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VHXSIN X96Q tv box

VHXSIN X96Q Android TV Box User Manual

Model: X96Q tv box

Brand: VHXSIN

INTRODUCTION

The VHXSIN X96Q Android TV Box is a smart media player designed to transform your television into a smart TV. Powered by Android 10.0, it offers access to a wide range of applications, streaming services, and multimedia content. With its Allwinner H313 Quad Core processor and G31 GPU, it supports 4K Ultra HD video playback and H.265 decoding for a smooth and high-quality viewing experience. This manual provides essential information for setting up, operating, and maintaining your X96Q TV Box.

PACKAGE CONTENTS

Please check the package contents carefully upon unboxing to ensure all items are present:

Package Contents



Device



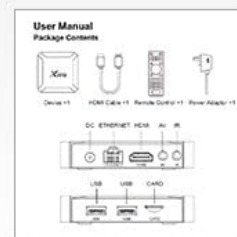
Remote Control
(Battery not Included)



Power Supply



HD data cable



User Manual

Figure 1: X96Q TV Box Package Contents. Includes the X96Q device, remote control (batteries not included), power supply, HD data cable (HDMI), and a user manual.

- X96Q Android TV Box
- Remote Control (Batteries not included)
- Power Adapter
- HDMI Cable
- User Manual

SETUP GUIDE

1. Connecting the Device

Follow these steps to connect your X96Q TV Box to your television and power source:



Figure 2: X96Q TV Box Interface Overview. Ports include DC (Power), Ethernet, HD (HDMI), AV, USB (x2), and IR (for external IR cable), and a Card slot.

1. Connect to TV:

- For modern TVs: Connect one end of the provided HDMI cable to the "HD" port on the X96Q TV Box and the other end to an HDMI input port on your television.
- For older TVs: If your TV does not have an HDMI port, you can use an AV cable (not included) to connect to the "AV" port on the TV Box and the corresponding AV input ports on your television.

2. **Connect Power:** Plug the power adapter into the "DC" port on the X96Q TV Box, then plug the other end into a wall outlet.

3. **Power On:** The device should automatically power on, or you may need to press the power button on the remote control.

Suitable for various TVs

With AV interface & HDM interface , support a variety of LCD TVs and old TVs.



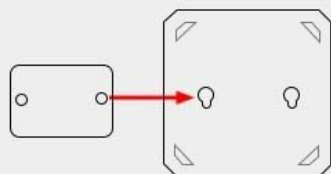
LCD TV



OTT TV BOX



Old TV



Hang the wall mount on the back of the device



Paste the device on the wall or the back of the TV



Figure 3: Connection Versatility and Mounting Options. The X96Q supports both HDMI for LCD TVs and AV for older TVs. It can also be wall-mounted or pasted to a surface.

2. Network Connection

To access online content, connect your TV Box to the internet:

- **Wi-Fi Connection:**

1. Go to Settings > Network > Wi-Fi.
2. Select your Wi-Fi network from the list.
3. Enter your Wi-Fi password and select "Connect".

- **Ethernet Connection:**

1. Connect an Ethernet cable from your router to the "ETHERNET" port on the X96Q TV Box.
2. The device should automatically detect and connect to the wired network.

OPERATING INSTRUCTIONS

1. Remote Control Usage

The included remote control allows you to navigate the Android TV interface. Familiarize yourself with its buttons:



Figure 4: X96Q TV Box and Remote Control. The remote features power, navigation, volume, app, and media control buttons.

- **Power Button:** Turns the device on/off or puts it into standby.
- **Navigation Pad (Arrows and 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.
- **App Button:** Accesses the installed applications list.
- **Media Control Buttons:** Play, Pause, Fast Forward, Rewind.
- **Number Buttons:** For direct input or channel selection (if applicable).

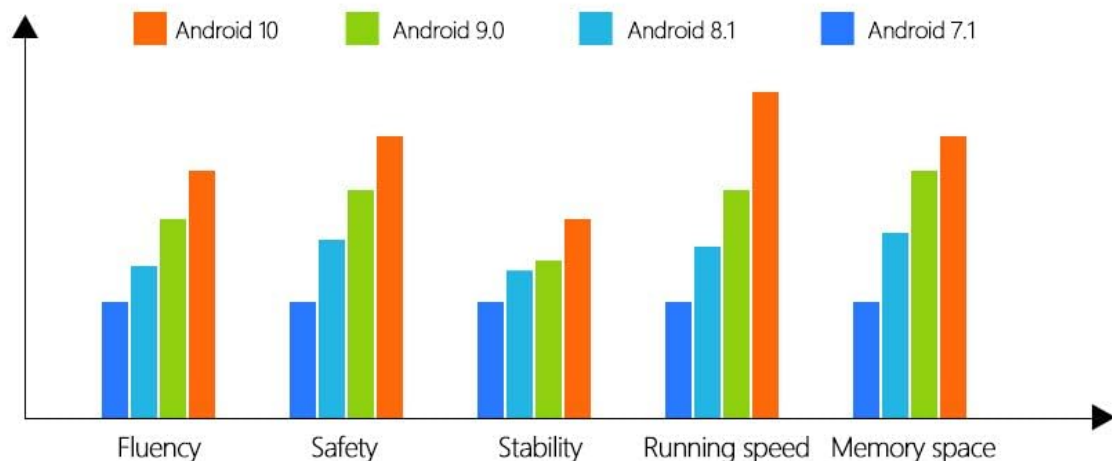
2. Navigating Android TV

The X96Q TV Box runs on Android 10.0, providing a user-friendly interface:

