SHYSKY KM6 Deluxe

SHYSKY KM6 Deluxe ATV Android TV Box User Manual

Model: KM6 Deluxe

1. INTRODUCTION

This manual provides instructions for the SHYSKY KM6 Deluxe ATV Android TV Box. This device operates on Android 10.0 ATV and is powered by an Amlogic S905X4 Quad Core ARM Cortex-A55 processor, offering 4K HDR video playback and advanced connectivity features like WiFi 6 and Bluetooth 4.2. Please read this manual carefully before using the product to ensure proper operation.

Package Contents

Verify that all items listed below are included in your package:

- KM6 Deluxe Android TV Box
- Bluetooth Voice Remote Control
- HD Cable (HDMI)
- Power Supply (US/EU/UK/AU plug)
- User Manual
- i8 Keyboard (English version)

Image 1.1: Package contents including the KM6 Deluxe box, remote, HDMI cable, power adapter, user manual, and i8 keyboard.

2. PRODUCT OVERVIEW

The KM6 Deluxe Android TV Box features various ports for connectivity. Familiarize yourself with the port layout before connecting the device.

Image 2.1: Rear and side ports of the KM6 Deluxe TV Box. Ports include AV, LAN, HD (HDMI), Optical, DC IN, USB 2.0, USB 3.0, and TF (MicroSD card slot).

Port Descriptions:

- **AV Port:** For connecting to older televisions using an AV cable (not included).
- **LAN Port:** For wired internet connection via an Ethernet cable (1000M Ethernet).
- **HD (HDMI) Port:** For connecting to an HDTV or monitor using the provided HDMI cable. Supports 4K output.
- **Optical Port:** For digital audio output to a sound system.
- **DC IN:** Power input port. Connect the provided power adapter here.
- **USB 2.0 Ports:** Two ports for connecting USB devices such as external storage, mouse, or keyboard.
- **USB 3.0 Port:** One high-speed port for connecting USB 3.0 compatible devices.
- **TF Card Slot:** For inserting a MicroSD (TF) card to expand storage.

3. SETUP INSTRUCTIONS

Follow these steps to set up your KM6 Deluxe Android TV Box:

1. **Connect to TV:** Connect one end of the provided HD (HDMI) cable to the HD port on the TV Box and the other end to an HDMI input port on your television.
2. **Connect Power:** Plug the power adapter into the DC IN port on the TV Box, then plug the adapter into a wall

outlet. The LED indicator will turn red in standby mode.

3. **Network Connection (Optional):**

   - **Wired:** Connect an Ethernet cable from your router to the LAN port on the TV Box.
   - **Wireless:** During initial setup, you will be prompted to connect to a Wi-Fi network. Select your network and enter the password. The device supports 2.4G/5G WiFi 6.

4. **Power On:** The device should automatically power on. If not, press the power button on the remote control. The LED indicator will turn blue when operating.

5. **Initial Setup Wizard:** Follow the on-screen instructions to complete the initial setup, including language selection, Google account login, and network configuration.

6. **Connect Peripherals:**

   - **Bluetooth Voice Remote:** The remote control is pre-paired. If not, follow the on-screen instructions or remote manual for pairing.
   - **i8 Keyboard:** Insert the 2.4 GHz USB receiver for the i8 keyboard into one of the USB ports on the TV Box. The keyboard should connect automatically.
   - **Other USB Devices:** Connect any other USB mouse, keyboard, or storage devices to the available USB ports.

4. OPERATING INSTRUCTIONS

Navigating Android TV 10.0

The KM6 Deluxe runs on Android TV 10.0, providing a user-friendly interface optimized for television screens. Use the Bluetooth Voice Remote Control or the i8 keyboard to navigate.

- **Home Screen:** Displays recommended content, installed apps, and system settings.
- **Apps:** Access all installed applications. You can download more from the Google Play Store.
- **Settings:** Configure network, display, sound, accounts, and device preferences.

Using the Bluetooth Voice Remote Control

Bluetooth voice remote control

It has 31 keys. The number keys can directly press the numbers, avoiding the cumbersome operation of the system keyboard. The red, green, yellow and blue buttons can be used for shortcut operations of some IPTV applications. The voice assistant makes you operate the box more conveniently and intelligently.

Image 4.1: The Bluetooth Voice Remote Control. It features navigation buttons, volume control, number keys, and a dedicated voice assistant button.

The remote has 31 keys, including number keys for direct input and colored buttons for shortcut operations in some IPTV applications. The voice assistant button allows for voice input in supported applications and system functions.

