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› X96 X6 TV Box Android 11.0 User Manual

SHYSKY X96 X6

X96 X6 TV Box User Manual

Brand: SHYSKY | Model: X96 X6

INTRODUCTION

The X96 X6 TV Box is a high-performance multimedia device designed to transform your television into a smart entertainment hub. Running on Android 11.0, it features a powerful Rockchip RK3566 Quad Core processor, 8GB RAM, and 128GB eMMC storage, ensuring smooth operation and ample space for applications and media. With support for 4K video decoding, dual-band Wi-Fi, Gigabit Ethernet, and Bluetooth 4.2, the X96 X6 provides a comprehensive solution for streaming, gaming, and browsing. This manual will guide you through the setup, operation, and maintenance of your new TV Box.



Figure 1: The X96 X6 TV Box, accompanied by its i8 mini keyboard and infrared remote control, showcasing the complete package for an enhanced user experience.

PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- 1 x X96 X6 TV Box
- 1 x HD Cable
- 1 x Infrared Remote Control
- 1 x Power Adapter (5V/2A)
- 1 x User Manual
- 1 x i8 Keyboard (English version, if included in your specific bundle)



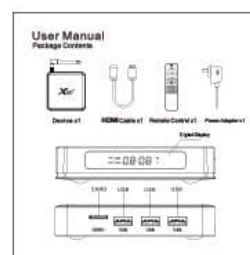
Package Contents



Power Supply*1



HD data cable*1



User Manual*1



Remote Control*1

Figure 2: Visual representation of the standard package contents, including the TV box, power supply, HD cable, user manual, and remote control.

SETUP GUIDE

1. Connecting Your Device

1. Connect one end of the provided HD cable to the HDMI port on the X96 X6 TV Box.
2. Connect the other end of the HD cable to an available HDMI input port on your television or display.
3. (Optional) For wired internet, connect an Ethernet cable from your router to the Ethernet port on the TV Box.
4. (Optional) Insert a Micro SD card into the Micro SD slot if desired for expanded storage.
5. (Optional) Connect USB storage devices or peripherals (like a wired mouse/keyboard) to the available USB 2.0 or USB 3.0 ports.



Figure 3: Detailed view of the X96 X6 TV Box's rear panel, highlighting the connectivity ports for power, video output, network, and USB devices.

2. Powering On

1. Connect the power adapter to the DC IN port on the X96 X6 TV Box.
2. Plug the power adapter into a wall outlet.
3. The TV Box will automatically power on, and the front display will show the time.
4. Turn on your television and select the correct HDMI input source.

3. Initial Setup

Upon first boot, you may be guided through an initial setup wizard. Follow the on-screen prompts to configure:

- **Language:** Select your preferred language.
- **Network Connection:** Connect to your Wi-Fi network (if not using Ethernet) by selecting your network name and entering the password.
- **Date and Time:** Set the correct date and time zone.
- **Google Account:** Sign in with your Google account to access the Google Play Store and other Google services.

OPERATION GUIDE

1. Navigating the Interface

Use the provided infrared remote control or the i8 mini keyboard to navigate the Android 11.0 interface. The remote control features directional buttons, an OK button, Home, Back, Menu, and volume controls. The i8 keyboard offers a full QWERTY layout and a touchpad for mouse functionality.



Figure 4: The X96 X6 TV Box alongside its standard infrared remote control, used for basic navigation and control.



Figure 5: The i8 mini keyboard, providing a full QWERTY layout and integrated touchpad for advanced control and text input.

2. Connecting Peripherals

- **USB Devices:** The TV Box supports USB mice, keyboards, and storage devices. Simply plug them into any of the available USB 2.0 or USB 3.0 ports.
- **Wireless 2.4G Devices:** For wireless mice and keyboards that use a 2.4G USB dongle (like the i8 keyboard), plug the dongle into a USB port. The device should be recognized automatically.
- **Bluetooth Devices:** Go to Settings > Connected devices > Pair new device to connect Bluetooth 4.2 compatible devices such as gamepads or headphones.

