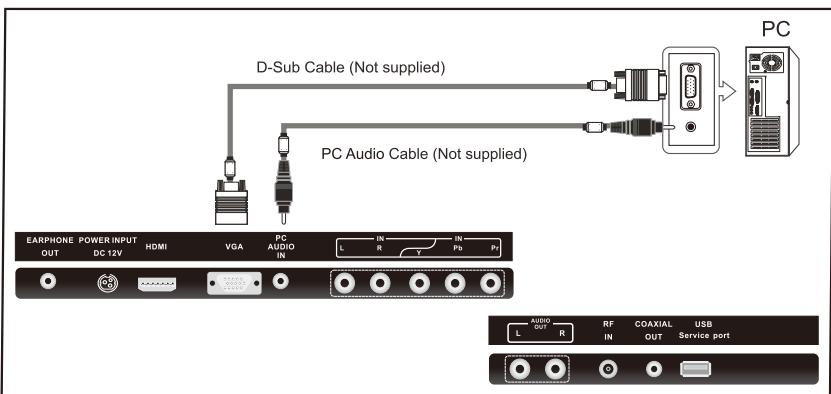


External Connection

Connecting PC



Each PC has a different back panel configuration.

The HDMI jacks do not support PC connection.

We recommend the use of cables with a Ferrite Core.

1. Connect a D-Sub Cable between RGB/PC IN connector on the TV and the PC output connector on your computer.
2. Plug PHONE out connector into PHONE out jack on the TV the TV speaker will be muted.
3. Connect the PC audio input jacks on the TV

Supporting signals

Input	Mode
Air	8VSB
Cable	Free64/256QAM
CVBS	NTSC3.58
S-Video	NTSC3.58

Input	Resolution	VerticalFrequency
Component	480p	60Hz
	720p	60Hz
	1080i	60Hz
	1080p	60Hz
HDMI	480p	60Hz
	720p	60Hz
	1080i	60Hz
	1080p	60Hz

Input	Resolution	VerticalFrequency
PC/VGA	640x480	60Hz
	800X600	60Hz
	1024X768	60Hz
	1360X768	60Hz
	1920X1080	60Hz

Note: only 22" can support the resolution of 1920x1080

Basic Operation

Turning the TV On and Off

1. How to turn the TV on or off

1. After attaching cable to either an antenna or a cable service, insert the power cord plug into a polarized AC outlet.
2. Press \diamond button on the LED TV.
3. Normal picture will be displayed on the screen after 6 seconds. If no signal input, "No Signal" will be displayed on the screen.
4. If temporary POWER off is required, press \diamond button on the LED TV.
5. If you want to completely switch off the power for this unit, unplug the power cord plug for this unit.
6. After switching off the unit, you should turn on the TV again at least 5 seconds later.

Status indication lamp

Green: In power on mode.

Red: In standby mode.

Auto power off

If there is no signal input in any Mode, the TV will automatically access the standby state in about 15 minutes.

Memory before turning TV off

The settings of picture and the preset channels will be memorized at turning off the unit. When being started up again, the unit will work according to the mode set before being turned off.

OSD Menu Operations

Adjust the OSD Screen



Press SOURCE button to display the input source list.
 Press ▼/▲ button to select the input source you want to watch.
 Press ENTER button to enter the input source.

