 3.1 Key Components

- **3.5-inch IPS Screen:** High-definition display with 640\*480 resolution, full viewing angle, and OCA full lamination for clear visuals.
- **Control Buttons:** D-pad, A/B/X/Y buttons, Start, Select, Menu buttons for game control and system navigation.
- **Shoulder Buttons:** L1, L2, R1, R2 buttons located on the back for extended game control.
- **USB-C Port:** For charging the device.
- **HDMI Output:** Allows connection to an external display or TV.
- **Dual TF Card Slots:** For system storage and game storage, expandable up to 512GB.
- **High-fidelity Speaker:** Provides clear audio output.
- **Vibrating Motor:** Enhances gaming experience with haptic feedback.

# Cortex-A53

H700 quad-core ARM Cortex-A53, 1.5GHz frequency

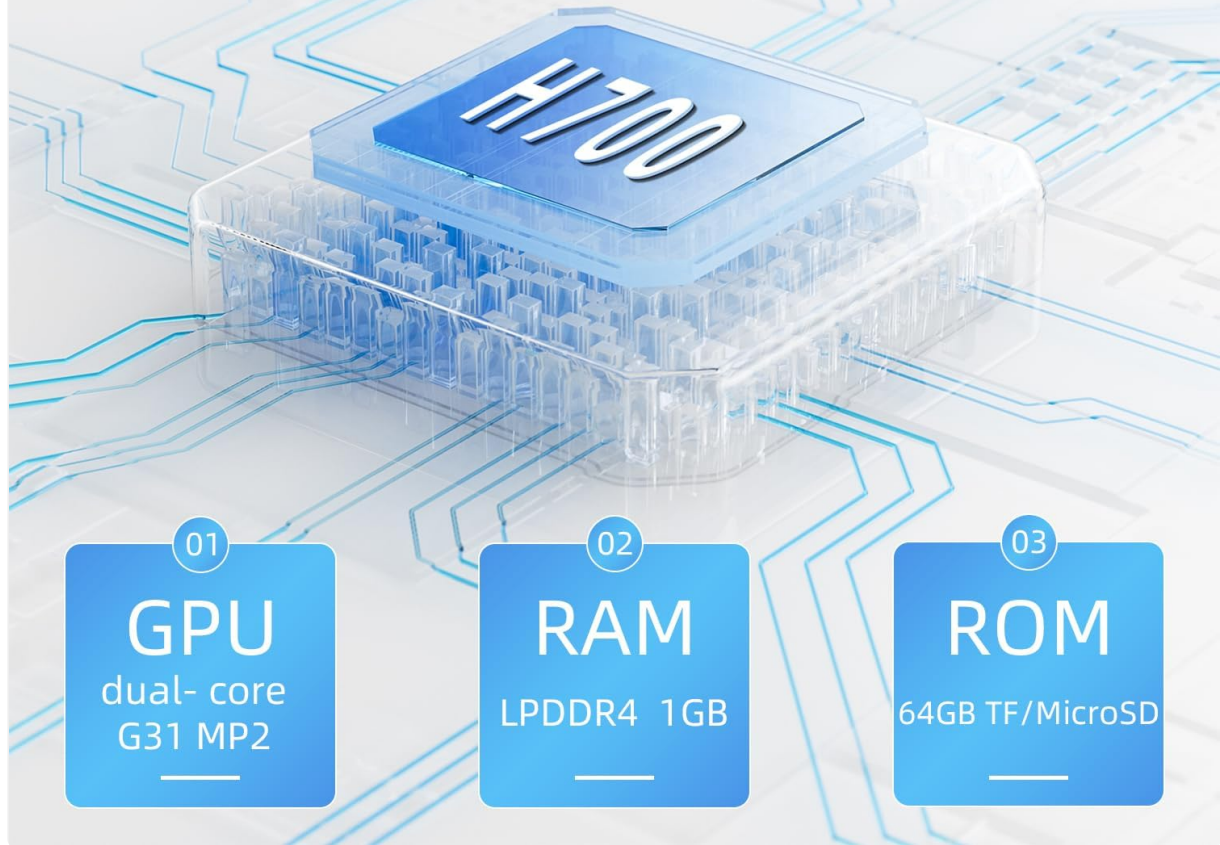


Figure 3.2: Internal hardware details, including the H700 quad-core ARM Cortex-A53 CPU, Dual-core G31 MP2 GPU, LPDDR4 1GB RAM, and 64GB TF/MicroSD storage.

640X480

**3.5-inch IPS full viewing angle  
OCA full lamination**



Figure 3.3: The 3.5-inch IPS screen, featuring 640x480 resolution, full viewing angle, and OCA full lamination for optimal clarity.

