EASYTONE H618

EASYTONE Android TV Box 12.0 User Manual

MODEL: H618

1. Introduction

Thank you for choosing the EASYTONE Android TV Box 12.0. This device is designed to transform your television into a smart entertainment hub, offering access to a wide range of applications, streaming services, and media content. Featuring the latest Android 12.0 operating system, a powerful H618 Quad-Core processor, 4GB RAM, 64GB ROM, and support for 6K Ultra HD resolution, this TV box delivers a smooth and immersive viewing experience. It also includes advanced connectivity options like WiFi 6 and Bluetooth 5.0, along with a convenient mini wireless keyboard for enhanced control.

This manual provides detailed instructions on setting up, operating, maintaining, and troubleshooting your Android TV Box to ensure optimal performance and enjoyment.

2. Setup Guide

Follow these steps to set up your EASYTONE Android TV Box:

1. **Connect to TV:** Connect one end of the HDMI cable to the HDMI port on the Android TV Box and the other end to an available HDMI input on your television.

2. **Connect Power:** Plug the power adapter into the DC port on the TV Box, then plug the adapter into a wall outlet. The device will typically power on automatically or can be turned on using the included remote control.

3. **Connect to Network:**
   - **Wi-Fi:** Once powered on, navigate to the network settings on the TV Box. Select your Wi-Fi network from the list, enter the password, and connect. The device supports 2.4G/5G Wi-Fi and Wi-Fi 6 for faster speeds.
   - **Ethernet:** For a stable wired connection, connect an Ethernet cable from your router to the Ethernet port on the TV Box. The device supports 100M Ethernet.

4. **Initial Setup:** Follow the on-screen prompts to complete the initial setup, including language selection, time zone, and Google account login (optional, but recommended for app access).

5. **Keyboard Setup:** The mini wireless keyboard connects via a USB dongle. Insert the USB dongle into one of the USB ports on the TV Box. The keyboard should automatically pair.

Simple to Set UP And Use

1. Connect the HDMI Cable

2. Connect to Power Adapter

3. Connect to Wi–Fi or Enternet and enjoy

Image: Simple setup guide illustrating HDMI connection, power adapter connection, and network options (Wi-Fi/Ethernet).

3. Operating Instructions

Your EASYTONE Android TV Box offers a rich set of features for an enhanced entertainment experience.

3.1 Android 12.0 Operating System

The TV Box runs on the latest Android 12.0, providing a user-friendly interface, improved performance, and better compatibility with a wide range of Android applications. Enjoy a smoother and more responsive experience when navigating menus and launching apps.

Image: The Android 12 interface, showcasing a modern design and various popular streaming and communication applications.

3.2 Powerful Performance

Equipped with the Allwinner H618 Quad-Core Cortex-A53 CPU and Mali-G31 MP2 GPU, along with 4GB of RAM and 64GB of internal storage, the TV Box ensures strong performance for smooth streaming, gaming, and multitasking. Storage can be expanded via TF card (up to 128GB) or external hard drive (up to 1TB).

Image: A visual representation of the powerful Allwinner H618 CPU, highlighting its core components.

3.3 6K Ultra HD & HDR10+ Decoding

Experience stunning visual clarity with support for 6K Ultra HD resolution and advanced H.265 decoding technology. HDR10+ enhances color display, providing more vibrant and realistic images. Enjoy every detail whether streaming movies or playing games on a large screen.

Image: A beautiful landscape demonstrating the clarity and detail provided by 6K Ultra High Definition decoding and HDR 10 technology.

3.4 Advanced Connectivity

- **WiFi 6 & Dual-Band WiFi:** Utilize WiFi 6 technology for faster speeds, reduced latency, and enhanced stability. The device supports both 2.4G and 5G Wi-Fi bands, ensuring optimal wireless performance for streaming and online activities.

- **Bluetooth 5.0:** Connect Bluetooth-enabled devices such as headphones, speakers, game controllers, and other peripherals quickly and easily with Bluetooth 5.0.

WiFi 6 Speeds

Faster speeds for buffer-free streaming and online gaming.

