

物料编码	72-43D190-X84Z1	品牌	MICROMAX	销往地			
物料名称	说明书	机型/机芯	43D1901 3RT841B1T2B	BOM/批次	E7-43D190YY-TH0		
		销售型号	43HS521AN				

制作要求

工艺或使用方法

尺寸	A5 ( 143x210mm )
材质	80G paper (80克书写纸)
颜色要求	white word on the black background (白底黑字。)
是否折叠或装订要求	
是否送样	否

说明书内容见下页。

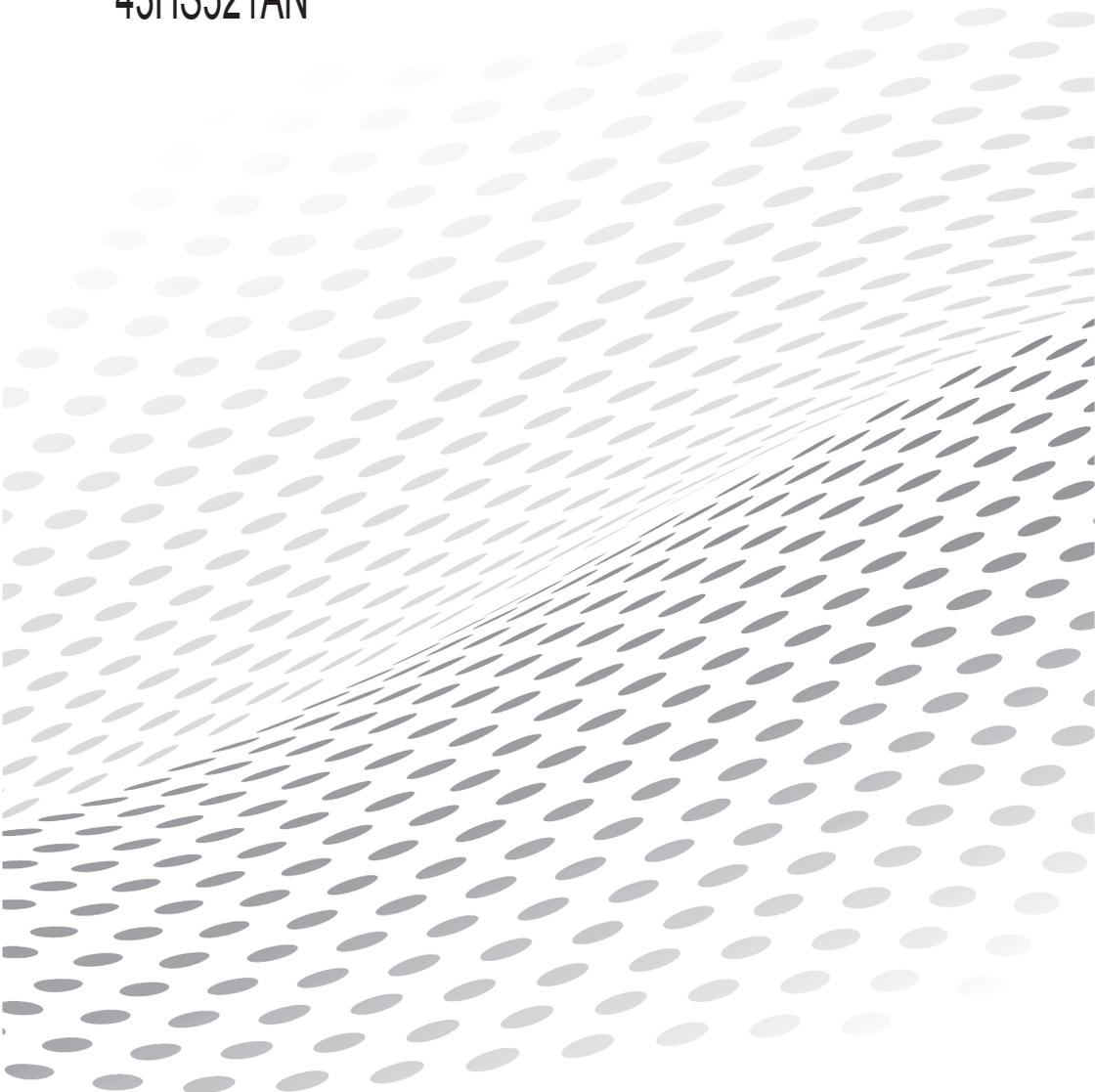
备注：

制作人	刘德勇	制作日期	2019.07.22
平面审核		硬件会签	
结构会签		业务/DQA	
软件会签		会签	

# ACONATIC

OPERATION MANUAL

43HS521AN



# IMPORTANT SAFETY INSTRUCTIONS



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 product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock.

## WARNING

- 1.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.
- 2.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.
- 3.Do not install this equipment in a confined or building-in space such as a book case or similar unit, and remain a well ventilation conditions at open site. The ventilation should not be impeded by covering the ventilation openings with items such as newspaper, table-cloths, curtains etc.
- 4.Please refer the information on exterior bottom enclosure for electrical and safety information before installing or operating the apparatus.
- 5.The mains plug/appliance couple is used as disconnect device, the disconnect device shall remain readily operable.
- 6.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.
- 7.The battery (battery or batteries or battery pack) shall not be exposed to excessive heat such as sunshine, fire or the like.
- 8.Never place a television set in an unstable location. A television set may fall, causing serious personal injury or death. Many injuries, particularly to children, can be avoided by taking simple precautions such as:
  - Using cabinets or stands recommended by manufacturer of the television set.
  - Only using furniture that can safely support the television set.
  - Not placing the television set on tall furniture (for example, cupboards or bookcases) without anchoring both the furniture and television set to a suitable support.
  - Not placing the television set on cloth or other materials that may be located between the television set and supporting furniture.
  - Educating children about the dangers of climbing on furniture to reach the television set or its controls. If your existing television set is being retained and located, the same considerations are above should be applied.
- 9.No naked flame sources, such as lighted candles, should be placed on the apparatus.
- 10.Keep a minimum distance of 5 cm around all edges of the display for sufficient ventilation.

