

ANDROID SET TOP BOX WITH WLAN

i8000 HD

User Manual

Federal Communications Commission (FCC) Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Warning: Changes or modifications made to this device not expressly approved by **Skytech Digital Limited** may void the FCC authorization to operate this device.

Note: The manufacturer is not responsible for any radio or tv interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

This device should be installed and operated with a minimum distance of 20cm between the antenna and all persons.

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.

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Chapter 1 System Introduction

1.1 Key Features

Android 4.2.2 operating system with ARM Dual Core Cortex A9.

Support many kinds of IPTV and OTT TV programmes.

Support three main HD formats: VC-1, H.264, MPEG-2 and many others normal formats, such as MPEG-1, MPEG-2, MPEG-4, DIVX, REALMEDIA and so on.

Video formats include avi, mpg, vob, rmvb, 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 three USB2.0 host connectors with maximum output current of 5V/500mA.

Support standard RJ45 cable network connection and wireless network connection.

Support infrared remote control operation.

1.2 System Environment

PS: Only suitable for indoor operation environment

Operation: Temperature range: 0--40°C ; Humidity range: 20--95%

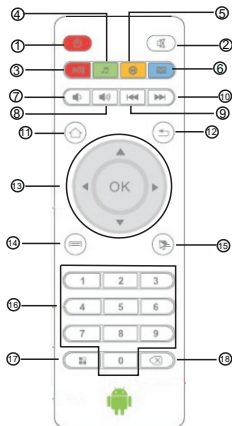
Storage: Temperature range: -20--50°C ; Humidity range: 10--90%

1.3 Package Contents-In addition to TV Box, other accessories as below:

Accessories	Quantity
Power adaptor	1
Infrared remote control	1
AV cable	1
HDMI cable	1
User manual	1

Chapter 2 Remote Control

2.1 Introduction of Remote Control



- ① POWER: Press to turn on/off.
- ② MUTE: Press to turn off the volume.
- ③ PAUSE: Press to pause when playing video, music or photo.
- ④ MUSIC: Shortcut key to go to music playlist.
- ⑤ BROWSER: Shortcut key to go to web browser.
- ⑥ E-Mail: Shortcut key to go to mail box interface.
- ⑦ VOL-: Press to decrease the volume.
- ⑧ VOL+: Press to increase the volume.
- ⑨ FAST REWIND: Go to previous page.
- ⑩ FAST FORWARD: Go to next page.
- ⑪ Main menu: Shortcut key to go to the main menu.
- ⑫ RETURN: Press to return back to previous menu.
- ⑬ NAVIGATION: Press to navigate left/right/up/down. Press OK to confirm your choice.
- ⑭ MENU: Press to choose function menu of corresponding application in video, music, photo and website.
- ⑮ Cursor: Press to use the navigation button as cursor.
- ⑯ Number Keypad: Press to input Arabic number.
- ⑰ Google NOW: Shortcut key to go to Google NOW interface.
- ⑱ Backspace: To move the cursor on a computer screen or the carriage of a typewriter back one or more spaces by striking the key used for this purpose.

Chapter 3 System Connection

3.1 AV Connection

a. Connect the AV cable of the 3 color (red/white/yellow) to the TV Box's AV output interface, the other end to TV set AV input interface. Connection can be made by color.

b. Power on the TV Box, set TV video mode to AV input.

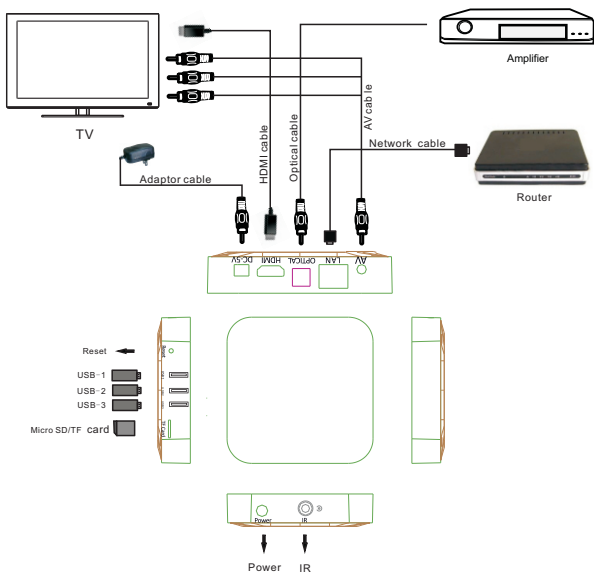
P.S You can change output mode in SETTINGS menu, choose resolution on 480i or 576i .

3.2 HDMI Connection

a. Connect HDMI cable into the product interface, the other side into a TV set.

