User Manual

OTT TV BOX

4X CPU Cortex-A9
8X GPU Mali-450

DRM
UHD 4Kx2K
3D
3D-HD 1080Px2

MPEG-2HD
H.264 HD
VC-1
real HD
AVCHD

MPEG4
WMV
real HD
AVCHD

VIDEO FILES PLAYBACK
AUDIO FILES PLAYBACK
PHOTO FILES PLAYBACK
ADVANCED SUBTITLE SUPPORT
DOLBY DIGITAL
DTS
Flash 10.2
Preface

Thanks very much for choosing our TV Box. In order to make it more convenient for you to use proficiently, we provide you with a user manual. Please read it carefully before using and properly keep it for reference.

Statements

We have made every effort to provide the most current information about the product.

We do not grant any guarantees as to the contents of the present instruction manual and disclaim any implied guarantees concerning market value or suitability for specific purposes.

The information contained here is an instruction intended to enable the correct usage and maintenance of the receiver.

We reserve itself the right to introduce amendments, changes or translations of the user manual without prior notification thereof. For this reason, we recommend you regularly visit our website in order to obtain the latest information.
# Chapter 1 System Introduction

## 1.1 Key Features
- Android 4.4 operating system with Quad-Core Cortex-A9x4, 2.0GHz
- Support many kinds of IPTV and OTT TV programme.
- Support three main HD formats: VC-1, H.264, MPEG-2 and many other normal formats such as MPEG-1, MPEG-2, MPEG-4, DIVX, REALMEDIA and so on.
- Video formats include avi, mpg, vob, mvb, mkv, m2ts, ts and so on.
- Photo formats include JPEG, BMP, and PNG up to 80M pixels.
- Audio formats include MP3, WMA, WAV, AC3, DTS, AAC and so on.
- Support SD/SDHC/MMC cards.
- Support two USB 2.0 host connectors with maximum output current of 1.5A/5V.
- Support standard RJ45 cable network connection and wireless network connection.
- Support infrared remote controller operation.

## 1.2 Environment for System
- **Operation**: Temperature limitation: 0—40°C; Humidity limitation: 20—80%.
- **Storage**: Temperature limitation: -20—60°C; Humidity limitation: 10—90%.

## 1.3 Package Contents

<table>
<thead>
<tr>
<th>Accessories</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power adaptor</td>
<td>1</td>
</tr>
<tr>
<td>Remote control</td>
<td>1</td>
</tr>
<tr>
<td>HDMI cable</td>
<td>1</td>
</tr>
<tr>
<td>User manual</td>
<td>1</td>
</tr>
</tbody>
</table>
Chapter 2 Remote Controller

2.1 Introduction of Remote

Power: Press to turn on/off
Website: Press to enter the browser
Mute: Press to turn down the volume
Vol: Press to increase/decrease the volume
Navigation: Press to navigate left/right/up/down. Press OK to confirm your choose.
MENU: Press to choose function menu of corresponding application in video, music, photo and website.
Home: Press to get back the main menu.
Return: Press to return back to previous menu
Number: Press to choose the number.
Backspace: Press to backspace the input.
Mouse: Press to use the navigation button as mouse.

Chapter 3 System Connection

3.1 AV Connection
3.2 HDMI Connection

CONNECT WITH TV
HDMI cable
AV cable
Ethernet cable
Router
Power adaptor
3.3 Startup

Turn on the TV box while indicator light is blue. Enter into main menu at about 30 seconds.

Chapter 4 Home

There are apps which you usually use. You can add the apps according to your own preference. Please tick the apps you need. Tick it again when you don’t need it.

Chapter 5 My Apps

Move to “My Apps”, Press OK to enter in. You can see icons referring to different functions on the picture.

5.1 Email

Move to “Email”. Press OK to enter in. It is a convenient way for you to send and receive your emails. You can configure Email for most accounts in just a few steps. Move to Email address. Press to input your email address and password. And press the icon “next”. 
5.2 Calculator
Move to "Calculator" icon. Press OK to enter in. It is a simple calculator for arithmetical workings.

5.3 PPPoE
Move to "PPPoE" icon, Press OK to enter in. You can configure PPPoE here.

5.4 Browser
Move to "Browser". Press OK to enter in. It is a convenient way for you to go to your desired website.
Notice: Please go to the system setting to set the internet connection before entering into the website.