Picture



OSD Menu Operations

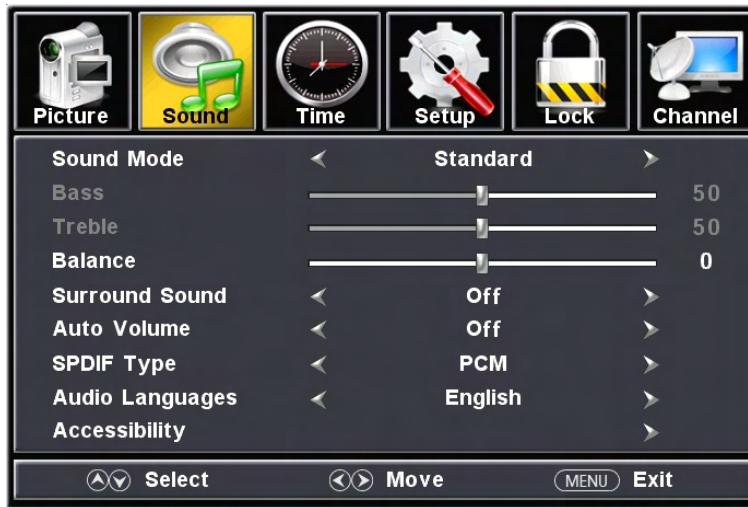
Picture

Function introduction

Item	Variable range	Default	Explanation
Picture Mode	Standard / Dynamic /Soft/ User	Standard	
Contrast	0---100	50	You will need to watch the picture when you adjust it, so we close the mainmenu, pop up Contrast small menu
Bright	0---100	50	Same to Contrast
Color	0---100	50	This item is unavailable under VGA channel and DVI signal
Tint	-50----50	0	Only adjustable under NTSC signal, unadjustable under other signals. Recover to 0 under non NTSC signal.
Sharpness	0---100	50	This Item is unavailable under VGA channel and DVI signal
Color Temp.	Normal/Warm/Cool	Normal	
Blue Screen	On/Off	Off	After opening this option if there is no signal input, the screen turns blue.

OSD Menu Operations

Sound



Function introduction

Item	Variable range	Default	Explanation
Sound Mode	Standard / Music / Movie / User	Standard	
Bass	0---100	50	
Treble	0---100	50	
Balance	0---100	50	
Surround	Off / On	Off	
Auto Volume	On / Off	On	
SPDIF	RAW/ PCM	RAW	Only available under DTV channel and HDMI channel, it is grey under other channels
Accessibility	Voice Guide/ Video Description		Press left or right or enter key on the remote, will enter the TTS subpage item settings. The meaning of the text read aloud, after opening can adjust the intensity and speed of sound

OSD Menu Operations

Time



Function introduction

Item	Variable range	Default	Explanation
SleepTimer	Off/5Min/10Min/15Min/30Min /45Min/60Min/90Min/120Min /180Min/240Min	Off	
Time Zone	Pacific/Alaska/Hawaii /Eastern/Central/Mountain	Pacific	
Daylight Saving Time	Off/On	Off	Only adjustable under DTV channel.
Time Format	12-hour/24-hour	12-hour	
Auto Clock	Off/On	Off	

OSD Menu Operations

Setup



Function introduction

Item	Variable range	Default	Explanation
Menu Language	English/ French /Spanish	English	Now there are only three kinds of language for OSD, if clients need more, we can add
Transparency	Off/On	Off	
Zoom Mode	Non VGA channel: Wide/Zoom/Cinema /Normal VGA channel: Wide/Normal	Wide	Only can be adjusted when there is signal
Noise Reduction	Off/Weak/Middle/Strong	Middle	
advanced			It always stands for the preliminary menu include further sub page menu
Source Label			It always stands for the preliminary menu include further sub page menu
Closed Caption	Off/On	On	You can enter CCD submenu
DLC	Off/On	On	Dynamic contrast adjustment.
Setup Wizard			Press left or right will enter install setup menu.
Restore Default			Press left or right button then will enter restore page. User can select YES to default value for all the set up value, or select NO to does not restore.

OSD Menu Operations

Lock



Note:

Input the correct password with four number (from 0-9), then you can enter next level menu. If the password is wrong, then there will be prompting information in the middle of the menu



OSD Menu Operations

Lock

Function introduction

Item	Variable range	Default	Explanation
Set Password			Password to access user-defined menus.
System Lock	Off / On	Off	Child lock main switch, if it is off, US and Canada will be gray.
US			US V-chip set.
Canada			Canadian V-chip set.
RRT Setting			Canadian V-chip set. Only when the DTV code RRT traffic detected by the system, then you can enter the sub-menu, or it will be gray.
Clear Lock			Restore to the default v-chip settings.



Set password

User can modify the system password after press enter button, user can input 4 digital number in the line blank.

Confirm password

After modify the password, user must reconfirm the new password by it to make sure the password can work.

OSD Menu Operations

Lock



TV

Input defined by the user's television viewing menu.

MPAA

User can setting the child-level to watch TV Program.



Canada English

User can setting the child-level to watch TV Program by Canada English Character.

Canada French

User can setting the child-level to watch TV Program by Canada French Character.