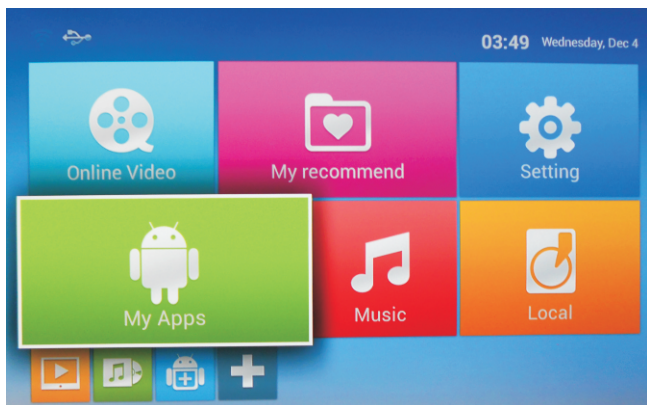
b. Power on the TV Box, set TV video mode to corresponding HDMI input.

P.S You can change output mode in SETTINGS menu, choose resolution on 480p/576p/720p /1080p etc.

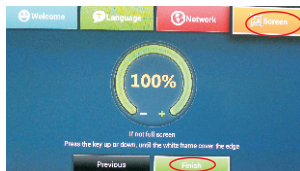
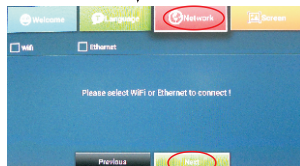
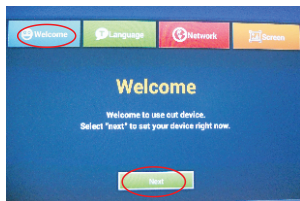


3.3 Startup

Turn on the TV Box while indicator lights is blue, about 30 seconds to enter into main interface.



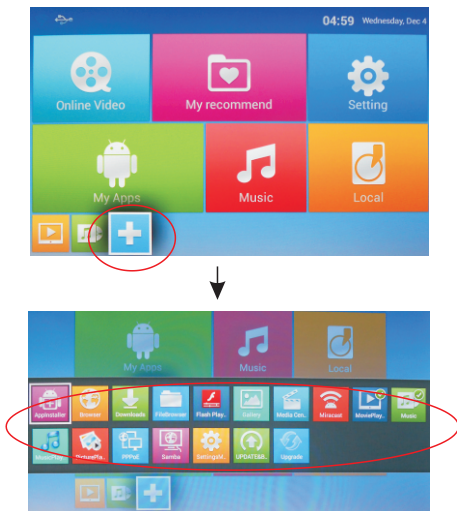
Note: Once the user to proceed software upgrades or reset, after completing and restart the unit, the system will automatically enter into Welcome settings interface: It is a direct way to refresh the system on the TV Box. Press " Next" to finish the setting(see next page).



Chapter 4 System Operation

4.1 Add application

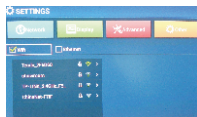
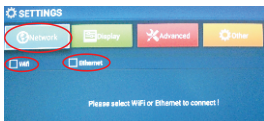
Move to “+” icon, press “OK” to add applications on the desktop.



4. 2 Settings

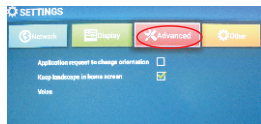
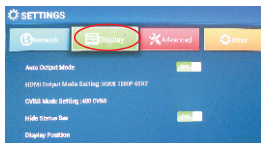
Choose "Setting" icon, Press OK to enter into system setting.
You will see the menu on the following picture.

Select Wi-Fi or Ethernet to connect the network.

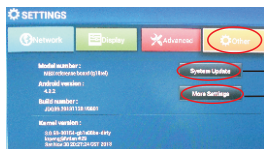


Select "Wi-Fi" setting. System will start scanning available Wi-Fi networks around you automatically. Press OK to choose your Wi-Fi network and enter with password.

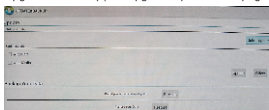
After authenticating IP address, when connected is shown, Wi-Fi is available now.
Notice: Sometimes Wi-Fi is not stable. If Wi-Fi connecting is fail, please try again.



Select "Ethernet configuration",
System will automatically connect the Ethernet network.



Press to enter "System update". Select to proceed system upgrade or backup(see upgrade operation on page 9).



Press to enter "setting" main menu.



Chapter 5 Local apps

5.1 Movie player

Move to "Movie Player", Choose your desired device and play videos you like, press OK to enter into movie list.



5.2 Music player

Move to "Music Player", Choose your desired device and play videos you like, Press OK to enter into music list.



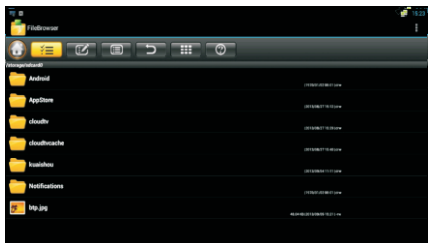
5.3 Picture player

Move to "Picture player", Choose your desired device and play videos you like, Press OK to enter into picture list.



