

User Manual

YH8240

GENERAL INFORMATION AND SAFETY INSTRUCTIONS

Never allow children to play with electrical equipment.



This symbol indicates that high voltage is present inside. It is dangerous to make contact with any part inside the case.



This symbol alerts you of important information concerning operation and maintenance of this product.

SAFETY

- . Never place the unit in hot, humid or excessively dusty places.
- . Do not install the unit where it may be exposed to mechanical vibrations.
- . This product should be operated only from the type of power source indicated on the rear of the unit.
- . Do not touch the power cord with a wet hand or continue to use a damaged power cord. It may cause an electric shock.
- . Never open the cover. High voltage in the unit may result in electrocution.
- . Disconnect the power cord to the unit before connecting any cables.

CAUTION

- . To prevent fire or electrical shock do not expose the appliance to water.
- . Ensure that objects filled with liquids, such as vases, are not placed on the apparatus.
- . If an object or liquid gets into the unit, disconnect the plug and ask an approved technician to check the unit.
- . Never place the unit in a confined space such as a bookcase or built-in cabinet unless proper ventilation is provided. Leave a 10cm gap around the unit.
- . The recommended operating temperature is from 0°C ~ 40°C and humidity should be under 95%.
- . For your own safety, do not touch any part of the unit, power lead or aerial lead during a lightning storm.
- . Use a damp cloth to clean the unit.
- . Do not use liquid cleaners, solvent or abrasive products, etc.

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.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

*RF warning for Mobile device:

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

FCC ID: 2AFY5-YH8240

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HOW TO USE THIS MANUAL

This manual provides complete instructions for installing and using this box.

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Please Note: The Remote Control Unit and box may be changed without notice in advance. So this manual may be different in some ways. In this case, please refer to the product.

1. Parts List

Please make sure the following accessories are supplied with the STB.

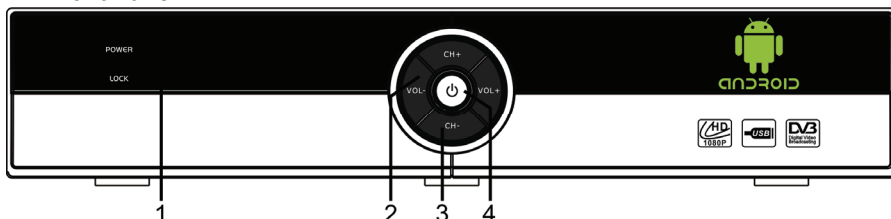
- ① Digital terrestrial receiver
- ② Remote Control
- ③ RCA Composite Video/Audio Cable
- ④ Batteries (AAA Size)
- ⑤ User Manual

Warning:

Please don't recharge, disassemble, electric, and mix with used or other battery types.

2. Receiver Description

2.1 Front Panel



1. Front Panel Display

Front panel window displays information concerning current operation such as CH number and so on. A hidden sensor senses infrared signal from the remote control.

2. VOL+/ VOL-

Moves the cursor left/right in Menu state. Change the volume in No-Menu state.

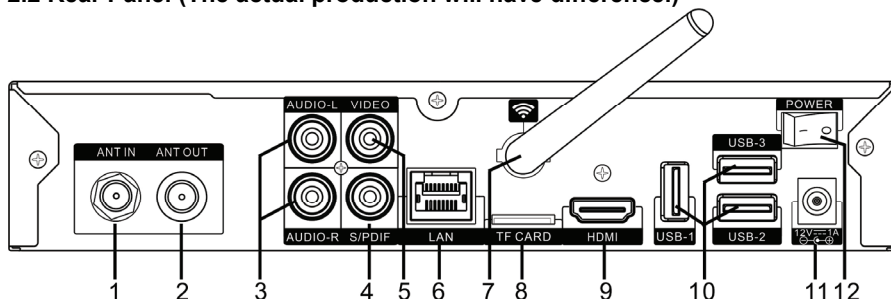
3. Standby Button

Press to switch between operation and standby modes. The blue LED illuminates when unit is operational and turns off when in standby mode.

4. CH+/CH-

Move the cursor up/down in Menu state. Change the current program to the previous/next program in No-Menu state.