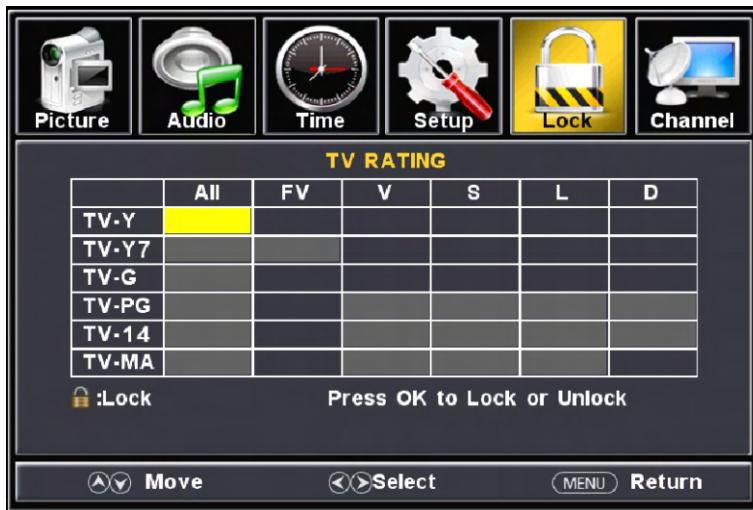
OSD Menu Operations

Lock



Note:

Before the reset, it should alert the user and then confirm again.



OSD Menu Operations

Lock

Note:

1. Use direction keys to move the object, press OK or Enter keys to lock or unlock. When lock it, it shows black screen and MUTE, pop out prompting menu for you to input password.

2. Only input correct password in prompt dialog box can you watch the program normally, but if you change the channel or close it and then return to this channel, you still need to input the password again.

Lock/ RRT Setting / Humor Level

Function explanation:

User can modify all of the RRT settings values by the item.

Lock/ RRT Setting / Intelligence Level

Function explanation:

User can restore the default settings values for the RRT settings values by the item.

Channel



OSD Menu Operations

Chennel

Function introduction

Item	Variable range	Defaul	Explanation
Air/Cable	Air/Cable	Cable	
Auto Scan			
Favorite			
Show/Hide			
Channel No.	Among all the channels searched		
Channel Label			
DTV Signal			



Cable System

User can select the standard mode for the wire search channel.

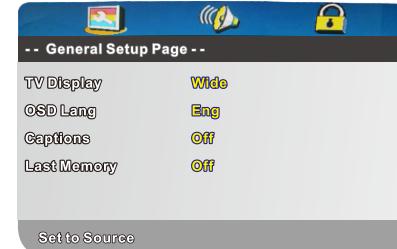
Start to Scan

Press right or enter button will Enter sub menu of searching.

DVD Setup Menu

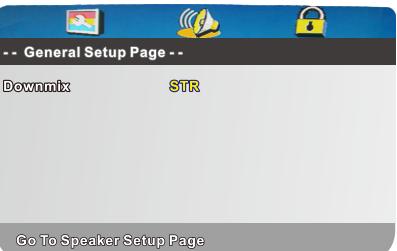
INITAL SETTING(DVD)

General Settings page



- 1.TV DISPLAY: Set the ratio of output to the television signal options are: Normal/PS(4:3 Pan Scan),Nomal/PS(4:3 Letter Box),Wide the current default settings is wide.
- 2.OSD Lang: Set the OSD language options.
- 3.CAPTION: Play the enclosed captions on some DVD titles, Optional settings: ON/OFF.
- 4.LAST MEMORY: Save the last to open with the related options are: ON/OFF.

Audio Setup Page



- 1.LT/RT: Logic Surround stereo audio output. This matrix-based coding process enables stereo audio tracks to carry four channels (left,center,right and surround) of audio data.
- 2.Stereo: Analog stereo audio output .The player sends the subwoofer and speech signals to your front right and front left speakers.

Preference Page



1. TV Type: This product supports output of various system, including Multi, NTSC, PAL.

PAL: Choose this settings if your DVD player is connected to a PAL TV. The default setting is PAL; NTSC: Choose this settings if your DVD player is connected to a NTSC TV. MULTI: Choose this settings if your DVD player is connected to a multi-system TV.

2. Audio: DVD built-in disc dubbing language selection options.

3. Subtitle: This player provides English etc. languages as the built-in subtitle language, when playing DVD, user may hide the subtitle or choose any of them as the present subtitle language.

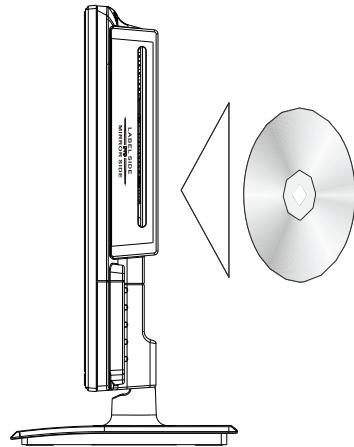
4. Disc menu: DVD Disc language selection options.

