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ANBERNIC RG351MP

ANBERNIC RG351MP Handheld Game Console User Manual

Model: RG351MP

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1. INTRODUCTION

This manual provides detailed instructions for the ANBERNIC RG351MP Handheld Game Console. Please read this manual thoroughly before using the device to ensure proper operation and to maximize your gaming experience. Keep this manual for future reference.

2. SAFETY INFORMATION

- Do not expose the device to extreme temperatures, direct sunlight, or high humidity.
- Avoid dropping or subjecting the device to strong impacts.
- Keep the device away from water and other liquids.
- Do not attempt to disassemble or repair the device yourself. Contact authorized service personnel for assistance.
- Use only the provided charging cable and adapter.
- Ensure proper ventilation during use and charging.
- This product contains a Lithium Polymer battery. Dispose of batteries responsibly according to local regulations.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x RG351MP Game Console
- 1 x WIFI Module
- 1 x 64G SD Card
- 1 x USB Charging Cable

- 1 x User Manual
- 1 x Screen Protector
- 1 x Wipes

4. PRODUCT OVERVIEW

Familiarize yourself with the various components and controls of your ANBERNIC RG351MP console.



Figure 4.1: Front View. This image displays the front of the ANBERNIC RG351MP console, featuring the 3.5-inch IPS screen, D-pad, action buttons (X, Y, A, B), SELECT and START buttons, and dual analog joysticks.



Figure 4.2: Console Layout. This image provides various angles of the console, highlighting the L1/L2/R1/R2 shoulder buttons, OTG and DC ports on the top, volume controls on the side, and TF/EXT, Reset, and TF2/EXT slots on the bottom.



Figure 4.3: Back View. The rear of the console is shown, displaying the ANBERNIC logo, model number RG351MP, and regulatory markings. This view also indicates the location of the internal Li-Po battery.

Light and Shadow Collision between Energy and Material

Aluminum Alloy Shell CNC Process



Figure 4.4: Screen Display. This image emphasizes the console's 3.5-inch IPS screen with OCA full lamination and 640x480 resolution, providing a clear visual experience.

5. SETUP

5.1 Charging the Device

Before initial use, fully charge the console. Connect the provided USB charging cable to the DC port on the top of the console and the other end to a compatible USB power adapter (maximum load 2A). A full charge typically takes approximately 4 hours.

5.2 Inserting the TF Card

The console supports dual TF card slots. The primary TF1/EXT slot is for the operating system and pre-installed games. The TF2/EXT slot can be used to expand storage up to 256GB for additional games.

1. Locate the TF1/EXT slot on the bottom of the console.
2. Gently insert the pre-installed 64GB TF card into the slot until it clicks into place.
3. If using an additional TF card for games, insert it into the TF2/EXT slot.

Packing include



Console X1



Giftbox X1



Manual X1



Type-C charging cable X1



Adapter X1



Wireless network card

Figure 5.1: TF Card Insertion. This image illustrates the process of inserting a TF card into the console's expansion slot, demonstrating how to properly seat the card.

5.3 Powering On/Off

- **To Power On:** Press and hold the Power button (located on the side) for a few seconds until the screen illuminates.
- **To Power Off:** Press and hold the Power button until the power-off menu appears, then select "Shutdown" or "Power Off". Alternatively, a quick press of the Power button may put the device into sleep mode, depending on system settings.

5.4 Connecting the WIFI Module

The console supports an external WIFI module for network connectivity. Insert the provided WIFI module into one of the OTG USB ports (located on the top of the console). Once connected, you can configure network settings within the system menu.

6. OPERATING INSTRUCTIONS

6.1 Basic Navigation

- **D-pad / Analog Joysticks:** Use these to navigate through menus and control in-game characters.
- **A Button:** Confirm selection or perform primary action.
- **B Button:** Go back or perform secondary action.
- **X / Y Buttons:** Perform specific in-game actions as defined by the game.
- **START Button:** Pause game, open in-game menus, or confirm selections.
- **SELECT Button:** Access system menus or perform specific in-game functions.
- **L1/L2/R1/R2 Buttons:** Shoulder buttons for various in-game controls.

