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Karolama tv box

Karolama H96 Max RK3528 Android 13.0 TV Box User Manual

Model: tv box

1. Product Overview

The Karolama H96 Max RK3528 Android 13.0 TV Box is a smart media player designed to transform your television into a smart entertainment hub. It features a powerful RK3528 Quad Core A53 Processor, 4GB RAM, and 64GB ROM, enabling smooth performance for various applications and 8K video decoding.

Key features include:

- **Operating System:** Android 13.0
- **Processor:** RK3528 Quad Core ARM Cortex A53
- **Graphics:** Penta-Core Mali-450 (Up to 750Mhz+)
- **Memory:** 4GB DDR3 RAM, 64GB EMMC Flash
- **Connectivity:** 2.4G/5G Dual WiFi, Bluetooth 4.0, USB 2.0
- **Video Output:** Supports 4K2K H.265 Hardware Video Decode and 4K2K Output, HD 2.0 up to 4Kx2K@60 max resolution with HDR, CEC, and HDCP 2.2
- **Audio:** Supports various audio formats.
- **Power Supply:** DC 5V/2A



Image 1.1: The H96 Max TV Box and its accompanying remote control. The box is white with a purple and blue logo, and the remote is black with purple buttons.

2. Setup Guide

2.1. Package Contents

Before you begin, please ensure all items are present in the package:

- H96 Max TV Box
- Remote Control
- Power Adapter
- HDMI Cable (typically included, though not explicitly listed)
- User Manual (this document)

2.2. Connecting Your TV Box

1. **Connect to TV:** Insert one end of the HDMI cable into the HDMI port on the TV Box and the other end into an available HDMI input on your television. Note the HDMI input number (e.g., HDMI 1, HDMI 2) for later selection.
2. **Connect Power:** Plug the power adapter into the DC 5V port on the TV Box, then plug the adapter into a wall outlet. The power indicator LED on the box should illuminate blue, indicating it is powered on.

3. **Connect to Network (Optional):**
    - **Wi-Fi:** For wireless connection, the device will prompt you to select a Wi-Fi network during initial setup.
    - **Ethernet:** For a wired connection, connect an Ethernet cable from your router to the RJ45 port on the TV Box.



Image 2.1: The H96 Max TV Box shown connected to a television, illustrating the setup with the power adapter and remote control.

2.3. Initial Setup Wizard

Upon first power-on, the TV Box will guide you through an initial setup wizard:

1. **Language Selection:** Choose your preferred language (e.g., English, French, German).
2. **Network Configuration:** Select your Wi-Fi network and enter the password, or confirm the Ethernet connection.
3. **Date and Time:** Set the correct date and time zone.
4. **Display Settings:** Adjust screen resolution and display area if necessary.
5. **Google Account (Optional):** Sign in with your Google account to access the Google Play Store and other Google

services.

3. Operating Instructions

3.1. Remote Control Functions

Familiarize yourself with the remote control for easy navigation:

- **Power Button:** Turns the device on/off or puts it into standby mode.
- **Navigation Pad (Up/Down/Left/Right/OK):** Used to navigate menus and select items.
- **Back Button:** Returns to the previous screen.
- **Home Button:** Returns to the main home screen.
- **Menu Button:** Accesses context-sensitive menus.
- **Volume Buttons:** Adjusts the audio volume.
- **Mouse/Cursor Button:** Activates a virtual mouse cursor on screen, which can be useful for navigating applications not fully optimized for D-pad control.

3.2. Navigating the Android Interface

The H96 Max TV Box runs on Android 13.0, providing a user-friendly interface. Use the remote's navigation pad to move between icons and sections on the home screen. Press the **OK** button to launch applications or confirm selections.



Image 3.1: Visual representation of the Android 13.0 operating system interface on the TV Box, highlighting the version upgrade from previous Android versions.

3.3. Connecting External Devices

- **USB Devices:** Connect USB flash drives, external hard drives, keyboards, or mice to the USB 2.0 port for expanded storage or easier input.
- **Bluetooth Devices:** Pair Bluetooth headphones, game controllers, or other peripherals via the Bluetooth 4.0 settings in the Android system menu.