5.5 Movie Player
Move "Movie Player". Press OK to enter into the movie list.
5.6 Media Centre
Move to "Media Centre" icon, you can play all your preferred media here.

5.7 Gallery
Move to "Gallery". Press OK to enter into the picture list. Here you can enjoy the pictures.

5.8 Samba
Move to "Samba". Press OK to enter in. The system will search the share files automatically.

5.9 File Browser
Move to "File browser". Press OK to enter into the device list. When inserting with USB device or SD/SDHC/MMC cards, the sign "Device is mounting" will be shown on the screen. Here you can cut, copy, paste and move the files and folder between the local disk and external storage card.
5.10 Download
Move to "Downloads". Press OK to enter in. You can check the status here when downloading apks from the internet.

5.11 Music
Move to "Music". Press OK to enter into the music list. This is for local media player. Here you can enjoy beautiful music.

5.12 App Installer
Move to "AppInstaller". Press OK to enter in. You can install software by this appinstaller function. Please first download your desired software by apk formats from the computer to the USB. You will choose your desired device in order to scan the apks. Press OK to install your desired software. After the installation finished, the software icon will be shown on the applications menu.

5.13 Multi-interaction
Airplay
Move to "Airplay" or "Miracast". Press OK to enter in. Airplay: Download airplay application according to the model of the mobile phone. Enter into Airplay, connect with the same WIFI hotspot. Play video, picture, or music on your phone. Click the "airplay" icon on the phone to share files.
Miracast

Miracast: Please make sure the android TV box and mobile phone under the same WIFI environment. Press "Miracast" on android TV box, it will find peers automatically, and click "setting" on your mobile phone, enter into "WLAN", Click "Menu" to choose "WLAN Display" on your phone. Choose to share files.

Chapter 6 Settings

6.1 Network

WI-FI

"✓" "WI-FI", System will start scanning available WI-FI networks around you automatically.

Press OK to choose your WI-FI network and enter with your password. After authenticating IP address, when connected is shown, WI-FI is available now.

Notice: Sometimes WI-FI is not stable. If WI-FI connecting is failed, please try again.

5.14 OTA update

Move "OTA update" icon, Press OK to enter.

Click "online update" If there is an update in server, you can choose to download it. After upgrade finished, system will restart automatically.
Ethernet:
"Ethernet" System will start scanning Ethernet automatically.

When the IP address appears, the Ethernet connected.

6.2 Display
Move to "Display". Here you can set wallpaper, HDMI audio output mode, turn on/off hide status bar, display position, choose the time of start screen saver.

6.3 Advanced
Move to "Advanced" to choose advanced settings. Here you can set Miracast, Remote control, CEC control, Location, orientation, home screen and digital audio output.

6.4 Other
Move to "Other" to see more TV Box information. You can do system update and more setting here.
Chapter 7 Trouble Shooting

Under no circumstances should you try to repair the TV Box by yourself, as this will invalidate the warranty. Do not open the TV Box as there is a risk of electric shock. If a fault occurs, first check with points listed below before taking the TV Box for repair. If you are unable to remedy a problem by following hints, consult your dealer for help.

<table>
<thead>
<tr>
<th>Problem</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>No power</td>
<td>- Check if the power adaptor is properly connected to the power and the TV Box.</td>
</tr>
<tr>
<td></td>
<td>- Press the power on the remote controller to turn on the power.</td>
</tr>
<tr>
<td>No picture</td>
<td>- Reconnect with HDMI cable or AV cable.</td>
</tr>
<tr>
<td>No sound or distorted sound</td>
<td>- Adjust the volume.</td>
</tr>
<tr>
<td></td>
<td>- Check if the TV is switched on.</td>
</tr>
<tr>
<td>No audio or digital output</td>
<td>- Check the digital connections.</td>
</tr>
<tr>
<td>The box does not respond to the Remote Control</td>
<td>- Aim the remote control directly at the sensor on the front of the TV Box.</td>
</tr>
<tr>
<td></td>
<td>- Reduce the distance to the TV Box.</td>
</tr>
<tr>
<td></td>
<td>- Replace the batteries in the remote control.</td>
</tr>
<tr>
<td>Player does not respond to some operating commands during playback</td>
<td>- Operations may not be permitted. Refer to the user manual.</td>
</tr>
<tr>
<td></td>
<td>- Possibility of system halted, re-insert with power adaptor to restart.</td>
</tr>
<tr>
<td>No sound during movies playback</td>
<td>- The audio codec may not be supported by the TV Box. You can change the supported audio on playing menu.</td>
</tr>
<tr>
<td></td>
<td>- Check the volume.</td>
</tr>
<tr>
<td>The contents of the USB flash drive cannot be read</td>
<td>- The USB flash drive format is not compatible with the box.</td>
</tr>
<tr>
<td>Slow operation of the USB flash drive</td>
<td>- Big file size or high resolution USB flash drive takes longer time to read and display on the TV screen.</td>
</tr>
<tr>
<td>No sound with HDMI connection</td>
<td>- Check the connection between the TV and the HDMI box.</td>
</tr>
<tr>
<td></td>
<td>- Check your TV system setup.</td>
</tr>
<tr>
<td>The TV screen is blank and the player LED is blinking</td>
<td>- Turn off your TV Box, wait 30 seconds, turn it on again.</td>
</tr>
<tr>
<td></td>
<td>- If under HDMI status, check if HDMI connection is correct or change another HDMI cable set the output resolution of this TV Box into 720p.</td>
</tr>
</tbody>
</table>