6.2 Game Selection and Launching

From the main menu, navigate to the desired game system (e.g., PS1, GBA, NES). Select a game from the list using the D-pad or analog stick and press the A button to launch it.

6.3 Saving and Loading Game States

Most emulators support "save states" which allow you to save your progress at any point in a game, independent of the game's internal save system. Refer to the specific emulator's hotkey combinations (often a combination of SELECT + L1/R1 or similar) for saving and loading states.

6.4 System Settings

Access the system settings menu (usually via the SELECT button or a dedicated menu option) to adjust:

- **Language:** Change the system language.
- **Display:** Adjust screen brightness, aspect ratio, and video filters.
- **Sound:** Control volume levels and audio output.
- **Network:** Configure Wi-Fi settings (requires external Wi-Fi module).
- **Controller Settings:** Map buttons or calibrate joysticks.

6.5 Adding New Games

To add new games, you will need to transfer game ROMs to the TF2/EXT card. Ensure the ROMs are in a format supported by the console's emulators. Connect the TF2/EXT card to a computer using a card reader and copy the game files to the appropriate system folders on the card. After reinserting the card into the console, refresh the game list in the system menu.

7. MAINTENANCE

7.1 Cleaning the Device

Use a soft, dry, lint-free cloth to clean the console's exterior. For the screen, use a screen-specific cleaning solution and a microfiber cloth. Do not use abrasive cleaners or solvents.

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.
- If the device will not be used for a long time, charge it to about 50% before storing.

7.3 Software Updates

Periodically check the official ANBERNIC website or community forums for firmware updates. Updates can improve performance, add features, or fix bugs. Follow the provided instructions carefully when performing any software updates.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	Low battery; TF card not properly inserted; System crash.	Charge the device for at least 30 minutes. Ensure TF1/EXT card is correctly inserted. Press the Reset button (located on the bottom of the console) with a thin object.
Games are not loading or crashing.	Corrupt game file; Incorrect emulator settings; TF card issue.	Verify game file integrity. Check emulator settings (e.g., core, video driver). Reinsert or try a different TF card.
Screen is blank or flickering.	Software issue; Hardware malfunction.	Restart the device. If the problem persists, contact customer support.
No sound.	Volume too low; Muted; Headphone jack issue.	Increase volume using the side buttons. Check system sound settings. Ensure no headphones are partially inserted.

9. SPECIFICATIONS

Feature	Detail
Model	RG351MP
Material	Aluminum alloy shell, CNC process
Screen	3.5 inch IPS screen, OCA full lamination, 640*480 resolution
CPU	RK3326 quad core 1.5 GHz
GPU	Mali-G31 MP2
RAM	DDR3L 1GB
Internal Memory	16GB (for system)
System	Open source Linux system
Game Support	Vibrating motor, supports 20+ game formats. Users can download relevant game formats.
Speaker	High quality double horn stereo speaker
Battery	Li-polymer 3500 mAh, lasting approximately 6 hours
Charging	1.3A charging, matching maximum load 2A, USB charging cable, 4 hours for full charge
TF Card Support	Supports TF card max to 256GB (dual TF card slots)

Feature	Detail
Other Functions	Support external network card WIFI, Double OTG, Double 3D rocker, Support 3.5mm stereo earphones.
Dimensions	6.6 x 3.8 x 1.9 inches (Package Dimensions)
Item Weight	15.2 ounces

10. WARRANTY AND SUPPORT

10.1 Warranty Information

ANBERNIC products are covered by a limited warranty. Please refer to the warranty card included in your package or visit the official ANBERNIC website for detailed warranty terms and conditions. Keep your proof of purchase for warranty claims.

10.2 Customer Support

If you encounter any issues or have questions not covered in this manual, please contact ANBERNIC customer support. You can usually find contact information on the official ANBERNIC website or through the retailer where you purchased the product.

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