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› YKASEK R40 Retro Handheld Game Console User Manual

YKASEK R40-001

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Model: R40-001

INTRODUCTION

The YKASEK R40 Retro Handheld Game Console is designed to provide a portable gaming experience with a wide selection of classic games. It features an open-source system, a 3.5-inch IPS screen, and a 3000mAh battery for extended playtime. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your device.

3.5 IN IPS FULL SCREEN

THE 3.5-INCH IPS SCREEN ENSURES YOU SEE HIGH-DEFINITION PICTURES WITHOUT ERRORS AT ALL ANGLES.



Image: Front view of the YKASEK R40 Retro Handheld Game Console, showcasing its 3.5-inch IPS screen and control layout.

1. SETUP

1.1 Charging the Console

Before first use, fully charge the console. Connect the included Type-C charging cable to the console's Type-C port and a 5V 2A power adapter (not included). **Important:** Do not use quick chargers, as this may damage the console due to high voltage or heavy current.

Type-C-OTG

REVERSE CHARGING FUNCTION

DATA TRANSFER

Note: Please use a 5V 2A power adapter for the first charge.



IT CAN PROVIDE EMERGENCY CHARGING FOR 5V POWER SUPPLY DEVICES SUCH AS MOBILE PHONES, AND CAN ALSO CONNECT ADDITIONAL JOYSTICK CONTROLS.

Image: The console connected via Type-C for charging and data transfer, illustrating its OTG capabilities and the need for a 5V 2A power adapter.

1.2 Inserting the TF Card

The console comes with a 128GB TF card pre-installed, containing a library of games. This card is located inside the console and is not separately packaged. You can insert an additional TF card to expand your game collection. Locate the TF card slot on the side of the console and gently insert the card until it clicks into place.

128GB STORAGE

25,000+ GAMES PRE-INSTALLED

IT ALSO SUPPORTS INSERTING AN EXTRA TF CARD TO EXPAND THE CAPACITY TO LOAD MORE GAMES.

SUPPORT:

CPS1/CPS2/CPS3/IAE2003/ATARI5200/ATARI7800/PCE/FC/NES/SFC/SH-ES/N64/GB/GBA/GBC/NDS/SG-100/ID/GG/DC/NEOGEO/NGP/NGPC/PS1/PSP...



Note: The 128GB TF card is inside the game console, not separately in the packaging box.

Image: Illustration highlighting the 128GB storage capacity and the option to expand with an additional TF card.

1.3 Powering On/Off

To power on the console, press and hold the power button located on the top right side of the device until the screen illuminates. To power off, press and hold the power button again until the shutdown sequence begins.

2. OPERATING INSTRUCTIONS

2.1 Basic Controls

The R40 console features a standard control layout for retro gaming:

- **D-Pad:** Directional input for movement and menu navigation.
- **Analog Joysticks:** For games requiring analog input.
- **Action Buttons (A, B, X, Y):** Game-specific actions.
- **SELECT / START Buttons:** For in-game functions and menu selections.

- **Shoulder Buttons (L1, L2, R1, R2):** Located on the top of the console for additional in-game controls.

Your browser does not support the video tag.

Video: A demonstration of the R40 Retro Gaming Console, showcasing its physical design and button layout during gameplay.

2.2 Navigating the System

The console runs on an open-source Linux system. Use the D-Pad or analog joysticks to navigate through the main menu and game lists. The A button typically confirms selections, while the B button acts as a back or cancel function.

2.3 Playing Games

Select a game from the pre-installed library. The console supports various emulators. Once a game is selected, it will launch automatically. Refer to the specific game's controls for optimal play.

2.4 Connecting to a TV

The R40 console can be connected to a TV using an HDMI cable (not included) for a larger display experience. Connect one end of the HDMI cable to the console's HDMI port and the other end to your TV's HDMI input. Select the correct HDMI input on your TV.

2.5 Additional Functions

Beyond gaming, the console can function as a music player, video player, camera, DV recorder, and calculator. Access these features through the main menu.

3. 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 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.
- **Software Updates:** Periodically check for system updates through the console's settings menu (if available) to ensure optimal performance and compatibility.

4. TROUBLESHOOTING

Problem	Possible Cause	Solution
Console does not power on.	Low battery; power button not held long enough.	Charge the console for at least 30 minutes. Press and hold the power button for 3-5 seconds.
Console not charging or charging slowly.	Incorrect charger (e.g., quick charger); faulty cable/adaptor; charging port issue.	Ensure you are using a 5V 2A power adapter. Try a different Type-C cable and adapter. Check the charging port for debris.
Controls are unresponsive or incorrect.	Software glitch; game-specific control mapping.	Restart the console. Check in-game settings for control remapping options. Some emulators may require specific configuration.

Problem	Possible Cause	Solution
Software glitches or freezing.	Temporary software error.	Restart the console. If persistent, consider checking for system updates or performing a factory reset (consult manufacturer support before doing so).
Inconsistent power on/off.	Power button sensitivity; software issue.	Ensure a firm and consistent press of the power button for the recommended duration. If issues persist, contact support.

5. SPECIFICATIONS

Model	R40-001
CPU	1.2GHz 64-bit RK3326 (ARM64bit quad-core Cortex-A35)
Operating System	Linux (Open Source)
Screen Size	3.5 inches IPS
Screen Resolution	640*480 pixels
Internal Storage	128 GB (TF Card)
Expandable Storage	Yes, via additional TF card
Battery Capacity	3000mAh
Battery Life	Up to 10 hours (average 5-7 hours)
Charging Port	Type-C (OTG support)
Audio Output	Built-in speakers, 3.5mm headphone jack
Video Output	HDMI
Dimensions (L x W x H)	6.2" x 4.2" x 1.3" (15.7cm x 10.7cm x 3.3cm)
Weight	0.4 lbs (185g)
Material	ABS



PRODUCT PARAMETERS

CPU DUAL CORE/1.2G	BATTERY LIFE 5~7 HOURS
RAM DDR3/2GB	SIMULATORS 128G
BATTERY 3000MAH	SCREEN 3.5IN IPS
INPUT 100~240V,50/60 HZ	OUTPUT 5V-2A
INTERFACE TYPE-C/TYPER-C-OTG/3.5MM HEADPHONE JACK/HDMI	

Image: A visual representation of the product's key technical specifications.

PRODUCT SIZE

COMPACT AND LIGHTWEIGHT DESIGN



Image: Diagram showing the compact dimensions and weight of the YKASEK R40 console.

6. WARRANTY INFORMATION

Specific warranty details for the YKASEK R40 Retro Handheld Game Console are typically provided with your purchase documentation. Please refer to the warranty card or information included in the product packaging for terms, conditions, and duration of the warranty.

7. CUSTOMER SUPPORT

For further assistance, technical support, or inquiries regarding your YKASEK R40 Retro Handheld Game Console, please contact the manufacturer or the retailer from whom you purchased the product.

You may also visit the official YKASEK website for potential FAQs, firmware updates, or contact information.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question