Network Connectivity (WiFi 6)

The device supports the latest WiFi 6 standard, offering faster speeds and reduced latency compared to previous Wi-Fi generations. For optimal wireless performance, ensure your router also supports WiFi 6.

Image 4.2: WiFi 6 provides faster speeds (up to 2400 Mbps) and reduced latency compared to Wi-Fi 5 (867 Mbps).

4K HDR Video Playback

The KM6 Deluxe ATV TV Box supports 4K HDR technology and high-speed 4K processing for playback up to 60 frames per second (fps). This provides an ultra high-definition visual experience with enhanced contrast and color depth.

Image 4.3: Visual comparison demonstrating the improved color and contrast when 4K HDR is enabled.

AV1 Codec Support and Google Cast

The device supports the AV1 video codec, which offers 20-30% better compression efficiency than H.265 or VP9, resulting in high-quality video with less data usage. It also includes built-in Google Cast functionality, allowing you to stream content from your phone, tablet, or laptop directly to your TV.

Image 4.4: Illustration of AV1 codec efficiency compared to H.265 and VP9, and how Google Cast streams content from mobile devices to the TV.

5. MAINTENANCE

Cleaning the Device

- Ensure the device is powered off and unplugged before cleaning.
- Use a soft, dry cloth to wipe the exterior of the TV Box.
- Do not use liquid cleaners, aerosols, or abrasive cleaning agents, as these may damage the device.

- Keep ventilation openings clear of dust and debris.

Software Updates

The KM6 Deluxe Android TV Box may receive software updates to improve performance and add new features. To check for updates:

1. Go to **Settings** on the home screen.
2. Navigate to **Device Preferences** or **About**.
3. Select **System update** or **Check for updates**.

Note: Information regarding guaranteed software updates for this product is not available.

6. TROUBLESHOOTING

If you encounter issues with your KM6 Deluxe Android TV Box, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power / Device not turning on	Power adapter not connected or faulty.	Ensure the power adapter is securely connected to the device and a working power outlet. Try a different outlet.
No signal on TV screen	Incorrect HDMI connection or TV input.	Check the HDMI cable connection to both the TV Box and the TV. Ensure your TV is set to the correct HDMI input source.
Remote control not responding	Remote batteries are low or depleted; remote not paired.	Replace the batteries in the remote control. If the issue persists, re-pair the Bluetooth remote according to the initial setup instructions or remote manual.
Cannot connect to Wi-Fi	Incorrect password; router issues; device too far from router.	Verify the Wi-Fi password. Restart your router and the TV Box. Move the TV Box closer to the router or use a wired Ethernet connection.
Apps are slow or crashing	Too many apps running; insufficient storage; app specific issue.	Close unused applications. Clear cache for problematic apps (Settings > Apps > [App Name] > Clear cache). Ensure sufficient storage is available. Restart the device.

7. SPECIFICATIONS

Detailed technical specifications for the SHYSKY KM6 Deluxe ATV Android TV Box:

Amlogic S905X4 High-Performance CPU

Image 7.1: The Amlogic S905X4 High-Performance CPU, the core processor of the KM6 Deluxe TV Box.

- **Operating System:** Android 10.0 ATV
- **CPU:** Amlogic S905X4 Quad Core ARM Cortex-A55
- **GPU:** ARM Mail-G31 MP2
- **RAM:** 4 GB DDR3
- **ROM:** 64 GB eMMC
- **WiFi:** Integrated 2T2R 2.4G/5G WiFi 6 (IEEE 802.11a/b/g/n/ac/ax)
- **Bluetooth:** BT4.2
- **Ethernet LAN:** 1000M
- **LED Indicator:** Red (Standby), Blue (Operating)
- **HDCP Support:** HDCP2.2
- **HDR Processing:** HDR10+, HDR10, HLG, Technicolor HDR
- **Supported Video Formats:** VP9 Profile-2, H.265 HEVC MP-10 @ L5.1, H.264 AVC HP @ L5.1, MPEG-4 ASP @ L5, WMV/VC-1 SP/MP/AP, MPEG-2 MP/HL, MPEG-1 MP, AV1 Codec
- **Supported Audio Formats:** MP3, AAC, WMA, RM, FLAC, Ogg, programmable with 7.1/5.1 down-mixing

- **Total USB Ports:** 2
- **Item Weight:** 635 Grams
- **Memory Storage Capacity:** 64 GB
- **Country of Origin:** China

8. WARRANTY AND SUPPORT

Manufacturer Warranty

This product is sold without a manufacturer's warranty. Please refer to the retailer's return policy for information on returns or exchanges.

Customer Support

For further assistance or inquiries not covered in this manual, please contact your retailer or the point of purchase. Keep your purchase receipt for any support requests.