Chapter 8 Specification

<table>
<thead>
<tr>
<th>Parameters</th>
<th>Android TV Box</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>On-line video (IPTV and OTT TV programs)</strong></td>
<td>Many IPTV programmes, all standard IPTV software and popular on-line video websites based on android system. (such as YouTube, Netflix, local satellite TV, sports, finance, etc.) It can also connect to your designated websites.</td>
</tr>
<tr>
<td><strong>Main function</strong></td>
<td>Android applications</td>
</tr>
<tr>
<td><strong>Full HD definition All formats with</strong></td>
<td>Support many applications from google play including web browser, google map, 2D/3D games, P2P download, online video chat, email and so on. Support mouse and keyboard. Support FAT16, FAT32, NTFS file system.</td>
</tr>
<tr>
<td><strong>Video format</strong></td>
<td>1080p/720p/480p multi-format decoding</td>
</tr>
<tr>
<td><strong>Photo format</strong></td>
<td>Up to 80M pixels</td>
</tr>
<tr>
<td><strong>Audio format</strong></td>
<td>Multi-audio format MP3, WMA, WAV, MIDI, OGG, AC3, DTS(some formats need the support of the third party player software.)</td>
</tr>
<tr>
<td><strong>Hardware configuration</strong></td>
<td>Main chipset Quad core Cortex A9/H 2GHz</td>
</tr>
<tr>
<td><strong>GPU</strong></td>
<td>GPU: Octo-Core Mali-450</td>
</tr>
<tr>
<td><strong>Memory</strong></td>
<td>Memory: 2GB-DDR3 8GB-FLASH(other capacity available.)</td>
</tr>
<tr>
<td><strong>Storage cards</strong></td>
<td>SD/SDHC/MMC card; Voltage: 2.7-3.3V</td>
</tr>
<tr>
<td><strong>USB interface</strong></td>
<td>Two way 2.0 high speed; output current up to 1.5A/5V, connect with different kinds of mobile devices directly without additional power. Supports hot-plugging.</td>
</tr>
<tr>
<td><strong>Internet interface</strong></td>
<td>Standard RJ45 Internet interface. Support internal wireless Wi-Fi(some other models require additional adaptor)</td>
</tr>
<tr>
<td><strong>Audio</strong></td>
<td>Coppel digital audio output</td>
</tr>
<tr>
<td><strong>Video</strong></td>
<td>CVBS output (AV output), Standard 3.5mm earphone socket, HDMI interface: HDMI 1.4 standard interface.</td>
</tr>
<tr>
<td><strong>Remote distance</strong></td>
<td>Effective distance is more than 6 meters.</td>
</tr>
<tr>
<td><strong>Dimension</strong></td>
<td>128.5x128.5x30(mm)</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>256g</td>
</tr>
<tr>
<td><strong>Electric parameters</strong></td>
<td>Video: Range: 1.0V±0.1V(75Ω overload); S/N≥56dB</td>
</tr>
<tr>
<td></td>
<td>Audio: Range: 2.0V±0.2V(10kΩ overload); S/N≥85dB</td>
</tr>
<tr>
<td></td>
<td>Power supply: 5V DC; Current: 2A.</td>
</tr>
</tbody>
</table>

This specification will be modified if necessary without notice.