6.4 Filebrowser

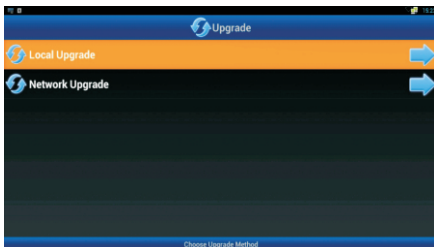
Move to "Filebrowser" icon, Choose your desired device and play videos you like, press OK to enter into device list.
When inserting with USB device or SD/TF cards, there will show "device is mounting".



Chapter 7 Upgrade

Upgrade: Move to "Upgrade", press OK to enter in. It is a system update function.
Insert with update software on the SD card, click "Upgrade" icon to choose local upgrade.
After upgrade finished, system will restart automatically.

Notice: Please do not power off when system is upgrading.



Chapter 8 Troubleshooting

Warning

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.

Problem	Solution
No power	<ul style="list-style-type: none">-Check if the power adaptor is properly connected to the power and the TV Box.-Press the power on the remote controller to turn on the power
No picture	<ul style="list-style-type: none">-Reconnect with HDMI cable or AV cable.-Check if the TV is switched on.
No sound or distorted sound	<ul style="list-style-type: none">-Adjust the volume.-Check that the speakers are connected correctly.
No audio or digital output	<ul style="list-style-type: none">-Check the digital connections.-Check if your amplifier is set correctly.
The box does not respond to the remote control	<ul style="list-style-type: none">-Aim the remote control directly at the sensor on the front of the TV Box.-Reduce the distance to the TV Box.-Replace the batteries in the remote control.
Player does not respond to some operating commands during playback	<ul style="list-style-type: none">-Operations may not be permitted. Refer to the user manual.-Possibility of system halted, re-insert with power adaptor to restart.
No sound during movies playback	<ul style="list-style-type: none">-The audio codec may not be supported by the TV Box. You can change to the supported audio on playing menu.-Check the volume.
The contents of the USB flash drive cannot be read	<ul style="list-style-type: none">-The USB flash drive format is not compatible with the box.-If one of the USB can not be read. Please turn off the TV Box for 30 seconds and restart the TV Box.
Slow operation of the USB flash drive	<ul style="list-style-type: none">-Big file size or high resolution USB flash drive takes longer time to read and display on the TV screen.
No sound with HDMI connection	<ul style="list-style-type: none">-Check the connection between the TV and the HDMI jack of box.-Check your TV system setup.-Check the volume.
The TV screen is blank and the player LED is blinking	<ul style="list-style-type: none">-Turn off your TV Box, wait 30 seconds, turn it on again.-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.

Chapter 9 Specification

Parameters Items	DC 5V/2A	Android TV Box
Main function	On-line video (IPTV and OTT TV programs)	Many IPTV programmes, all standard IPTV software and popular on-line video website based on android system. (Such as Youtube, Netflix. Local satellite TVs, Sports, finance, etc) It can also connect to your designated website.
	Android applications	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.
	All formats with Full HD definition	Builds in all formats 1080p high definition decoding; Supports three main HD formats VC-1, H.264, MPEG2-HD together with common formats rm, rmvb, divx etc; Support more new formats by installing android player.
Video format	1080p/720p/480p multi-format decoding	MPEG1/MPEG2/P\MPEG4/VC-1/H.264/Real video formats including avi, mpeg, vob, mkv, ts, m2ts, wmx, rm, rmvb suffixes and so on.
Photo format	Up to 80M pixels	JPG, BMP, PNG
Audio format	Multi-audio format	Mp3, WMA, WAV, MIDI, OGG, Ac3, DTS(some formats need the support of the third party player software).
Hardware configuration	Main chipset	Dual Core Cortex A9 1.5GHZ
	GPU	Dual Core Mali-400
	Memory	1GB -DDR3, 4GB-FLASH (other capacity available.)
	Storage cards	Mrico SD/TF card; Voltage: 2.7-3.3V
Input interface	USB interface	Three USB 2.0 high-speed ports.
	Internet interface	Standard RJ45 Internet interface. Support internet wireless Wi-Fi(some other models require additional adaptor).
Output interface	Audio	Optical digital audio output.AV port or analog L/R stereo output, or HDMI synchronized sound output.
	Video	Standard 3.5mm AV output port(Female), or HDMI 1.4 standard interface.
Others	Remote distance	Effective distance is more than 6 meters.
	Dimension	108x108x21.5mm
	Weight	140g
Power rating	Power rating	DC 5V/2A

The specification and contents subject to change without the prior notice