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VHXSIN X96mini android tv box

User Manual for VHXSIN X96 Mini Android TV Box

Model: X96mini android tv box

Introduction

The VHXSIN X96 Mini Android TV Box is a streaming media player designed to transform your television into a smart entertainment hub. Equipped with an Amlogic S905W Quad-Core processor, 2GB RAM, and 16GB ROM, it supports 4K video playback, dual-band Wi-Fi, and a variety of multimedia formats. This manual provides essential information for setting up, operating, and maintaining your device.

Package Contents

Please verify that all items are present in the package:

- 1 x X96 Mini TV Box
- 1 x Power Adapter
- 1 x Remote Control
- 1 x HD Cable
- 1 x User Manual (this document)



Image: All components included in the X96 Mini TV Box package. This includes the main TV box unit, an infrared remote control, a power adapter, an HDMI cable, and the user manual.

Product Overview

The X96 Mini TV Box features a compact design with various ports for connectivity.



Image: The X96 Mini TV Box, a small black square device, shown alongside its black remote control. The TV box has the "X96 mini" logo on its top surface.

Key Features:

- **Amlogic S905W Quad-Core Chipset:** Equipped with an Amlogic S905W Quad core A35 processor running at 2.0GHz for fast application, video, and game performance.
- **2GB RAM + 16GB ROM:** Provides ample space for applications, browsing, games, and movies.
- **2.4G WiFi & Ethernet:** Built-in 2.4G WiFi and 10/100M RJ-45 Ethernet LAN for stable and high-quality video streaming.
- **4K HDR+ Support:** Delivers high-definition video playback with HDR10+ technology for a lifelike viewing experience.



Image: The X96 Mini TV Box on a table, surrounded by icons highlighting its specifications: Android 10.0 operating system, 2GB RAM, 16GB internal storage, MaliG31 GPU, Cortex-A53 CPU, 4K HD resolution support, HDR capability, and 2.4G WiFi connectivity.



Image: A visual representation of the X96 Mini TV Box's 4K HDR10+ and H.265 HEVC video decoding capabilities, showing vibrant colors and high detail on multiple screens, emphasizing its advanced video processing.

Ports and Interfaces:

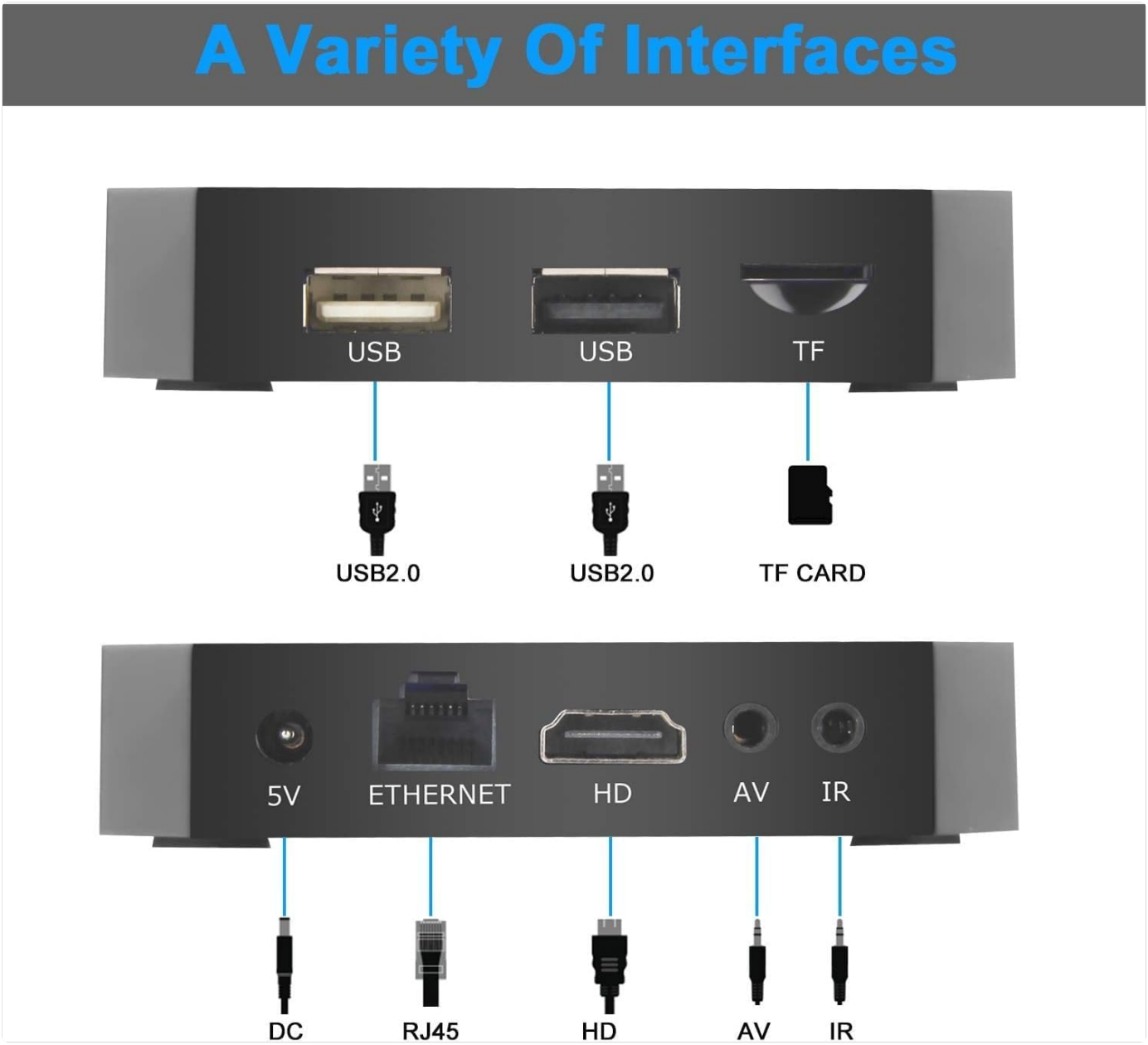


Image: A detailed diagram illustrating the various input/output ports on the X96 Mini TV Box. These include two USB 2.0 ports, a TF (microSD) card slot, a DC 5V power input, an RJ45 Ethernet port, an HDMI port, an AV (audio/video) output, and an IR (infrared) port for the remote control.