2.2 Rear Panel (The actual production will have difference.)



- | | |
|--------------------------|---|
| 1. ANT IN | Used to connect an antenna. |
| 2. ANT OUT | Used to loop to an extra analogue or digital device. |
| 3. AUDIO L/R | Connects to a TV audio input, HD Monitors audio input or an |
| 4. S/PDIF | Connects to an External Audio Amplifier with S/PDIF / coaxial Digital Audio (optional). |
| 5. VIDEO | Connect to a TV with video input. |
| 6. LAN | Connect to internet. |
| 7. WIFI antenna | This box has WIFI function and a built in wireless module. In the Network sub menu of the Setup Menu you can configure the device to connect WLAN. |
| 8. TF CARD | Insert the TF card. |
| 9. HDMI Connector | Connects High-Definition Multimedia output to HD Monitors (HDMI Type). |
| 10. USB | USB port is used for viewing external files (MP3 files, Photos and Movies), recording content to an external USB memory device, playback of content recorded by this device and for software upgrades. (Software upgrades only when advised by service technician.) |
| 11. DC IN jack | This is used to connect the AC adapter. |
| 12. POWER | Turn the receiver's power on or off. |

2.3 Remote Control Unit

POWER  : Press to switch between Operation and Standby modes.

MUTE  : Press to temporarily cut off the sound.

RED / GREEN / YELLOW / BLUE: Special function keys, please refer to the clue on screen.

◀◀: Fast reverse. Play the recording at increased speed. By pressing the button multiple times you select from eight different speeds.

▶▶: Fast forward (refer to ◀◀)

|◀◀/▶▶|: Skip to the previous or next program.

PLAY ▶: Starts playback at the beginning of the current record session or returns to normal playback speed from fast reverse/forward or pause.

PAUSE | |: Pauses the playback.

STOP ■: Stops the playback.

REC ●: Start recording.

EPG: Press to display the Electronic Program Guide.

INFO: Display the information of the current program.

AUDIO: Press to select different audio mode.

SUB: Press to view subtitles (Closed Captioning).

: Press to display the Main Menu.

: Press to open web browser.

▲/▼/◀/▶: Move cursor.

OK: Press to select the item in the menu or to view a list the TV/Radio channels.

MENU: Press to view the menu list, such as in DVB mode.

: Press to return to the previous menu or to return the previous channel.

VOL +/-: Adjust volume.

/ : Press to change the mode of cursor.

INTER: Change the input method.

PG +/-: Page up/down in the channel list.

NUMBER BUTTONS (0~9): Press to input Channel, Password, PID code and etc.

DEL : Delete the input.

TV: Press to enter the TV mode.

3. Getting started

3.1 Installing the batteries in the remote control

1. Place your finger or thumb under the holding catch and gently press upward and forward to release the cover.
2. Insert two AAA batteries into the recess.
3. Replace the lid over the recess and gently push down on the lid until it snaps firmly into place.

Caution

1. Keep batteries out of children's reach.
2. Don't attempt to recharge, short-circuit, disassemble, heat or throw the batteries into the fire.
3. Always replace both batteries at the same time. Never mix new and old batteries or batteries of a different type.
4. If you don't intend to use the remote control for an extended period, remove the batteries to prevent possible leakage and corrosion.
5. Do not drop, apply shock or step on the remote control.
6. Do not spill water on the remote control.

Note: If the box does not respond when operating the remote control from a close range, you will need to replace the batteries.

Using the Remote Control

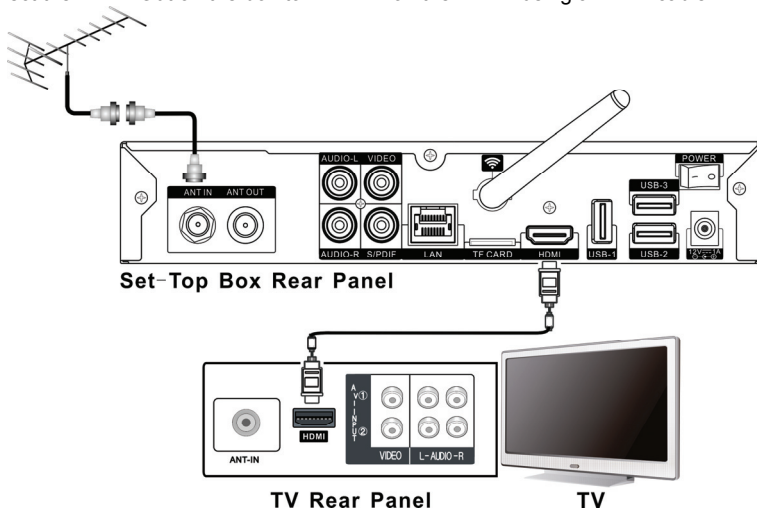
1. To use the remote control, point it towards the front of the box.
2. The remote control has a range of up to 7 metres from the set top box at an angle of up to 60 degrees.
3. The remote control will not operate if its path is blocked.