5. PARENTAL [DVD only]: This is to disable the playing of specified DVDs which are unsuitable for children. Some DVDs are encoded with specific rating level. If the rating level of the disc is higher than that preset in the setup operation, playback of the disc will be prohibited. After selecting one of the PARENTAL items, the screen will change to the PASSWORD page, and password is required. The Default Password is 8888.

6. PASSWORD[DVD only]: Change the PASSWORD.

7.Default: This option will resume the original settings of this player.

DVD OPERATION



DVD Support List:

Media Type	Format	Remark
Video	*.MPG, *.DAT	MPEG-1/2
	*.VOB	MPEG-2 MP@ML
	*.AVI	Xvid

Press **▲** button on the side panel or on the remote controller.

After placed a disc in the disc tray,
press **▶** button to play the disc, and
press **▶** button twice to pause.

Troubleshooting

If you have any problem, check the countermeasures for each symptom listed below. The following symptoms may have caused by inappropriate adjustment rather than actual malfunction of the unit. If the trouble persists, contact the service center.

Symptoms	Possible solutions
No power	Disconnect the power cord, wait 60 seconds then reconnect the power cord and restart the TV.
No picture	Check antenna connection. Station may experience problems, please tune to another station. Please adjust the settings of contrast and brightness.
Good picture but no sound	Increase the volume. please check sound settings.
Good sound but abnormal color or no picture	Check the antenna connection.
No remote control	No support for this function.
Full screen flickering under VGA	V-HEIGHT value may be set too big, restart computer and enter safe mode, then set monitor parameters to correct value according to adjustment description.
Horizontal stripes under VGA	Sample phase may be deflected, adjust phase according to picture position.
Colored dots may be present on the screen	This product is the high resolution LED display device and a few cell defects can occur in the manufacture of the LED. Several colored dots visible on the screen would be acceptable. in line with other LED manufacturers and would not mean that the LED is faulty. We hope you will understand that it could not be changed or refunded.

Picture defects and the reason



Snowy Picture

Snowy picture is usually due to weak signal. Adjust antenna or install an antenna amplifier.



Double Image or Ghosts

Double images are usually caused by reflections from tall buildings. Adjust the direction of the antenna or raise it.



Radio Wave Interference

Wave patterns are moving on the screen, which are usually caused by nearby radio transmitters or short-wave receiving equipment.



High Temperature Electrothermal Interference

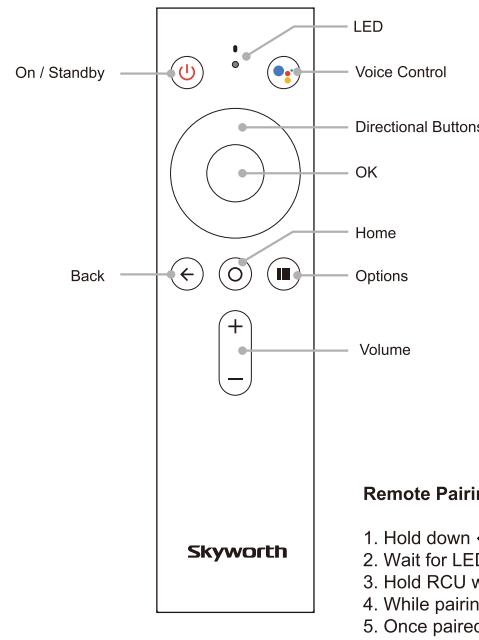
Diagonal or herringbone patterns appear on the screen or part of picture is missing. This is probably caused by high temperature electrothermal equipment in a nearby hospital.

Quick Guide

Skyworth

Android TV

Remote Control



Remote Pairing:

1. Hold down \leftarrow and \circ
2. Wait for LED to start flashing
3. Hold RCU within 20cm of STB
4. While pairing LED should be on
5. Once paired RCU should work and LED should go off.

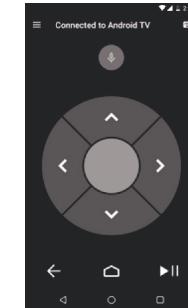
Remote Control App

Use your phone as a remote control for Android TV
You can navigate your Android TV using your phone or tablet with the Android TV Remote Control App

Set up the remote-control app

Tip: On your device, download and install the Android TV Remote Control App from Google Play or the App Store if you haven't already

1. Make sure your device is connected to the same Wi-Fi as your Android TV
2. On your device, Open the Android TV App
3. On your device, Select Menu
4. Manage Connection
5. Select: HPA02
6. Enter Pin as displayed on the TV
7. Tap Pair on your mobile device



5 Terms

End Users License Agreement (EULA)

The EULA terms and conditions can be viewed at the following link:
www.myskyworth.com/BingeTv/EULA

Warranty

Warranty Terms and Conditions can be viewed at the following link:
www.myskyworth.com/BingeTv/Warranty

Terms and Conditions Apply.