3.4. Multi-screen Interaction

The TV Box supports various multi-screen interaction protocols, allowing you to cast content from your mobile devices to your TV:

- **Airplay:** For Apple iOS devices.
- **DLNA:** For compatible Android and other devices.
- **WiFiDisplay:** For general screen mirroring.

Refer to your mobile device's casting or screen mirroring settings and the TV Box's pre-installed casting applications for detailed instructions.

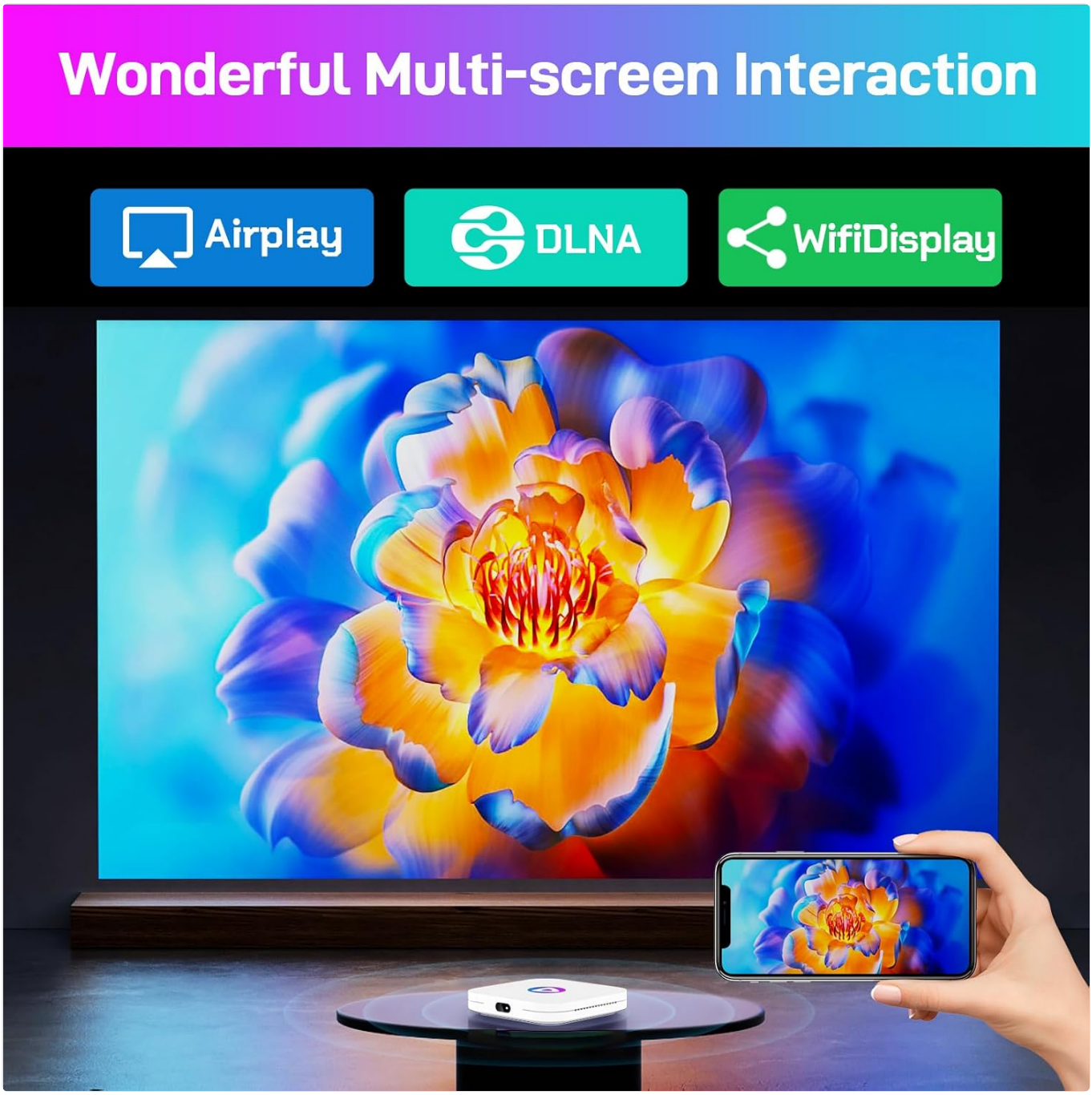


Image 3.2: Illustration of the multi-screen interaction capabilities, including Airplay, DLNA, and WiFiDisplay, allowing content sharing from mobile devices to the TV.