Note: Sunlight or very bright light will decrease the sensitivity of the remote control.

3.2 Connecting to Equipment

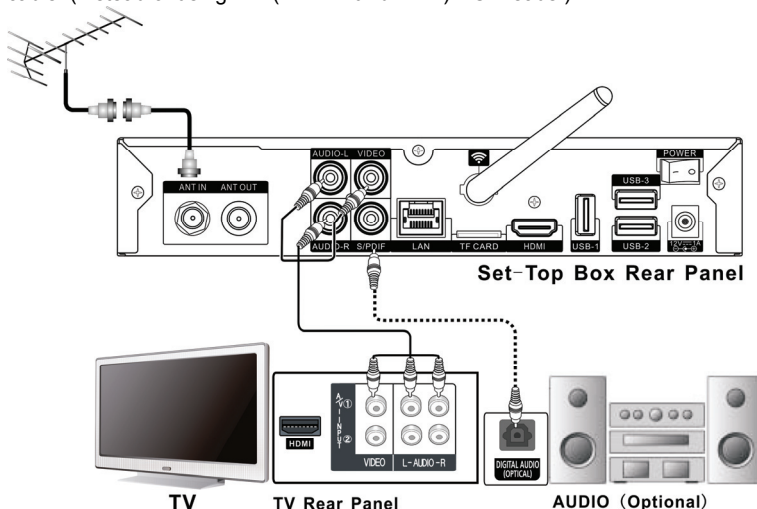
CONNECTING TO A HIGH DEFINITION TELEVISION (HDTV)

- i. Connect the **HDMI** Out on the box to HDMI In on the **HDTV** using a HDMI cable.



CONNECTING TO A STANDARD DEFINITION TELEVISION

- ii. Using the provided Composite cables connect the **yellow** plug to the corresponding yellow socket on the box and TV. Connect the **AUDIO L/R (WHITE and RED)** lead to the corresponding white and red sockets on the box and the **AV in** sockets at the rear of the TV. **Optional:** Connect coaxial **S/PDIF** out connector on the box to the Audio-Amplifier using optical cable. (Instead of using L/R (**WHITE and RED**) RCA leads.)



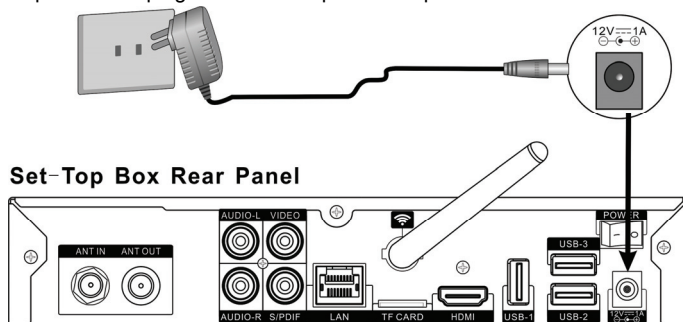
Note: Please ensure that your TV is set to the correct input channel depending on your connection type e.g. AV1, AV2, Component, HDMI etc.

Use the TV remote control to select the TV input channel connected to the box. Refer to your TV user guide or technical helpline if unable to select the input channel.

CONNECTING THE POWER SUPPLY

iii. Follow the picture and connecting the AC adapter to the player's **DC IN** jack.

iv. Follow the picture and plug in the AC adapter to the power outlet.



3.3 Instruction

Starting up for the First Time

When using the box for the first time, it will set up the parameters of the system automatically. Ensure the box is connected complete. It'll just take you a moment to get the box setup and ready for use.

Main Menu

When you watch TV at normal state, you can press **MENU** to view the menu list. Then you can set or view a series of parameters about the system, or even enter the other application.