WiFi 5

WiFi 6

Max Data Rate

MAX 9.6Gbps	MAX 9.6Gbps
WiFi 6	WiFi 5

Subcarrier Modulation

1024-QAM	256-QAM
WiFi 6	WiFi 5

Feature	WiFi 4	WiFi 5	WiFi 6
Channel Bandwidth(MHZ)	20,40	20,40,80,160	20,40,80,160
Frequency Bands	2.4 and 5 GHz	5 GHz	2.4 and 5 GHz
Max Data Rate	150 Mbps	3.5 Gbps	9.6 Gbps
Modulation	OFDM	OFDM	OFDM
Highest Subcarrier Modulation	64-QAM	256-QAM	OFDM,OFDMA
Max # OFDM Toes	128	512	1024-QAM
Max # SU Streams	1	4	2048
Max # MU Streams	NA	4(DL Only)	8(DL&DL)
Underlying Technology	IEEE 802.11n	IEEE 802.11ac	IEEE 802.11ac

Image: A comparison chart highlighting the faster speeds and improved performance of WiFi 6 over WiFi 5.

Ultra High-Speed Bluetooth 5.0

BT 5.0

● Transmission Speed

BT 4.0

BT 5.0

Image: An illustration demonstrating the high-speed transmission capabilities of Bluetooth 5.0, connecting to headphones, game

3.5 Multi-Screen Interaction

The TV Box supports Airplay, Miracast, and DLNA, allowing you to seamlessly cast content from your mobile devices (smartphones, tablets) to your television screen. Share photos, videos, and games with ease.

Image: A visual representation of multi-screen interaction, showing a smartphone wirelessly displaying content on a television.

3.6 Mini Wireless Keyboard

The included backlit mini wireless keyboard provides convenient remote control operation, making navigation, typing, and searching much easier than with a standard remote. It has a transmission range of up to 10 meters.

Image: A user operating the backlit mini wireless keyboard, demonstrating its ease of use for controlling the TV box.

4. Maintenance

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

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. Do not use liquid cleaners or aerosols, as they may damage the components.
- **Ventilation:** Ensure the TV Box is placed in a well-ventilated area to prevent overheating. Do not block the 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 and install system updates to ensure you have the latest features and security patches.
- **Avoid Extreme Conditions:** Do not expose the device to extreme temperatures, humidity, or direct sunlight.

5. Troubleshooting

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

Problem	Possible Cause	Solution
No picture on TV	Loose HDMI cable, incorrect TV input, power issue.	Ensure HDMI cable is securely connected to both the TV Box and TV. Select the correct HDMI input on your TV. Check if the power adapter is properly connected and the device is powered on. Try a different HDMI cable or TV port.
No Wi-Fi connection	Incorrect Wi-Fi password, router issue, 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 consider a wired Ethernet connection.
Remote control not working	Low batteries, line of sight blocked, USB dongle not connected (for mini keyboard).	Replace batteries in the remote. Ensure no obstructions between the remote and the TV Box. For the mini keyboard, ensure its USB dongle is plugged into the TV Box.
Apps freezing or slow performance	Too many apps running, low storage, outdated software.	Close unused applications. Clear cache for problematic apps. Check available storage and uninstall unnecessary apps. Perform a system update if available. Restart the device.
Cannot install certain apps	App not compatible with Android TV OS, regional restrictions.	Some apps are designed for mobile Android and may not be fully optimized for Android TV. Check if the app is available on the Google Play Store for Android TV.

6. Specifications

Feature	Detail
Brand	EASYTONE

Feature	Detail
Model Name	android 12.0 tv (H618)
Operating System	Android 12.0
CPU	Allwinner H618 Quad-Core Cortex-A53
GPU	Mali-G31 MP2
RAM	4GB
ROM	64GB
Video Decoding	6K Ultra HD, H.265, HDR10+
Wi-Fi	WiFi 6, 2.4G/5G Dual-Band
Bluetooth	Bluetooth 5.0
Ethernet	100M
Ports	HDMI, USB 2.0, TF Card Slot, DC Power, Ethernet
Dimensions	3.9 x 3.9 x 0.7 inches
Item Weight	1.23 pounds
Color	Reddish-Maroon

7. Warranty and Support

EASYTONE is committed to providing high-quality products and customer satisfaction. For any issues or inquiries regarding your Android TV Box, please contact our professional technical support team. They are available to assist you with troubleshooting and resolving any concerns you may have.
Please refer to your purchase documentation for specific warranty terms and conditions.