# 2600mAh

## Long-lasting Battery Life for Durability



Large capacity  
lithium battery

**7**-hour battery life

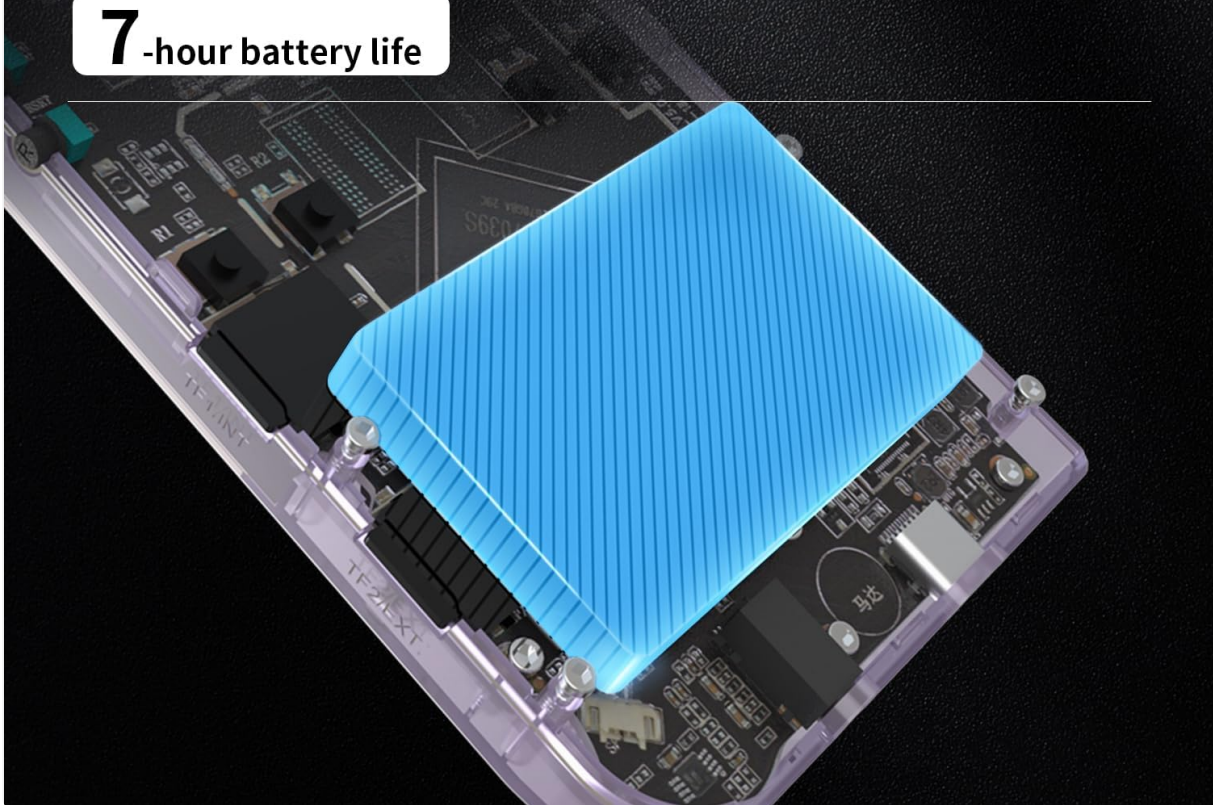


Figure 3.4: The console's 2600mAh Li-polymer battery, providing approximately 7 hours of continuous gameplay.

## 4. SETUP

### 4.1 Charging the Console

1. Connect the provided USB charging cable to the console's USB-C port.
2. Connect the other end of the cable to a 5V/1.5A power adapter (not included) or a compatible C2C charger.
3. The charging indicator light will show the charging status. A full charge typically takes approximately 2-3 hours.

**Note:** Use only compatible chargers to avoid damage to the device.

### 4.2 Inserting TF Cards

The console features dual TF card slots. One slot is typically used for the operating system, and the other for game storage. The console comes with a 64GB TF/MicroSD card pre-installed with the Linux system and games.

1. Locate the TF card slots on the side of the console.
2. Gently insert the TF card(s) into the respective slots until they click into place. Ensure the card is

oriented correctly.

3. To remove, gently push the card inward until it springs out.

## 4.3 Powering On/Off

- **Power On:** Press and hold the Power button located on the side of the console for a few seconds until the screen lights up.
- **Power Off:** Press and hold the Power button until the power-off menu appears, then select "Power Off" or continue holding until the device shuts down. A short press will put the device into sleep mode.

## 5. OPERATING INSTRUCTIONS

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### 5.1 System Navigation

- Use the **D-pad** to navigate through menus and game lists.
- Press the **A button** to confirm selections.
- Press the **B button** to go back to the previous screen.
- The **Menu button** provides quick access to system settings or in-game options.