- Press the button ◀/▶ to change the item, press **OK** to enter;
- Press the button ▲/▼ to select the sub-menu item, press **OK** to enter the sub-menu.
- Press ↶ to exit from the menu.



Main menu consists of 5 major main sections, please refer below:

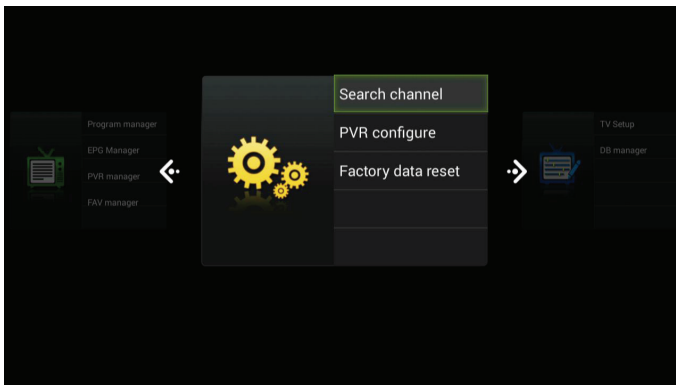
- | | |
|-----------------|---|
| Internet | Select this environment to view internet. Or add another internet tools in this menu. |
| Music | You can add music applications in the menu. |
| Game | You can add game applications in the menu. |
| Video | You can add video applications in the menu. |
| DVB | This box supports high definition digital TV signal (DVB-T TV system) reception and display. Select this option to set or view parameters of watching TV. |

It consists of 5 major menu tools sections under the main menu, please refer below:

- | | |
|--------------------|--|
| Internet | Select this environment to view internet. |
| Gallery | You can view pictures stored on USB storage device. |
| Setting | Set some parameters of the system, such as sound setting, display setting and so on. |
| Apps | Select this environment to view applications installed on the box. |
| Filebrowser | You can view a lot of media files stored on USB storage device, external storage card, or external hard disk drives. All these equipments should connected to the box correctly first. |

TV

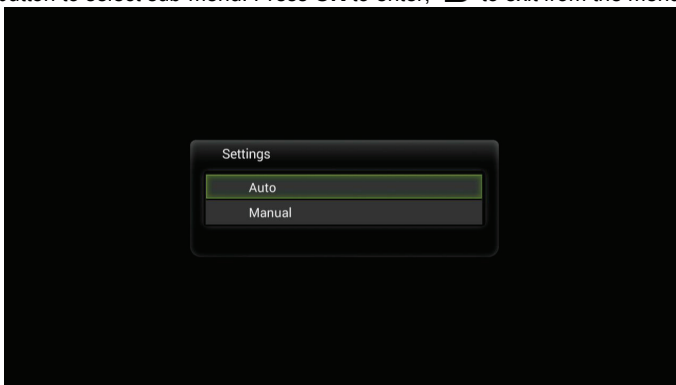
In the main menu select **DVB** selection press **OK** to enter, then press **MENU** key to view the menu.



< Search channel >

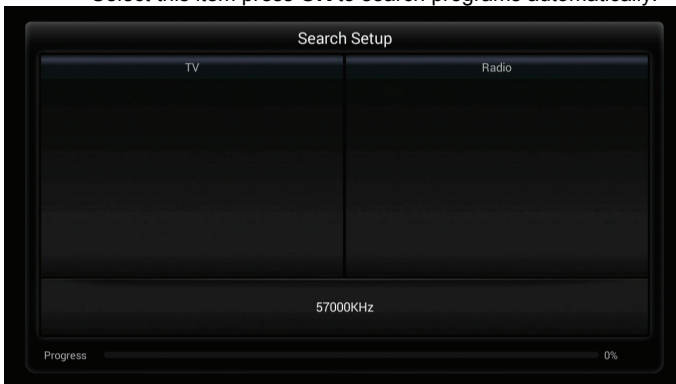
Search channel in this menu.

Use ▲/▼ button to select sub-menu. Press **OK** to enter, ↶ to exit from the menu.