FAQ's

- a) **How to check if the Android TV box is switched on?**
The LED on the box will display a blue light if its on. If not, ensure that the power cord is connected properly, and the power supply is switched on.
- b) **What should I do if a blank or irregular screen appears when the Android TV box is switched on?**
Check that the HDMI cable is connected properly to the TV and the signal source of the TV is switched to the correct HDMI input.
- c) **How to register the Android TV box?**
A welcome screen will appear after switching on the Android TV box for the first time. Using a google account registration is made easy following step-by-step instructions.
- d) **How to install applications?**
Many applications such as, media player, file manager and games are available on the Google Play Store. Choose the application you want and click to install.

Warning

1.  This equipment is a Class II or double insulated electrical appliance. It has been designed in such a way that it does not require a safety connection to electrical earth.
2. **WARNING:** To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. The apparatus shall not be exposed to dripping or splashing and that objects filled with liquids, such as vases, shall not be placed on apparatus.
3. **CAUTION:** Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.
4. **WARNING:** The batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the like.
5. **WARNING:** The mains plug/appliance coupler/direct plug-in adapter is used as disconnect device, the disconnect device shall remain readily operable.
6.  **Correct Disposal** of this product. This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.
7. For the terminals marked with symbol of  may be of sufficient magnitude to constitute a risk of electric shock. The external wiring connected to the terminals requires installation by an instructed person or the used of ready-made leads or cords.
8.  **CAUTION**  **! This lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of non-insulated dangerous voltage within the products enclosure that may be of sufficient magnitude to constitute a risk of electric shock.**
Warning: To reduce the risk of electric shock, do not remove cover (or back) as there are no user-serviceable parts inside. Refer servicing to qualified personnel.
- The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance instructions in the literature accompanying the appliance.
9. Use only the AC adapter which is included in the product package. Any other adapter may cause damage to the device. Such damage is not covered under warranty.

Noxious Substance

Part Name	Hazardous Substances or element					
	Pb	Hg	Cd	CR(VI)	PBB	PBDE
Cabinet assembly	X	○	○	○	○	○
Cable assembly	X	○	○	○	○	○
Power /Adapter	X	○	○	○	○	○
Plastic and polymer	○	○	○	○	○	○
Metal part	X	○	○	○	○	○
Battery	○	○	○	○	○	○
RCU	○	○	○	○	○	○

○ : It indicates that content of toxic and hazardous substance in all homogeneous material are less than specified limit by Directive 2011/65/EU (RoHS).

It indicates that at least one content of toxic and hazardous substance in all homogeneous material is beyond specified limit by Directive 2011/65/EU (RoHS). This table shows the toxic and hazardous substance when manufacture this device, hazardous substance information is based on information from supplier as well as internal inspection. In some part, hazardous substance cannot be replaced in current technical level, but Skyworth Digital is always trying its best at all the time.

The products complies the basic requirements and other relevant regulations directives of Europe,such as LVD 2014/35/EMC 2014/30/EU RoHS 2011/65/EU,etc.

Specifications

Name:	Set Top Box
Model:	HPA02
CPU:	Amlogic S905X (Quad-core Cortex A53@ up to 2.0GHz)
Memory:	2GB
Flash memory:	8GB
Power supply:	12V == 1A
Frequency bands:	2412-2462MHz
Imported By:	SKYBLU TECHNOLOGIES (PTY) LTD
Address:	2nd floor, 29 Degrees South, 7 Umsinsi Junction, Dube City, KwaZulu Natal, South Africa
Working environment:	Working temperature: 0°C → 45°C Storage temperature: -20°C → 45°C
Manufacturer:	Shenzhen Skyworth Digital Technology Co.,LTD
Address:	Unit A14/F, Skyworth Building., Gaoxin Ave.1s., Nanshan District, Shenzhen, China
Country of Origin:	Made in China

FCC Statement

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.

To assure continued compliance, any changes or modifications not expressly approved by the party.

Responsible for compliance could void the user's authority to operate this equipment. (Example- use only shielded interface cables when connecting to computer or peripheral devices).

This equipment 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.

FCC Radiation Exposure Statement:

The equipment complies with FCC Radiation exposure limits set forth for uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

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