3.5. Application Scenarios

The H96 Max TV Box is versatile and can be used for various purposes:

- **Watching Movies:** Stream content from popular video services.
- **Playing Games:** Enjoy Android games on your TV screen.
- **Music Sharing:** Play music through your home entertainment system.
- **Meetings:** Utilize for presentations or video conferencing (requires compatible apps and peripherals).



Image 3.3: Examples of how the TV Box can be used, including watching movies, playing games, music sharing, and for meetings.

4. Maintenance

4.1. General Care and Cleaning

- Keep the device in a dry, well-ventilated area, away from direct sunlight, heat sources, and moisture.
- Do not block ventilation openings.
- Clean the device with a soft, dry cloth. Do not use liquid cleaners or aerosols.
- Avoid dropping or subjecting the device to strong impacts.

4.2. Software Updates (OTA)

The H96 Max TV Box supports Over-The-Air (OTA) firmware updates to improve performance, add new features, and fix bugs. It is recommended to keep your device's software up to date.

1. **Connect to Internet:** Ensure your TV Box is connected to a stable internet connection (Wi-Fi or Ethernet).

2. **Find FOTA Update App:** Locate and open the "FOTA Update" or "System Update" application on your TV Box.
3. **Check for Updates:** Click "CHECK VERSION" to scan for available updates.
4. **Install Update:** If a new version is found, follow the on-screen prompts to download and install it.

Important: Do not power off the device during the update process. The box will restart automatically after a successful update and return to the main screen.



Image 4.1: Steps for performing an OTA (Over-The-Air) online software upgrade, showing the system update interface.

5. Troubleshooting

This section addresses common issues you might encounter with your H96 Max TV Box.

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
No power / Device not turning on	Power adapter not connected or faulty.	Ensure the power adapter is securely plugged into the TV Box and a working power outlet. Try a different outlet.
No signal on TV screen	Incorrect HDMI input selected on TV; HDMI cable loose or faulty.	Select the correct HDMI input on your TV (e.g., HDMI 1, HDMI 2). Check HDMI cable connections; try a different HDMI cable or port.
Wi-Fi connection issues	Incorrect Wi-Fi password; router too far; interference.	Verify Wi-Fi password. Move the TV Box closer to the router. Restart your router and the TV Box.
Remote control not responding	Low battery; line of sight blocked; remote not paired.	Replace batteries. Ensure no obstructions between remote and TV Box. Re-pair the remote if it's a Bluetooth remote (refer to device settings).
Difficulty navigating certain apps (e.g., scrolling)	App not fully optimized for standard TV box remote control.	Utilize the remote's mouse/cursor mode. Consider connecting a USB mouse or a wireless keyboard with a trackpad for easier navigation in such applications.

6. Specifications

Detailed technical specifications for the Karolama H96 Max RK3528 Android 13.0 TV Box:

Feature	Specification
Model Name	tv box
Operating System	Android 13.0
CPU	RK3528 Quad Core ARM Cortex A53
GPU	Penta-Core Mali-450 Up to 750Mhz+
RAM	4GB DDR3
ROM (Flash)	64GB EMMC
Wi-Fi	2.4G + 5.0G Dual Band
Bluetooth	BT 4.0
USB Ports	1 High speed USB 2.0
Video Decoding	4K2K H.265 Hardware Video Decode
Video Output	4K2K Output, HD 2.0 up to 4Kx2K@60 max resolution with HDR, CEC, HDCP 2.2
Power Supply	DC 5V/2A
Dimensions	13.78 x 7.09 x 1.18 inches (Product Dimensions from specs)
Weight	1.1 pounds

Feature	Specification
Color	Purple (as per product color name)

