JUSHENG X96H

JUSHENG X96H Android TV Box User Manual

Model: X96H

1. INTRODUCTION

This user manual provides detailed instructions for the JUSHENG X96H Android TV Box. It covers the setup, operation, maintenance, and troubleshooting of your device. Please read this manual carefully before using the product to ensure proper and safe operation.

2. PACKAGE CONTENTS

Upon opening the package, please verify that all the following items are included:

- 1 x JUSHENG X96H Android TV Box
- 1 x US Power Adapter
- 1 x Remote Control
- 1 x HD Cable (HDMI)
- 1 x User Manual (this document)

Image: The X96H Android TV Box and its retail packaging, illustrating the compact design of the device.

3. PRODUCT OVERVIEW

The JUSHENG X96H Android TV Box is designed to transform your television into a smart entertainment hub. It features various ports for connectivity and a user-friendly interface.

Image: The X96H Android TV Box alongside its included remote control, showcasing the device's compact form factor and the remote's button layout.

3.1 Device Ports and Indicators

Familiarize yourself with the ports and indicators on your X96H device:

Image: A side view of the X96H Android TV Box, highlighting its various connectivity ports such as USB, HDMI, and Ethernet.

- **DC 5V/2A:** Power input port.
- **Ethernet (RJ-45):** For wired network connection.
- **HDMI:** Connects to your TV or display.
- **USB 2.0:** For connecting external storage devices (USB drives, external HDDs) or peripherals.
- **SD/SDHC/MMC Card Slot:** For expanding storage with memory cards.
- **Optical (SPDIF):** For digital audio output.
- **AV:** For connecting to older TVs using an AV cable (composite video and stereo audio).

4. SETUP GUIDE

Follow these steps to set up your JUSHENG X96H Android TV Box:

4.1 Connecting to Your TV

1. Connect one end of the provided HDMI cable to the HDMI port on the X96H TV Box.

2. Connect the other end of the HDMI cable to an available HDMI input port on your television. Note the HDMI input number (e.g., HDMI 1, HDMI 2).

4.2 Connecting Power

1. Plug the US Power Adapter into the DC 5V/2A port on the X96H TV Box.
2. Plug the power adapter into a wall outlet. The device should power on automatically, or you may need to press the power button on the remote control.

4.3 Network Connection

You have two options for connecting to the internet:

4.3.1 Wired Connection (Ethernet)

1. Connect an Ethernet cable from your router or modem to the RJ-45 Ethernet port on the X96H TV Box.
2. The device will automatically detect and connect to the wired network.

4.3.2 Wireless Connection (Wi-Fi)

1. Once the device is powered on and connected to your TV, navigate to the Settings menu on the screen.
2. Select *Network & Internet* or *Wi-Fi.*
3. Turn on Wi-Fi if it's off. The device will scan for available networks.
4. Select your Wi-Fi network from the list.
5. Enter your Wi-Fi password using the on-screen keyboard and the remote control.
6. Select *Connect.*

Image: An illustration highlighting the X96H's support for Wi-Fi 6 technology, indicating faster speeds and improved wireless performance for both 2.4G and 5.8G bands.

4.4 Initial Setup Wizard

Upon first boot-up, the device may guide you through an initial setup wizard. Follow the on-screen prompts to:

- Select your preferred language.
- Set up your time zone.
- Log in with your Google account (recommended for accessing Google Play Store and services).

5. OPERATING INSTRUCTIONS

This section details how to navigate and use your X96H Android TV Box.

5.1 Navigating the Interface

Use the included remote control to navigate the Android TV interface:

- **Directional Pad (D-Pad):** Use the up, down, left, and right arrows to move between icons and menu options.
- **OK Button:** Press to select an item or confirm an action.
- **Back Button:** Returns to the previous screen or menu.
- **Home Button:** Returns to the main home screen.
- **Volume Buttons:** Adjust the audio volume.

5.2 Installing and Managing Applications

The X96H runs on Android 13.0, providing access to a wide range of applications.

Image: A graphic illustrating the X96H's upgrade to Android 13.0, emphasizing its enhanced performance and graphics processing compared to previous Android versions.

5.2.1 Installing Apps from Google Play Store

1. From the home screen, select the *Google Play Store* icon.
2. Search for the desired application using the search function or browse categories.
3. Select the app and then select *Install*.

