

## Magcubic ATV

# Magcubic Android 13.0 RK3528 8K UHD TV Box User Manual

Model: ATV

## 1. PRODUCT OVERVIEW

The Magcubic Android 13.0 RK3528 8K UHD TV Box is a high-performance streaming media player designed to deliver an enhanced home entertainment experience. Featuring Android 13.0, a powerful RK3528 Quad-Core processor, 4GB RAM, and 64GB ROM, this device supports 8K Ultra HD video decoding, dual-band WiFi 6, and Bluetooth 5.0 for seamless connectivity and superior visual quality.



Figure 1.1: The Magcubic TV Box features Android 13, offering improved performance over previous Android versions.



# Android 13

Higher quality output, powerful graphics processor,  
stable performance



Figure 1.2: The Magcubic TV Box supports 8K Ultra HD resolution, providing a high-quality viewing experience.

## 2. SETUP GUIDE

### 2.1 Package Contents

- Magcubic Android TV Box
- Power Adapter
- HDMI Cable
- Remote Control (with or without backlit keyboard, depending on model)
- User Manual

### 2.2 Connecting the TV Box

1. **Connect to TV:** Use the provided HDMI cable to connect the HDMI port on the TV Box to an available HDMI input on your television.

2. **Connect to Power:** Plug the power adapter into the DC 5V port on the TV Box, then plug the adapter into a wall outlet.
3. **Network Connection:**
  - **Wi-Fi:** After powering on, navigate to Settings > Network > Wi-Fi and select your network, then enter the password.
  - **Ethernet:** For a stable connection, connect an Ethernet cable from your router to the LAN port on the TV Box.
4. **Power On:** The device should power on automatically or can be turned on using the remote control.

# Dual band Wifi configuration

including 2.4Gz and 5Ghz WiFi  
better network compatibility and smoothness



The image shows a television set against a dark background. The screen displays a character in blue and black armor with glowing blue eyes and lightning bolts emanating from their hands. Below the television, there are four connectivity icons: a blue bar representing WiFi 802.11 a/b/g/n/ac/ax, a white bar representing WiFi 802.11 a/b/g/n, a BT 5.0 icon, and a WiFi 6 icon.

Figure 2.1: Rear view of the TV Box showing various connectivity ports including HDMI, USB, and Ethernet.

## 2.3 Initial Setup

Upon first boot, follow the on-screen prompts to configure language, time zone, and Google account settings. Ensure your internet connection is active for updates and app downloads.

### 3. OPERATING INSTRUCTIONS

#### 3.1 Navigation

Use the provided remote control to navigate the Android interface. The directional pad allows movement, the 'OK' button confirms selections, and the 'Back' button returns to the previous screen. Some models may include a backlit mini keyboard for easier text input and navigation.



Figure 3.1: Example of the Android TV Box user interface displayed on a television.

#### 3.2 Installing Applications

Access the Google Play Store from the home screen to download and install your favorite streaming apps, games, and utilities. You can also install applications from a browser if needed.

#### 3.3 Media Playback

The TV Box supports various media formats and resolutions up to 8K UHD. You can play local media files from USB drives or stream content from installed applications. The device also supports HDR decoding for a realistic visual experience.

# 8K H.265 Image Processing Technology

8K Ultra HD resolution with professional H.265 decoding technology, bring you higher quality visual enjoyment.



Figure 3.2: Visual representation of 8K HDR Full Color technology, enhancing visual realism.



Figure 3.3: The TV Box utilizes 8K H.265 image processing technology for high-quality visual output.

### 3.4 Multiscreen Interaction

The device supports DLNA, Miracast, and Airplay protocols, allowing you to cast videos and photos from your mobile phones, tablets, or computers to the big screen.



Figure 3.4: Illustration of multiscreen interaction capabilities, enabling content sharing from various devices.

## 4. MAINTENANCE

### 4.1 Software Updates (OTA)

The TV Box supports Over-The-Air (OTA) online upgrades. When new firmware is released to address bugs or introduce new features, you can choose to update online. It is recommended to use a wired connection for faster and more stable updates.



Figure 4.1: The TV Box supports OTA online upgrades for firmware updates.