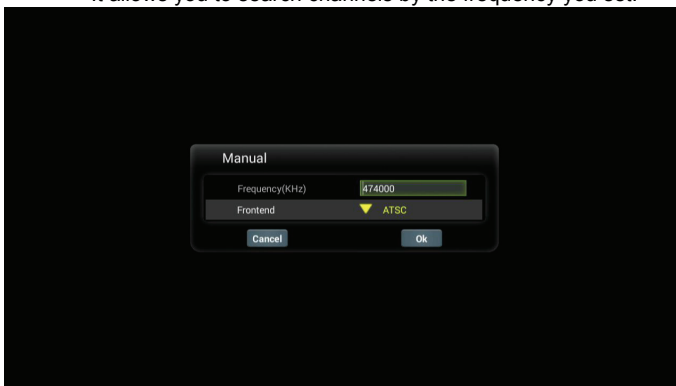
Auto

Select this item press **OK** to search programs automatically.



Manual

It allows you to search channels by the frequency you set.



< PVR configure >

You can view the PVR configure parameters, or view the USB device information.

Disk: You can select one USB device to store the programs recorded on your box.

Timeshift Size: Set the time shift size of the PVR recordings.

< Factory data reset >

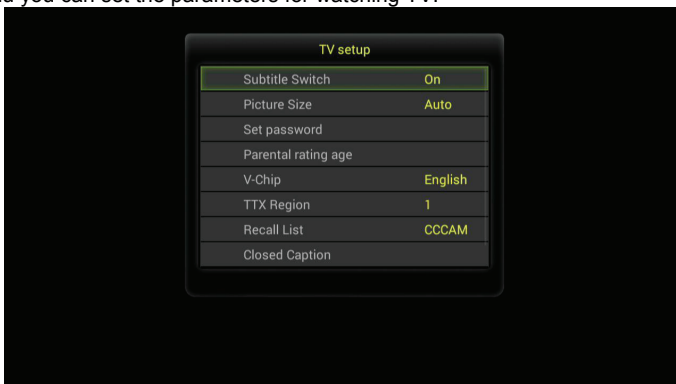
Deletes all the data and settings currently saved and brings the system to the initial status.

(The default password is 0000.)

Input the password to enter the menu, and then select "OK" press **OK** key to commence the default operation,  to cancel.

< TV setup >

In this menu you can set the parameters for watching TV.



< DB manager >

Load from USB or SD card: You can recover the data in the sub-menu of **Load from USB**;

Backup to USB or SD card: If you want to restore the box to factory default status, you can save the system data to USB or SD card.

(Please make sure that USB HDD or SD card is connected correctly, detailed operation please follow the tip displayed)

< Manager >

Program manager In this menu, you can edit the channels stored in the box.

EPG manager Electronic Program Guides provide Extended programme information for all channels for the next 7 days including extended information for each programme. In this environment you can tag a programme to be recorded.

PVR manager You can record channels to the external HDD mounted on this device or the an external drive connected to the USB ports on the device.

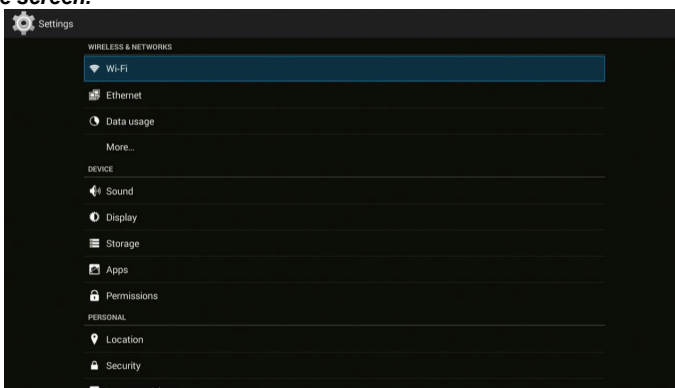
FAV manager You can edit favorite programmes in this menu.

Setting menu

Set the detailed parameters of the Android system.

- Press the button ▲/▼/◀/▶ to select sub item, press **OK** to enter item menu.
- On some input item, you can press **OK** to call out the keyboard, and then select correct character or symbol by ▲/▼/◀/▶, **OK** to confirm to input.
- Press ↶ to exit from the menu.

Note: *The methods of operating may be different in different menus, please refer to the clue on the screen.*



WIRELESS & NETWORKS You can set the parameters of the wireless and networks. Switch on/off the Wi-Fi, and edit the detailed settings of the Ethernet.

DEVICE In this menu, you can edit the attribute of the device, such as sound, display and so on.