Android 10

First to support Google's new system Android 10, and greatly optimized for the system, can support a minimum of 1GB of memory

feature	IOS	Android 10
Fluency		The system natively supports Vulkan 3D technology. Android 10 UI preferentially uses Vulkan for drawing, which has higher efficiency and lower load.
Safety		File encryption technology based on Google Adiantum algorithm, enabled by default to avoid data leakage caused by Flash
Stability		Smarter background memory management technology (LMKD-PSI), small memory application, faster killing process, foreground process is less affected by background process
Running speed		Virtual machine code optimization to improve execution efficiency
Memory space		New dynamic partitioning technology, flexible allocation of Flash partitions, saving storage space



* Data analysis chart is for reference only

Figure 5: Android 10.0 System Advantages. This chart highlights improvements in fluency, safety, stability, running speed, and memory management with Android 10 compared to previous versions.

- The home screen displays your favorite apps, recommended content, and system settings.
- Use the navigation pad on the remote to move between icons and sections.
- Press the "OK" button to open an app or select an option.
- Access the Google Play Store to download and install additional applications.

3. Media Playback and Streaming

The X96Q TV Box supports high-quality media playback:

- **4K Ultra HD:** Enjoy movies and shows in stunning 4K resolution (up to 4K@60fps).
- **H.265 Decoding:** Efficiently decodes H.265 video, saving bandwidth while maintaining high quality.
- **3D Support:** Experience immersive 3D content (requires compatible 3D TV and content).
- **Supported Services:** Access popular streaming platforms such as Netflix, YouTube, iTunes, Skype, and Google TV.

4. Screen Mirroring

Share content from your mobile devices to your TV using the X96Q TV Box:



Airplay 

DLNA 

Miracast 

ENJOY BIG SCREEN

SUPPORT DLNA, MIRACAST, AIRPLAY

You can play games and watch movies on the big screen

Figure 6: Enjoy Big Screen with Mirroring. The X96Q supports DLNA, Miracast, and Airplay for casting content from your mobile devices to your television.

- **DLNA:** Digital Living Network Alliance allows sharing media between compatible devices on the same network.
- **Miracast:** A standard for wireless connections from sending devices (like smartphones, tablets, or computers) to display receivers (like the TV Box).
- **Airplay:** Apple's proprietary protocol suite that allows wireless streaming of audio, video, device screens, and photos between Apple devices and AirPlay-compatible receivers.

5. Product Overview Video

Watch this video for a quick overview of the X96Q Android TV Box, highlighting its features and components.

Your browser does not support the video tag.

Video: X96Q Android TV Box Overview. This video provides a visual demonstration of the device, its ports, and key specifications like CPU, OS, and network capabilities.

MAINTENANCE

To ensure the longevity and optimal performance of your X96Q TV Box, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the device. Avoid liquid cleaners or abrasive materials.
- **Ventilation:** Ensure the device is placed in a well-ventilated area to prevent overheating. Do not block ventilation openings.
- **Power Off:** When not in use for extended periods, it is recommended to power off the device and unplug it from the power outlet.
- **Software Updates:** Periodically check for system updates in the settings menu to ensure you have the latest features and security patches.

TROUBLESHOOTING

If you encounter issues with your X96Q TV Box, refer to the following common problems and solutions:

Problem	Possible Solution
No Power	<ul style="list-style-type: none">◦ Ensure the power adapter is securely connected to the device and the wall outlet.◦ Try a different power outlet.
No Signal on TV	<ul style="list-style-type: none">◦ Verify the HDMI/AV cable is securely connected to both the TV Box and the TV.◦ Ensure your TV is set to the correct HDMI/AV input source.◦ Restart the TV Box.
Wi-Fi Connection Issues	<ul style="list-style-type: none">◦ Check if your Wi-Fi router is working correctly.◦ Re-enter the Wi-Fi password in the network settings.◦ Move the TV Box closer to the Wi-Fi router or use an Ethernet cable.
Apps Crashing or Freezing	<ul style="list-style-type: none">◦ Close and reopen the app.◦ Clear the app's cache and data in Settings > Apps.◦ Restart the TV Box.◦ Ensure there is enough free storage space.

SPECIFICATIONS

Detailed technical specifications for the VHXSIN X96Q Android TV Box:

Feature	Description
Model Name	X96Q tv box
Operating System	Android 10.0
CPU	Allwinner H313 Quad Core ARM A53
GPU	G31 OPenGL3.2
RAM	1GB

Feature	Description
ROM	8GB
Wi-Fi	2.4GHz
Ethernet	10M-100M LAN
USB Ports	2 x USB 2.0
Video Output	HDMI (4K@60fps), AV
Video Decoding	H.265 Hardware Decoding
Special Features	3D Support, DLNA, Miracast, Airplay
Supported Internet Services	Netflix, iTunes, Skype, Google TV, YouTube
Color	Black
Dimensions	18 x 12 x 6 inches

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or contact the seller/manufacture directly. Keep your proof of purchase for warranty claims.

Manufacturer: VHXSIN