## 4.2 General Care

- Keep the device in a cool, dry place away from direct sunlight and heat sources.
- Avoid exposing the device to water or excessive humidity.
- Clean the device with a soft, dry cloth. Do not use liquid cleaners.
- Ensure proper ventilation around the device to prevent overheating.

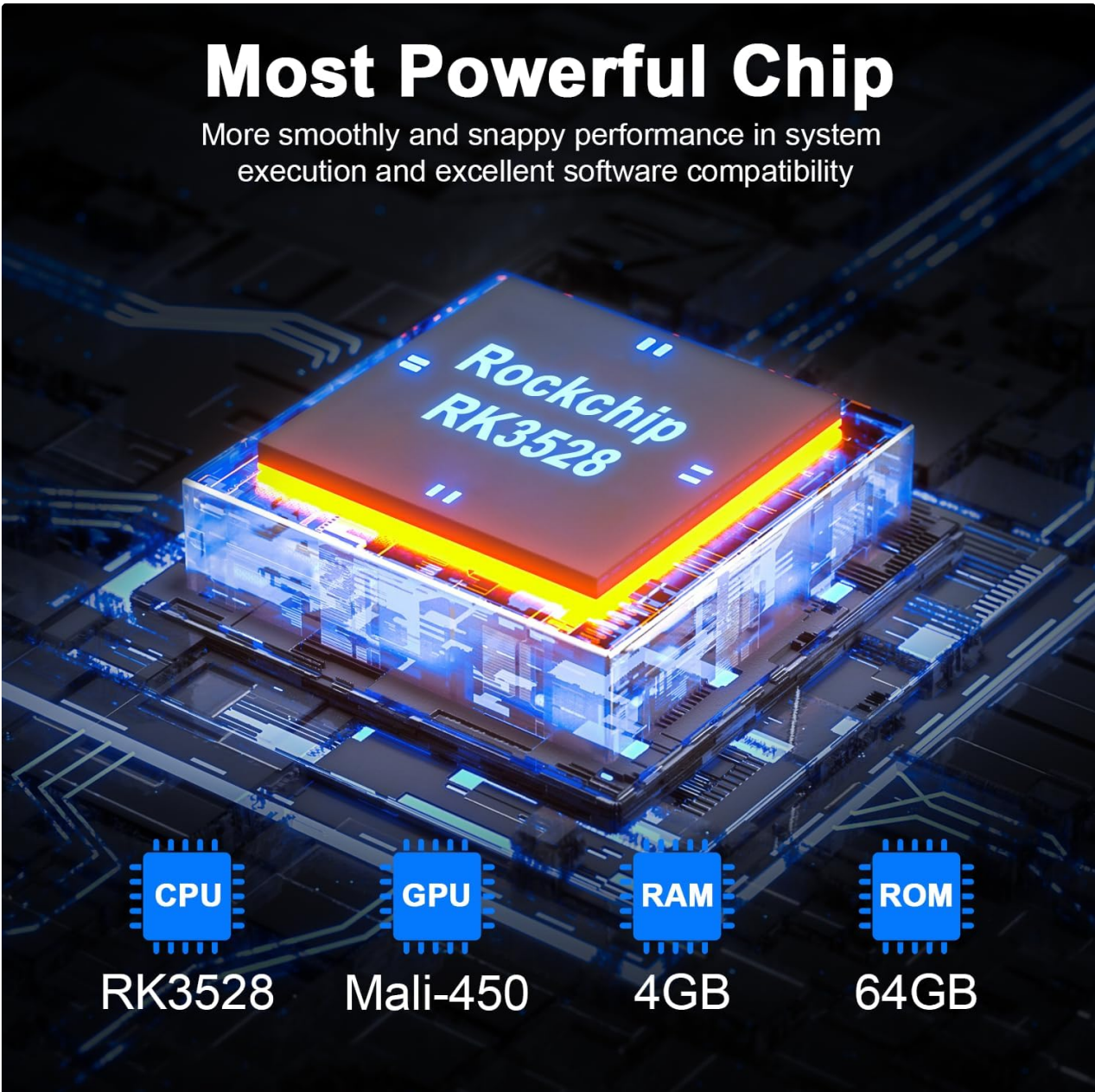
## 5. TROUBLESHOOTING

### 5.1 Common Issues and Solutions

- **First Use / App Updates:** The first time you use the device, or when updating apps, you may need to wait for updates to complete. A wired internet connection is recommended for faster updates. If the server network speed is slow, try updating at a different time.
- **Keyboard Not Working:**
  - Check if batteries are installed in the keyboard.
  - Ensure the USB receiver (located in the battery compartment of the keyboard) is connected to a USB port on the TV Box.
  - If keyboard input does not match: Press and hold the **FN** key, then press **FN + F1** together. A blue LED will flash and then turn off. Release the buttons and insert the USB receiver. The blue LED should stop flashing, indicating successful pairing.
  - If QWERTY/QWERTZ layouts are reversed, reset the device to factory settings and reconfigure the QWERTY layout.
- **TV Box Starts Automatically:** If the TV Box powers on automatically after a period, the power adapter might be faulty. Replace it with a new 5V 2A adapter.

- **Slow Wi-Fi Speed:** The network speed depends on the distance and strength of the Wi-Fi signal. If the Wi-Fi source is far, consider using a wired Ethernet connection for better performance.
- **Poor Screen Quality / No 1080p/4K/8K:**
  - Ensure your TV supports 1080p, 4K, or 8K resolution.
  - Go to Settings > Display > Resolution. Turn off "Auto" resolution.
  - Select the desired resolution (e.g., 1080p, 4K, or 8K) from the available options and save. Note that some TVs may only support 4K/8K in software, not hardware.
- **App Navigation Issues (e.g., Hulu, Max, Peacock):** If you cannot navigate up/down or side-to-side within certain apps using the remote or keyboard, try connecting a USB mouse to the TV Box. The scroll wheel on a mouse may allow vertical navigation.