PERSONAL

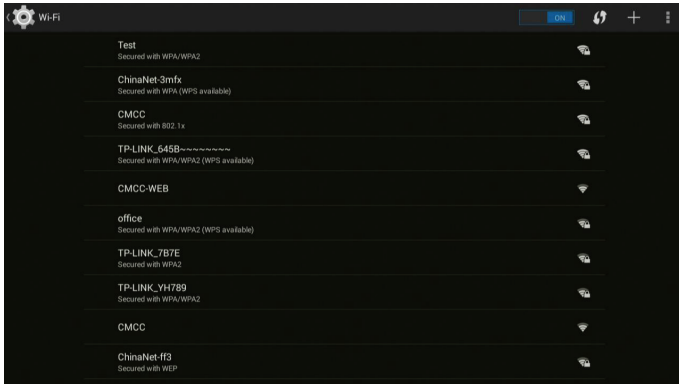
Editing some personal settings in this item, such as language of the system menu, methods of input, or even reset the system to the factory status.

SYSTEM

View a lot of the system information.

< Wi-Fi >

Switch on/off the Wi-Fi. You can select one Wi-Fi to connect, press **OK** to connect, then operate by the clue on the screen.



- Press the button **▲/▼/◀/▶** to select the Wi-Fi switch on the right corner of the screen, press **OK** to switch on/off the Wi-Fi.
- When switch on the Wi-Fi, press the **▲/▼** to select Wi-Fi, press **OK** to enter. It will call out the password enter screen, you need input password when enter the Wi-Fi is encrypted.
- And then input password by numerical keys, select "Connect" press **OK** to confirm to connect.
- Press **↶** to exit from the menu.

Applications/Internet

There apply a lot of applications, such as Messenger, Facebook, Web browser and so on. You can select by your purpose, and you should operate by the clue on the screen in different screens.

A1 Trouble Shooting

There may be various reasons for the abnormal operation of the box. Check the box according to the procedures shown below.

SYMPTOM	CAUSE	REMEDY
The LED doesn't light up	The power cord is not plugged in.	Check that the power cord is plugged into the wall outlet.
No picture or sound	Wrong connection of the Audio/Video output of the box to TV. Audio muting. TV power off.	Connect the Audio/Video output of the box to TV correctly. Press the MUTE button. Turn TV on.
No picture	The box can't receive the signal. Incorrect values of some tuner parameters. Wrong direction of the dish.	Check the antenna cable, replace the cable, or connect the cable to the box tightly. Set the values of some tuner parameters correctly in setting menu of ZTV. Check the signal strength with a spectrum analyzer and adjust you dish correctly.
The remote controller does not working	The batteries of the remote controller are not inserted or exhausted	Check whether the batteries are inserted correctly in you remote controller. Check the batteries, and if exhausted replace the batteries of the remote controller.
The internet applications are not available	The box isn't connected to internet. Incorrect values of some internet parameters.	Check the internet connection is correctly. Set the parameters of the internet correctly in setting menu of ZTV.

A2 Specifications

Section	Detailed Section	Explanation
Input Signal	Input Frequency	49 ~ 861MHz UHF& VHF
	Input Impedance	75 Ohm
	Channel Bandwidth	7M & 8MHz
	OFDM Spectrum	2K/8K-carrier hierarchical
	Modulation Mode	QPSK, 16QAM, 64QAM
	Guard Interval Modes	1/4, 1/8, 1/16, 1/32
	Code Modes	1/2, 2/3, 3/4, 5/6, 7/8
Video	Decoding	MPEG1/2, H.264
	Display Video Type	1080i/720p/576p/576i
	HD Video Output Type	HDMI
	SD Video Output Type	CVBS
Audio	Decoding	MPEG-1,MPEG-2(layer I and II)
	Frequency Response	20Hz~20k Hz , 0±6dBu
	Sampling Frequency	32, 44.1, 48KHz
	Audio Output Type	Stereo(RCA photo jack)
	Digital Audio Output	Coaxial S/PDIF
Power	Power	AC100 ~ 240V
	Operating Frequency	50/60Hz
Environmental Condition	Operating Temperature	0 ~ 40℃
	Weight	Around 1.1 kg
	Dimension	215mm (W) x 160mm (D) x 40mm (H)

Note:

1. This product complies with legal standards and is manufactured under constant quality control.

2. Technical specifications are up-to-date at the time of printing, however can be subject to changes without prior notice.