5.2.2 Uninstalling Apps

1. Go to *Settings > Apps*.

2. Select the app you wish to uninstall.

3. Select *Uninstall* and confirm.

5.3 Media Playback

The X96H supports various media formats and resolutions up to 6K, including HDR10 and 3D content.

- **Local Media:** Connect a USB drive or SD card containing your media files. Use a file manager app or a media player app (e.g., VLC, Kodi) to browse and play content.
- **Streaming Services:** Install popular streaming apps like Netflix, Hulu, YouTube, etc., from the Google Play Store and log in to your accounts.

5.4 Multi-screen Interaction

The device supports various protocols for casting content from your mobile devices to the TV screen.
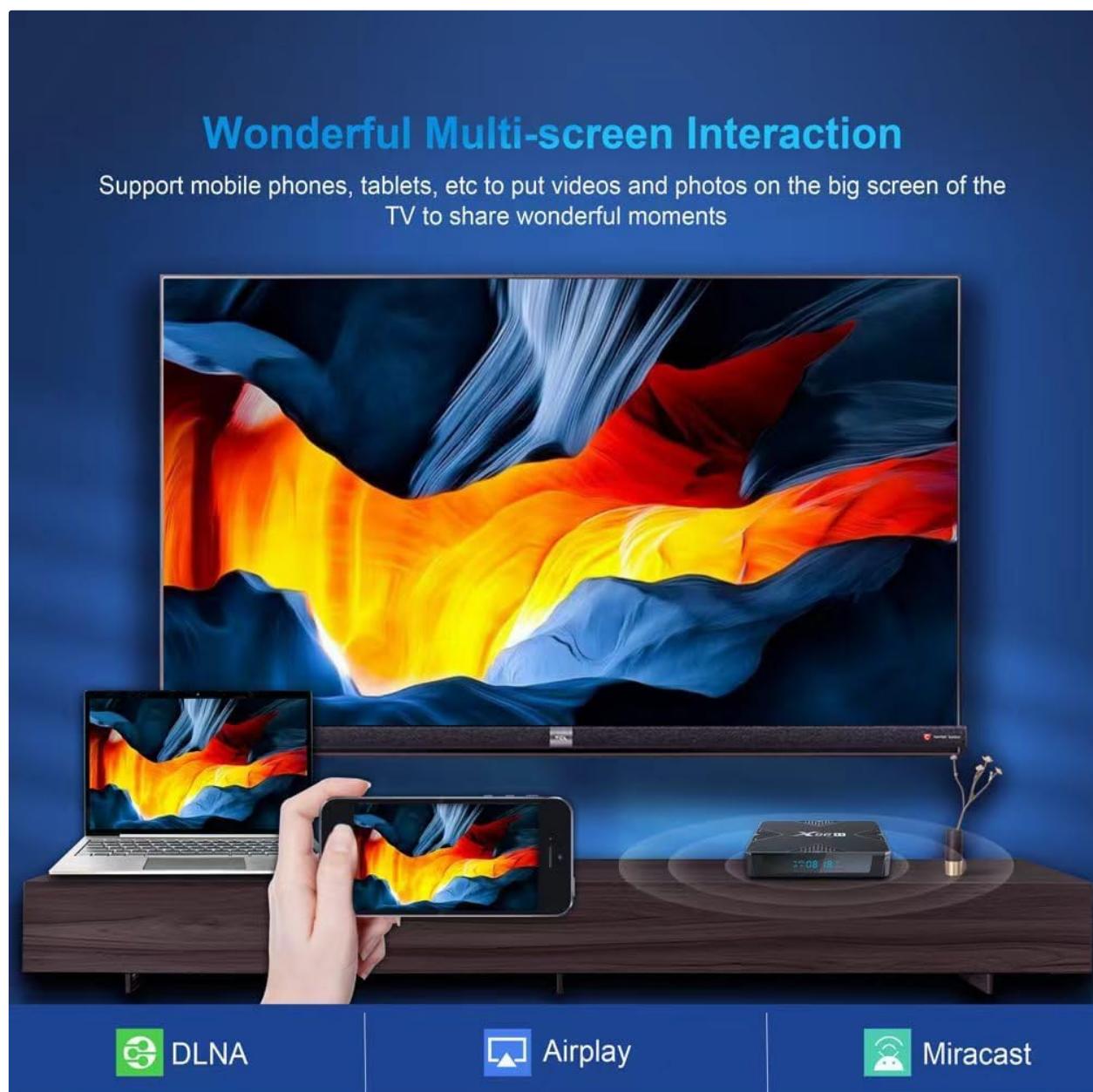