- **USB 2.0 Ports:** Two ports for connecting external devices like USB drives or keyboards.
- **TF Card Slot:** For expanding storage with a TF (microSD) card.
- **DC 5V:** Power input port.
- **Ethernet (RJ45):** For wired network connection.
- **HDMI:** High-definition video and audio output to your TV.
- **AV:** Analog audio/video output.
- **IR:** External IR receiver port (if applicable).

Setup Guide

1. **Connect to TV:** Connect one end of the provided HD cable to the HDMI port on the X96 Mini TV Box and the other end to an available HDMI input on your television.

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 device should power on automatically, or you may need to press the power button on the remote.
3. **Select Input:** On your TV, select the correct HDMI input source that corresponds to the port you connected the TV Box to.
4. **Initial Setup:** Follow the on-screen instructions to complete the initial setup, which typically includes language selection, screen calibration, and network connection.
5. **Network Connection:**
    - **Wi-Fi:** Navigate to Settings > Network > Wi-Fi, select your network, and enter the password.
    - **Ethernet:** Connect an Ethernet cable from your router to the RJ45 port on the TV Box. The connection should be established automatically.

Operating Instructions

Using the Remote Control:

The included remote control allows you to navigate the Android interface and control media playback. Familiarize yourself with the buttons:

- **Power Button:** Turns the device on/off or puts it into standby.
- **Navigation Pad (Arrow Keys & OK):** Used to move through menus and select items.
- **Back Button:** Returns to the previous screen.
- **Home Button:** Returns to the main home screen.
- **Volume Buttons:** Adjusts the audio volume.
- **Media Playback Controls:** Play, Pause, Fast Forward, Rewind, Stop.
- **Number Pad:** For direct input or channel selection (if applicable).

Navigating the Interface:

The X96 Mini runs on an Android operating system. You can access installed applications, settings, and media content from the home screen. Use the remote's navigation pad to select icons and press OK to launch.

Installing Applications:

You can download and install applications from the pre-installed app store or by sideloading APK files. Ensure you only install apps from trusted sources.

Media Playback:

The device supports various video and audio formats. You can play media from connected USB drives, TF cards, or stream content over the network from services like Prime Video, Disney+, and YouTube (subscription fees may apply for some services).

Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. Do not use liquid cleaners or aerosols.
- **Ventilation:** Ensure the TV Box is placed in a well-ventilated area to prevent overheating. Do not block ventilation openings.
- **Software Updates:** Periodically check for system updates in the device settings to ensure optimal performance and security.
- **Power Off:** When not in use for extended periods, it is recommended to power off the device and unplug the power adapter.

Troubleshooting

Problem	Possible Cause	Solution
No power/Device not turning on	Power adapter not connected or faulty; power outlet issue.	Ensure power adapter is securely connected to the device and a working power outlet. Try a different outlet.
No signal on TV screen	Incorrect HDMI input selected on TV; loose HDMI cable connection.	Verify your TV is set to the correct HDMI input. Check that the HDMI cable is securely connected at both ends.
Wi-Fi connection issues	Incorrect Wi-Fi password; router too far; interference.	Double-check Wi-Fi password. Move the TV Box closer to the router. Restart your router and the TV Box.
Remote control not working	Low batteries; IR sensor blocked; remote not paired (if Bluetooth).	Replace batteries. Ensure no obstructions between remote and TV Box. Point remote directly at the TV Box.
Applications freezing or crashing	Insufficient RAM; app compatibility issues; outdated software.	Close background applications. Clear app cache. Update the app or the TV Box firmware. Restart the device.

Specifications

Feature	Detail
CPU	Amlogic S905W, Quad-Core, Cortex-A53
GPU	Penta-Core Mali-450
RAM	DDR3 2GB
ROM	eMMC 16GB
Wi-Fi	2.4G
Ethernet	Standard 10/100M, Gigabit RJ-45
Video Output	SD/HD Max. 1920 x 1080 pixels (Supports 4K resolution)

Feature	Detail
Power Supply	DC 5V/2A
Supported Video Formats	Avi / Rm / Rmvb / Ts / Vob / Mkv / Mov / ISO / wmv / asf / flv / dat / mpg / mpeg
Supported Audio Formats	MP3 / WMA / AAC / WAV / OGG / AC3 / DDP / TrueHD / DTS / DTS / HD / FLAC / APE
Supported Photo Formats	HD JPEG / BMP / GIF / PNG / TIFF
Dimensions	7.09 x 4.72 x 2.36 inches
Color	Black

Warranty and Support

VHXSIN provides a one-year warranty and lifetime technical support for the X96 Mini Android TV Box. Each unit undergoes a 4-hour aging test to ensure quality.
For any questions or issues, please contact VHXSIN customer support. They aim to resolve problems within 24 hours.
Note: Warranty terms may vary based on region and retailer. Please refer to your purchase documentation for specific details.

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