### 5.2 Playing Games

The console supports a wide variety of retro game formats including PSP, PS1, DC, NDS, ARCADE, GBA, GBC, GB, SFC, FC, MAME, MD, GG, PCE, NGPC, SMS, WSC, and more. Games are typically organized by console in the main menu.

1. From the main menu, navigate to the desired console system.
2. Select a game from the list using the D-pad and A button.
3. Once a game is launched, use the D-pad and action buttons (A, B, X, Y) for gameplay. The shoulder buttons (L1, L2, R1, R2) may be used for specific game functions.
4. To exit a game or access in-game menus, press the **Menu button**.

### 5.3 Adding Games

The console runs on a Linux system and allows users to download and add games in supported formats. This typically involves connecting the TF card to a computer and transferring game ROMs to the appropriate folders.

**Note:** Ensure you have the legal rights to any game ROMs you add to the device.

### 5.4 HDMI TV Output

You can connect the RG35XX 2024 to a TV or external monitor for a larger screen gaming experience.

1. Connect an HDMI cable (not included) from the console's HDMI port to your TV's HDMI input.
2. Switch your TV's input source to the corresponding HDMI port.
3. The console's display should automatically switch to the external screen.

# HDMI connection Big screen gaming



Figure 5.1: The RG35XX 2024 console connected to a television via HDMI for big-screen gaming.

## 5.5 Gamepad Connection

The console supports connecting external gamepads (2.4G wireless and wired controllers) for two-player gaming or preferred control methods.

1. For wired gamepads, connect the gamepad to the console's USB port using an appropriate adapter if necessary.
2. For 2.4G wireless gamepads, plug the wireless receiver into the console's USB port. The console should automatically detect the gamepad.
3. Refer to your gamepad's manual for specific pairing instructions if needed.

## 5.6 Official Product Video

Your browser does not support the video tag.

Video 5.1: An official product video from DREAMHAX showcasing the RG35XX 2024 Version Handheld Game Console and its features.

## 6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the console's exterior. For the screen, use a microfiber cloth specifically designed for electronics. Avoid using harsh chemicals or abrasive materials.

- **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. If storing for an extended period, charge the battery to about 50-70%.
- **Software Updates:** Periodically check for official software updates to ensure optimal performance and compatibility. Follow the manufacturer's instructions for any update procedures.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Console does not power on.	Low battery; faulty power button.	Charge the console for at least 30 minutes. Ensure the power button is pressed correctly.
Games run slowly or freeze.	Corrupted game file; system overload; incompatible game.	Restart the console. Try a different game. Ensure the game format is supported.
No display on TV via HDMI.	Incorrect TV input; faulty HDMI cable; console not in HDMI output mode.	Check TV input source. Try a different HDMI cable. Ensure console is powered on and connected before switching TV input.
TF card not recognized.	Improperly inserted card; corrupted card; incompatible card.	Reinsert the TF card. Try a different TF card. Ensure the card is formatted correctly (FAT32 or exFAT).

## 8. SPECIFICATIONS

<b>Model</b>	RG35XX2024
<b>Color Options</b>	Gray, Transparent White, Transparent Purple, Transparent Black
<b>Screen</b>	3.5-inch IPS screen, 640*480 resolution, full viewing angle, OCA full lamination
<b>CPU</b>	H700 quad-core ARM Cortex-A53, 1.5GHz frequency
<b>GPU</b>	Dual-core G31 MP2
<b>RAM</b>	LPDDR4 1GB
<b>Storage</b>	64GB TF/MicroSD (internal), supports expansion up to 512GB via dual card slots
<b>System</b>	Linux
<b>Supported Game Formats</b>	Ported games, PSP, PS1, DC, NDS, ARCADE, GBA, GBC, GB, SFC, FC, MAME, MD, GG, PCE, NGPC, SMS, WSC and more.
<b>Language Support</b>	Chinese, English, Japanese, Korean, Russian, French, German, Spanish
<b>Speaker</b>	High-fidelity speaker
<b>Battery</b>	Li-polymer battery 2600 mAh, lasting approximately 7 hours
<b>Charging</b>	5V/1.5A, supports C2C charger
<b>Other Functions</b>	Gamepad connection support, HDMI output TV, vibrating motor
<b>Console Dimensions</b>	11.7cm x 8.1cm x 2.2cm (4.6in x 3.2in x 0.9in)
<b>Console Weight</b>	186g (6.6 ounces)

## 9. WARRANTY & SUPPORT

### 9.1 Manufacturer Warranty

The DREAMHAX RG35XX 2024 Portable Game Console comes with a **30-day warranty against manufacturer defects**. This warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or external causes. For warranty claims, please retain your proof of purchase and contact the retailer or manufacturer's customer service.

### 9.2 Customer Support

For further assistance, technical support, or inquiries regarding your product, please refer to the contact information provided by your retailer or visit the official DREAMHAX website.