Image: A visual representation of the X96H Android TV Box facilitating multi-screen interaction, allowing users to cast content from mobile phones, tablets, and laptops to a larger TV display via DLNA, Airplay, and Miracast.

- **DLNA:** For sharing media content across devices on the same network.
- **Airplay:** For casting content from Apple devices.

- **Miracast:** For mirroring Android device screens.

Refer to your mobile device's casting instructions for specific steps on how to initiate screen mirroring or content casting.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your X96H Android TV Box.

6.1 Cleaning

- Unplug the device before cleaning.
- Use a soft, dry cloth to wipe the exterior of the device.
- Do not use liquid cleaners or abrasive materials.

6.2 Software Updates (OTA)

The X96H supports Over-The-Air (OTA) updates to ensure your system is always up-to-date with the latest features and security patches.

1. Ensure the device is connected to the internet.
2. Go to *Settings > About > System Update*.
3. Check for available updates and follow the on-screen instructions to install them. Do not power off the device during an update.

6.3 Storage Management

Regularly manage your device's storage to maintain performance.

- Go to *Settings > Storage*.
- Clear cache data for apps that consume a lot of space.
- Uninstall unused applications.
- Consider using external storage (USB drive, SD card) for large media files.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your X96H Android TV Box.

7.1 No Power

- Ensure the power adapter is securely connected to the device and the wall outlet.
- Verify the wall outlet is functional by plugging in another device.
- Try a different power outlet.

7.2 No Signal on TV

- Check if the HDMI cable is securely connected to both the TV Box and the TV.
- Ensure your TV input source is set to the correct HDMI port (e.g., HDMI 1, HDMI 2) where the TV Box is connected.

- Try a different HDMI cable or a different HDMI port on your TV.
- Restart the TV Box by unplugging and re-plugging the power adapter.

7.3 Wi-Fi Connection Issues

- Ensure your Wi-Fi router is on and functioning correctly.
- Check if the Wi-Fi password entered is correct (case-sensitive).
- Move the TV Box closer to your Wi-Fi router to improve signal strength.
- Restart both the TV Box and your Wi-Fi router.
- If using 5.8G Wi-Fi, ensure your router supports it and the device is within optimal range.

7.4 Apps Crashing or Freezing

- Close and restart the problematic application.
- Clear the app's cache: Go to *Settings > Apps*, select the app, then choose *Clear Cache*.
- If the issue persists, try uninstalling and reinstalling the app.
- Ensure your device has sufficient free storage space.

8. SPECIFICATIONS

Detailed technical specifications for the JUSHENG X96H Android TV Box:

Operating System	Android 13.0
CPU	Allwinner H618 Quad-core Cortex-A53 (1.5GHz)
GPU	Mali-G31 MP2
RAM	2GB SDRAM
ROM	16GB FLASH (expandable via SD/SDHC/MMC cards up to 128GB, HDD up to 1TB)
Video Output	HD 2.0 up to 6K@30fps max resolution output (with HDR, CEC, HDCP 2.2)
Video Decoding	6K H.265 Hardware Video Decode
Wi-Fi	2.4G / 5.8G Dual-band Wi-Fi 6 (802.11ax)
Ethernet	Standard 10/100M RJ-45
Bluetooth	BT5.0
USB Host	USB 2.0
Dimensions	8 x 5 x 3 inches
Item Weight	12.7 ounces
Power Supply	DC 5V/2A

Image: A detailed diagram of the Allwinner H618 chipset, highlighting its powerful performance capabilities with a Quad-core Cortex-A53 CPU and Mali-G31 GPU.

9. WARRANTY AND SUPPORT

For warranty information and technical support, please contact the seller or manufacturer directly. Retain your proof of purchase for any warranty claims.
Seller: Jusheng Electronic Technology Co., Ltd