**Aivuidbs RG353V-Purple transparent-new**

# RG353V Retro Handheld Game User Manual

Model: RG353V-Purple transparent-new | Brand: Aivuidbs

## 1. Introduction and Overview

The Aivuidbs RG353V is a versatile retro handheld game console designed for an immersive gaming experience. It features a unique dual-boot system, allowing users to switch between Android 11 and Linux operating systems. This console supports a wide range of game formats and offers modern connectivity options such as 5G WiFi and Bluetooth 4.2. Its compact design and multi-touch IPS screen make it ideal for gaming on the go or connecting to a larger display via HDMI.

Figure 1: RG353V Retro Handheld Game Console (Purple Transparent)

## 2. What's in the Box

Upon unboxing your RG353V Retro Handheld Game, please ensure all the following items are present:

- RG353V Handheld Game Console (1 unit)
- Type-C Charging Cable (1 unit)
- Screen Protector (1 unit)
- User Manual (1 unit)
- Giftbox (1 unit)

Figure 2: Package Contents of the RG353V

# 3. Setup Guide

## 3.1 Initial Charge

Before first use, fully charge the RG353V using the provided Type-C charging cable. Connect the cable to the console's Type-C port and a compatible USB power adapter (not included). The charging indicator will show the charging status.

## 3.2 Inserting TF Cards

The console supports TF (microSD) cards for game storage and system files. Locate the TF card slots on the device. Gently insert the pre-installed 64GB TF card (if included) into the designated slot. Ensure it clicks into place. Additional TF cards can be used for expanded storage.

## 3.3 Switching Operating Systems (Dual OS)

The RG353V features a dual OS setup with Android 11 and Linux. To switch between systems, hold down the **F key** and then press the **Reset key**. This action will reboot the device into the alternate operating system.

Figure 3: Dual OS Functionality (Android and Linux)

## 3.4 Network and Bluetooth Connection

- **WiFi:** Navigate to the system settings (Android or Linux, depending on the OS) to connect to a 2.4G or 5G WiFi network. This enables online features, streaming, and game downloads.
- **Bluetooth:** The console supports Bluetooth 4.2. Access Bluetooth settings to pair with compatible devices such as external controllers or headphones.

## 3.5 HDMI Output

To connect the RG353V to an external display (e.g., TV or monitor), use an HDMI cable (not included) to connect the console's HDMI port to the display's HDMI input. This allows for a larger screen gaming experience.

Figure 4: Connecting to an External Display via HDMI

# 4. Operating Instructions

## 4.1 Basic Controls

Familiarize yourself with the console's buttons and controls:

- **D-Pad:** Directional input for navigation and gameplay.
- **Analog Sticks:** Provide precise 360-degree movement.
- **A/B/X/Y Buttons:** Action buttons for in-game commands.
- **Select/Start Buttons:** Used for menu navigation and game functions.
- **FN Button:** Function button, often used in combination with other buttons for system-level actions (e.g., OS switch).
- **Volume Buttons:** Adjust audio output.
- **Power Button:** Turn the device on/off or put it to sleep.

## 4.2 Game Play and Navigation

Once powered on, the console will boot into the selected OS. Navigate through the game interfaces using the D-pad or analog sticks. Select games from the pre-installed library or access emulators to play your favorite titles. The 3.5-inch IPS multi-touch screen supports touch input only when operating in Android OS, making navigation and certain game operations more intuitive.

### 4.3 Moonlight Streaming

The RG353V supports Moonlight streaming, allowing you to play PC games remotely on your handheld console. Ensure your PC is set up for Moonlight streaming and both devices are connected to the same network for optimal performance.

### 4.4 Using as a Wired Gamepad

The RG353V can also function as a wired gamepad for other devices. Connect the console to a compatible device (e.g., PC) via a USB cable. Refer to the connected device's instructions for setting up an external controller.

Figure 5: RG353V Functioning as a Wired Gamepad

## 5. Maintenance

- **Battery Care:** The console uses a 3200 mAh Li-polymer battery. To prolong battery life, avoid fully discharging the battery frequently. Charge the device regularly, even if not in use for extended periods.
- **Screen Care:** The 3.5-inch IPS screen is durable, but avoid applying excessive pressure or sharp objects. Clean the screen with a soft, lint-free cloth. Use a screen protector for added protection.
- **General Cleaning:** Use a dry, soft cloth to wipe the console's exterior. Avoid using liquid cleaners or abrasive materials. Keep the device free from dust and debris, especially around ports and buttons.
- **Storage:** Store the console in a cool, dry place away from direct sunlight and extreme temperatures.

# 6. Troubleshooting

## 6.1 Device Not Turning On

- Ensure the battery is sufficiently charged. Connect the charger and wait a few minutes before attempting to power on.
- If using an external TF card, try removing it and then powering on the device. A corrupted or incompatible TF card can sometimes prevent booting.
- Perform a hard reset by holding the power button for 10-15 seconds, then release and press again briefly to power on.

## 6.2 Games Not Loading or Missing

- Verify that the TF card containing the games is properly inserted into the correct slot.
- Ensure the game files are in compatible formats for the selected operating system and emulator.
- If games are on a newly inserted TF card, the system may need to scan or index the new content. Restart the device.

## 6.3 Wi-Fi or Bluetooth Connectivity Issues

- Ensure you are within range of the Wi-Fi network or Bluetooth device.
- Restart the console and the router/Bluetooth device.
- Forget the network/device in settings and attempt to reconnect.
- Check for any system updates that might improve connectivity stability.

## 6.4 Screen Unresponsive (Android OS)

- Ensure you are in Android OS, as multi-touch is only supported in Android.
- Restart the device.
- If the issue persists, a factory reset (Android only) might be necessary, but this will erase user data.

# 7. Specifications

| Feature | Detail |
|---|---|
| Model | RG353V |
| Operating System | Dual OS: Android 11, Linux (64-bit compatible with 32-bit applications) |
| Processor | RK3566 Quad-core 64-bit Cortex-A55, up to 1.8GHz |

| | |
|---|---|
| RAM | LPDDR4 2GB |
| Storage | Supports TF Card (64GB pre-installed mentioned in product title, reviews indicate variability) |
| Display | 3.5-inch IPS Multi-touch Screen, 640*480 resolution, OCA full-fit |
| Battery | 3200 mAh Li-polymer, 5-6 hours usage |
| Connectivity | 2.4G/5G WiFi, Bluetooth 4.2 |
| Output | HDMI, Moonlight Streaming |
| Dimensions | 17.4cm x 8.4cm x 2.1cm (approx. 4.9 x 3.2 x 0.8 inches) |
| Weight | Approx. 11.7 ounces |

## 8. Warranty and Support

Specific warranty details for the Aivuidbs RG353V are not provided within this manual. For information regarding product warranty, returns, or technical support, please refer to the seller's policy or contact the manufacturer directly through their official channels. You may also consider purchasing extended protection plans offered by retailers for additional coverage.
For further assistance, please visit the Aivuidbs Store on Amazon.

© 2024 Aivuidbs. All rights reserved.