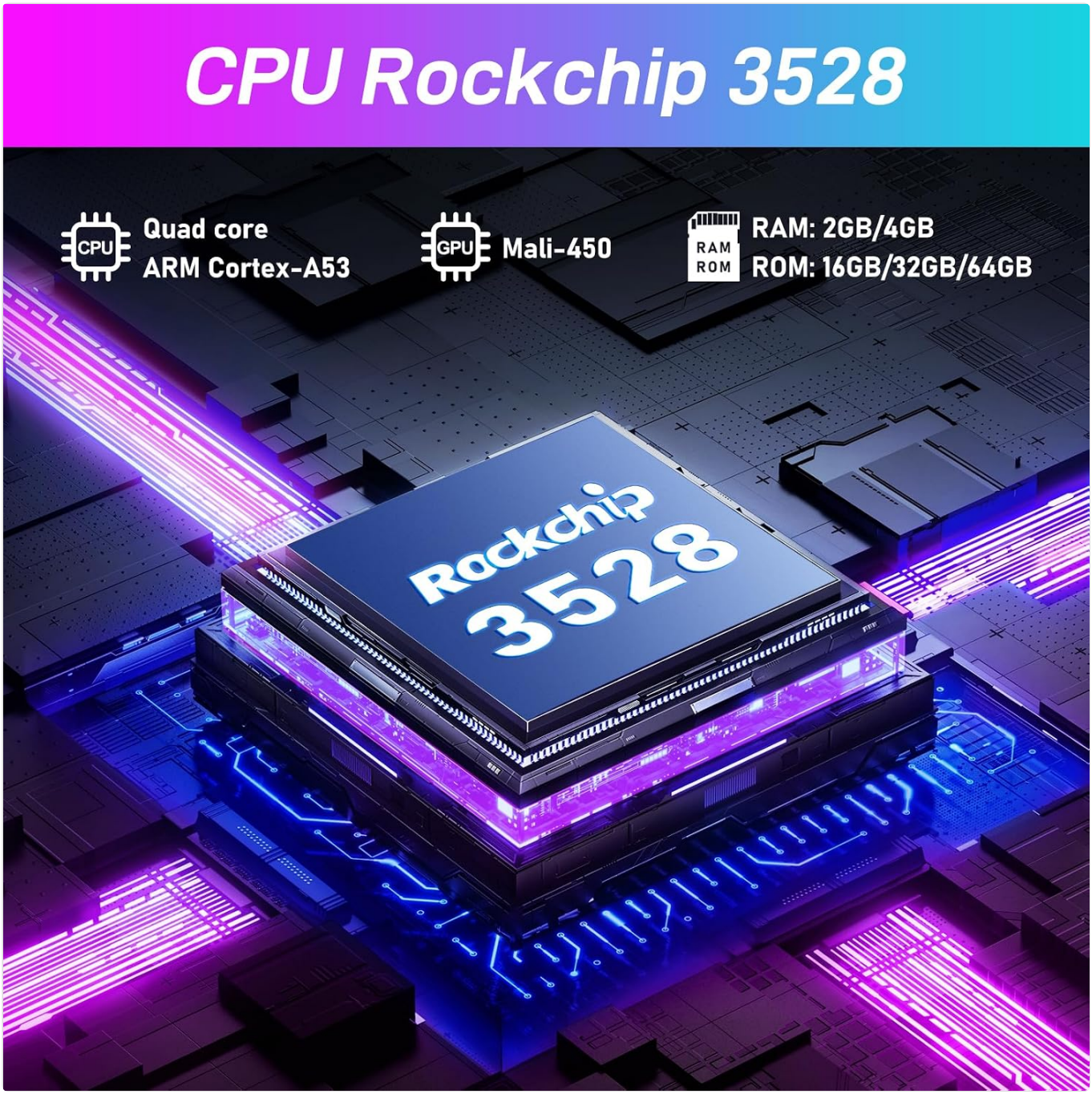


Image 6.1: Diagram illustrating the Rockchip 3528 CPU architecture, highlighting its quad-core ARM Cortex-A53 and Mali-450 GPU components.



Image 6.2: Display showing support for 8K video decoding, HDR, and H.265 HEVC technologies.

7. Warranty and Support

7.1. Warranty Information

Specific warranty terms and conditions for the Karolama H96 Max RK3528 Android 13.0 TV Box may vary by region and retailer. Please refer to the warranty card included with your product or consult the point of purchase for detailed warranty coverage information.

7.2. Customer Support

For technical assistance, troubleshooting beyond this manual, or inquiries regarding your product, please contact Karolama customer support. Visit the official Karolama website or refer to the contact information provided with your purchase documentation.

You can also visit the Karolama Store on Amazon for more information and support resources: Karolama Store

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