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› MINDKEEPS G90 Retro Handheld Game Console User Manual

MINDKEEPS G90

MINDKEEPS G90 Retro Handheld Game Console User Manual

Model: G90

1. INTRODUCTION

The MINDKEEPS G90 is a retro handheld game console designed for portable gaming. It features a 7-inch IPS HD screen, a quad-core processor, and supports HDMI output for connection to external displays. This manual provides instructions for setting up, operating, and maintaining your G90 console.

2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- G90 Console Unit
- Type-C Charging Cable
- Instruction Manual (this document)
- Protective Film
- HDMI Cable
- Gamepad Receiver/Adapter
- Alcohol Wipe Pack
- A Pair of Gamepads



STANDARD ACCESSORIES



Image: Standard accessories included with the G90 console, showing the console, packaging box, data line, and instruction manual.

3. DEVICE LAYOUT AND CONTROLS

Familiarize yourself with the buttons, ports, and features of your G90 console:



ALL FUNCTIONAL BUTTONS ARE AVAILABLE

Supports 29 languages from different countries,
making it easy to play without any barriers



Image: Front and rear view of the G90 console with labels for 3D joysticks, directional keys, speaker, ESC, R1/R2, L1/L2, vol+/vol-, X/Y/A/B buttons, TF card slot, HDMI port, charging interface, On/Off button, and handle interface.

- **3D Joysticks:** For precise directional control in games.
- **Directional Keys (D-Pad):** For menu navigation and game control.
- **Action Buttons (X, Y, A, B):** For in-game actions.
- **Shoulder Buttons (L1, L2, R1, R2):** Additional control inputs.
- **Volume Buttons (vol+, vol-):** Adjust audio output.
- **ESC Button:** Typically used to exit menus or games.
- **SELECT/START/A Buttons:** Standard game control buttons.
- **TF Card Slot:** For inserting a TF (microSD) card to expand storage.
- **Charging Interface (Type-C):** For connecting the charging cable.
- **HDMI Port:** For connecting the console to an external display.

- **On/Off Button:** Powers the console on or off.
- **Handle Interface:** For connecting external gamepads.
- **Speakers:** Integrated stereo speakers for audio output.

4. SETUP

4.1 Charging the Console

Before first use, fully charge the console. Connect the provided Type-C charging cable to the console's charging interface and the other end to a compatible USB power adapter (not included) with a maximum load of 2A. The battery indicator will show charging status.

4.2 TF Card Installation

The console supports TF card expansion up to 256GB for additional game storage. Locate the TF card slot on the console. Gently insert the TF card into the slot until it clicks into place. To remove, push the card in slightly until it springs out.

4.3 Connecting to an External Display (HDMI Output)

To play games on a larger screen, connect the G90 console to a TV or monitor using the provided HDMI cable. Plug one end of the HDMI cable into the console's HDMI port and the other end into an HDMI input on your display device. Select the correct HDMI input on your display.



HIGH DEFINITION OUTPUT SHAKES THE VISION

From device to screen, high-definition output ensures that every detail is presented,
Provide you with the most authentic visual experience



Image: The G90 console displaying game content on an external television via HDMI output.

4.4 Connecting External Gamepads

The G90 console supports external gamepads for two-player gaming. Connect the gamepad receiver/adaptor to the console's handle interface. The included gamepads should automatically connect to the receiver. Refer to the gamepad's individual instructions for specific pairing procedures if necessary.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

- **To Power On:** Press and hold the On/Off button until the screen illuminates.
- **To Power Off:** Press and hold the On/Off button until a power-off prompt appears, then confirm. A short press will typically put the device into sleep mode.

5.2 Navigation and Game Selection

Use the 3D joysticks or directional keys to navigate through the console's menu interface. Press the 'A' button (or equivalent action button) to select options or launch games. The 'ESC' button typically functions as a back or exit command.

5.3 Adjusting Volume

Use the 'vol+' and 'vol-' buttons located on the console to increase or decrease the audio volume from the integrated stereo speakers.

5.4 Language Settings

The G90 console supports 29 languages. To change the system language:

1. Navigate to the 'System Setup' menu.
2. Select 'Language' from the options.
3. Choose your desired language from the list.



STANDARD ACCESSORIES



Image: The G90 console's 'System Setup' screen, highlighting the language selection option.

6. MAINTENANCE

6.1 Cleaning

Use a soft, dry cloth to clean the console's exterior. For the screen, use a microfiber cloth. Avoid using harsh chemicals or abrasive materials, as they may damage the finish or screen. The included alcohol wipe pack can be used for screen cleaning.

6.2 Battery Care

To prolong battery life:

- Avoid fully discharging the battery frequently.
- Store the console in a cool, dry place when not in use for extended periods.
- Charge the console regularly, even if not in use, to maintain battery health.

7. TROUBLESHOOTING

- **Console does not power on:** Ensure the console is fully charged. Connect the charging cable and try again.
- **Screen is blank or flickering:** Check HDMI cable connection if using an external display. Restart the console.
- **Games are lagging or freezing:** Ensure the TF card is properly inserted. Some games may require specific settings adjustments within the emulator.
- **No sound:** Check the volume settings on the console and any connected external display. Ensure headphones are properly connected if in use.
- **External gamepads not connecting:** Ensure the gamepad receiver is properly inserted into the console's handle interface. Check gamepad batteries.

If issues persist, please refer to the support information provided with your purchase.

8. SPECIFICATIONS

Feature	Specification
Model Number	14RE304OZ04BKFYXR3
Display	7-inch IPS HD Screen, OCA Lamination Technology
Resolution	1024x600
CPU	Quad-core ARM Cortex-A7MP
RAM	DDR3 1GB
ROM	eMMC 4GB
Operating System	Linux 5.1 RetroArch
HDMI Output	Supports HDMI high-definition output
Languages	Supports 29 languages
Audio	High-quality stereo speakers
Battery	4000mAh
TF Card Support	Up to 256GB expansion
Charging	Type-C, max 2A load
External Gamepads	Supports external gamepads for two-player battles

Feature	Specification
Joysticks	Dual 3D stereo joysticks
Material	ABS
Console Body Dimensions	24.5 x 2.8 x 10.5 cm
Console Body Weight	393g
Recommended Age	15 years and up

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your purchase or contact MINDKEEPS customer service through the retailer where the product was purchased. Keep your proof of purchase for warranty claims.