3. Network Connectivity

- **Wi-Fi:** The device supports dual-band Wi-Fi (2.4G and 5GHz) with IEEE 802.11 b/g/n/ac standards. Navigate to Settings > Network & internet > Wi-Fi to connect to your wireless network.
- **Ethernet:** For a stable wired connection, ensure an Ethernet cable is connected from your router to the TV Box's 1000M Ethernet port. The device will automatically detect the wired connection.

4. Media Playback

The X96 X6 TV Box supports various video and image formats, including 4K VP9, H.265/H.264, HD JPEG, BMP, GIF, PNG, and TIF. You can play media from:

- **Internal Storage:** Files stored on the 128GB eMMC ROM.
- **USB Storage:** External hard drives or USB flash drives connected to the USB ports.

- **Micro SD Card:** Media stored on an inserted Micro SD card.
- **Network Shares:** Stream content from network-attached storage (NAS) or shared folders on your local network.
- **Streaming Apps:** Download and use popular streaming applications from the Google Play Store.

CARE AND MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the TV Box. Do not use liquid cleaners or aerosols.
- **Ventilation:** Ensure the device is placed in a well-ventilated area to prevent overheating. Do not block ventilation openings.
- **Power Supply:** Only use the provided power adapter. Disconnect the power adapter during lightning storms or when unused for long periods.
- **Software Updates:** Periodically check for system updates in the device settings to ensure optimal performance and security.
- **Storage:** Avoid placing heavy objects on the TV Box. Keep it away from direct sunlight, heat sources, and moisture.

TROUBLESHOOTING

If you encounter issues with your X96 X6 TV Box, refer to the following common problems and solutions:

- **No Power:**
 - Ensure the power adapter is securely connected to the TV Box and a working power outlet.
 - Verify the power outlet is active.
- **No Picture on TV:**
 - Check if the HD cable is securely connected to both the TV Box and the TV.
 - Ensure your TV is set to the correct HDMI input source.
 - Try a different HD cable or HDMI port on your TV.
- **Wi-Fi Connection Issues:**
 - Restart your router and the TV Box.
 - Ensure the Wi-Fi password is entered correctly.
 - Move the TV Box closer to your Wi-Fi router or consider using an Ethernet connection.
- **Remote Control Not Responding:**
 - Ensure there are no obstructions between the remote and the TV Box.
 - Replace the batteries in the remote control.
- **Slow Performance:**
 - Close unnecessary background applications.
 - Clear cache for frequently used apps in Settings > Apps.
 - Consider a factory reset as a last resort (this will erase all data).

TECHNICAL SPECIFICATIONS

Below are the detailed specifications for the X96 X6 TV Box:

RK3566 Quad-Core 64bit

GPU G52-2EE, with stronger image processing capabilities.



ROCKCHIP
RK3566



RAM 4/8G
ROM 32/64G



CPU
4 Core 64bit
Cortex-A55



GPU
Mali-G52



Figure 6: Internal component overview highlighting the RK3566 Quad-Core 64bit processor and Mali-G52 GPU, along with memory configurations.

Feature	Specification
Model	X96 X6
Operating System	Android 11.0
Processor	Rockchip RK3566, Quad Core ARM Cortex A55
GPU	Mali-G52 1-Core-2EE
Memory (RAM)	8GB DDR3
Storage (ROM)	128GB eMMC
Wi-Fi	IEEE 802.11 b/g/n/ac, 2.4G & 5GHz, External Antenna

Feature	Specification
Bluetooth	BT 4.2
Ethernet	1000M (Gigabit)
Video Output	4K x 2K UHD, HD 1.4/2.0
USB Ports	1 x USB 3.0, 2 x USB 2.0
Other Ports	Micro SD slot, 3.5mm IR Receiver Jack, Optical
Power Supply	DC IN (5V/2A)
Supported Image Formats	HD JPEG, BMP, GIF, PNG, TIF
Supported Video Codecs	4K VP9, H.265/H.264, VC-1, MPEG-1/2/4, VP8/8
Product Weight	195 Grams
UPC	719081856177

WARRANTY AND SUPPORT

Information regarding specific warranty terms and conditions for the X96 X6 TV Box is not available in the provided product data. Please refer to the documentation included with your purchase or contact the seller/manufacturer directly for warranty details and technical support.

For general inquiries or further assistance, you may also visit the manufacturer's official website (if available) or consult online forums dedicated to Android TV boxes for community support.