## 6. SPECIFICATIONS



**Most Powerful Chip**  
More smoothly and snappy performance in system execution and excellent software compatibility

Rockchip  
RK3528

CPU	GPU	RAM	ROM
RK3528	Mali-450	4GB	64GB

Figure 6.1: The TV Box is powered by the Rockchip RK3528, ensuring smooth performance.

Feature	Detail
Brand	Magcubic
Model Name	android 13.0 tv (Model Number: ATV)
Operating System	Android 13.0
Processor	RK3528 Quad-Core 64 Bits
RAM	4 GB
ROM (Storage)	64 GB
Video Output Resolution	8K UHD
Connectivity Technology	Wi-Fi (Dual-band 2.4G/5G WiFi 6), Bluetooth 5.0, Ethernet LAN
Connector Type	HDMI, USB
Special Features	8K UHD, Dual-band WiFi 6, BT 5.0, H.265 Decoding, 3D Support
Compatible Devices	Television
Item Weight	15.8 Ounces



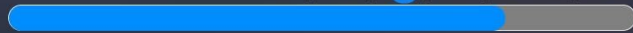
Figure 6.2: The TV Box features dual-band 2.4GHz and 5GHz WiFi 6 for improved network compatibility and speed.

# Dual band Wifi configuration

including 2.4Gz and 5Ghz WiFi  
better network compatibility and smoothness



WiFi 802.11 a/b/g/n/ac/ax



WiFi 802.11 a/b/g/n

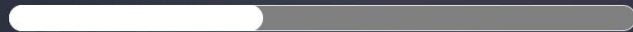


Figure 6.3: WiFi 6 technology provides faster speeds, lower latency, and a more secure network connection.

# OTA Online Upgrade

We will release new firmware to server,  
when box have bugs or new function,  
you can choose to update online if necessary



Figure 6.4: The device supports 3D Blu-ray content, offering an immersive viewing experience.

## 7. WARRANTY INFORMATION

For specific warranty details, please refer to the warranty card included with your product or contact the manufacturer directly. Typically, products come with a limited warranty covering manufacturing defects from the date of purchase.

## 8. CUSTOMER SUPPORT

If you encounter any issues not covered in this manual or require further assistance, please contact Magcubic customer support. Refer to the product packaging or the manufacturer's official website for contact information.

**Manufacturer:** Shenzhen Haochuangyi Technology Co.,Ltd