### Notes for battery disposal

The batteries used with this product contain chemicals that are harmful to the environment. To preserve our environment, dispose of used batteries according to your local laws or regulations. Do not dispose of batteries with normal household waste. For more information, please contact the local authority or your retailer where you purchased the product. All trademarks are the property of their respective owners and all rights are acknowledged.



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.



To prevent the spread of fire, keep candles or other open flames away from this product at all times.



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.

# Table of Contents

## Chapter 1: Introduction

Precautions .....	4
Product .....	4
Power and Plug .....	4
Power Cord and Signal Cable .....	4
Use Environment .....	4
Cleaning .....	4
Hanging the TV Set on the Wall .....	4
Buttons on the TV .....	5
Sockets .....	6
Remote Control Functions .....	7
How to Pair Remote Control with the TV.....	8

## Chapter 2: General Operation

Switching on .....	9
Switching off .....	9
Network connection .....	10

## Chapter 3: Initial Setup

Google Initial Setup.....	11
TV Initial Setup.....	12

## Chapter 4: Home Features

Homepage Operation .....	13
--------------------------	----

## Chapter 5: Using your TV

Accessing channels .....	14
Watching connected devices .....	14
Volume.....	14
Using Quick Access Menu.....	14
Display & Sound .....	14
TV .....	14
Using System Settings.....	15
Channels Setup .....	15
External Input.....	15
Picture & Display .....	16
Sound .....	16
Smart Zone .....	17
System .....	17

## Chapter 6: Other Information

Attention and Frequently Asked Questions .....	18
Multimedia.....	18
Troubleshooting .....	19
Base Installation .....	19
Technical Specification .....	20

## Precautions

Read all of the instructions before operating the set. Keep these instructions well for future use.

## Product

- Do not block or cover the ventilation openings on the back cover.
- Do not push objects of any kind into this unit through the cabinet slots as they could touch the current carrying parts or short-circuit parts, resulting in fire, electric shock, or damage to the unit.
- Do not attempt to open the cabinet as this may cause damage. There are no parts inside you can service by yourself. Refer all servicing to qualified personnel.
- Do not touch the screen surface with fingers as this may scratch or mar the TV screen.
- Do not impact the TV screen with hard pressure as this may damage the TV screen severely.

## Power and Plug

- Unplug the set under the following conditions:
  - If the set will not be used for a long period of time.
  - If the power cord or the power outlet/plug is damaged.
  - Follow the instructions to install and adjust the product. Adjust those controls that are covered in this operating instructions as improper adjustment of other controls may result in damage. If this happens, unplug the set and refer to the service personnel.
  - If the set is subject to impact or has been dropped to have the cabinet damaged.

## Power Cord and Signal Cable

- Do not allow anything to rest on or roll over the power cord and the signal cable.
- Protect the power cord and the signal cable from being trampled.
- Do not overload the power cord or the power outlet.
- Do not expose the power cord and the signal cable to moisture.

## Use Environment

- Do not place the set on an unstable cart, stand, or table.
- Place the set on a place that allows good ventilation.
- Do not use the set near damp, and cold areas. Protect the set from overheating.
- Keep the set away from direct sunlight.
- Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.
- Do not use the set near dust place.

## Cleaning

- Dust the set by wiping the screen and the cabinet with a soft, clean cloth or some special liquid cleaner.
- Do not apply excessive force to the screen when cleaning.
- Do not use water or other chemical cleaner to clean the screen as this may damage the surface of the TV screen.

## Hanging the TV Set on the Wall

**Warning: This operation requires two people.**

To ensure a safe installation, observe the following safety notes:

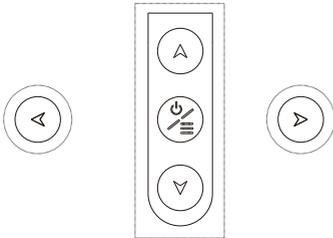
- Check that the wall can support the weight of the TV set and wall mount assembly.
- Follow the mounting instructions provided with the wall mount.
- The TV set must be installed on a vertical wall.
- Make sure to use only screws suitable for the material of the wall.
- Make sure that the TV set cables are placed so that there is no danger of tripping over them.

All other safety instructions about our TV sets are also applicable here.

Note:  
Illustrations within this publication are provided for reference only.

## Buttons on the TV

**Note:** The location and names of the function buttons and power button on the TV may vary according to TV model. And some buttons may not available for some models.



1. ▲▼ button  
Scans up/down through the channel list. In the menu system, they act like the up/down direction buttons on the remote and adjust menu controls.
2. <|> button  
Increases/decreases the volume. In the menu system, they act like the right/left direction buttons on the remote and adjust menu controls.
3. ⏻/≡ button  
Turns the TV on or standby. The TV is on, press it, brings up the main menu or press to return to the previous menu. Before enter menu, long press it for three seconds to display the Source Select.

**Note:** The location and names of the function buttons and power button on the TV may vary according to TV model.

## Sockets

*Note: The location and names of the sockets on the TV may vary according to TV model, and some sockets may not be available for some models.*

**LAN/RJ45** → **LAN/RJ45**  
RJ45 plug for connecting to external modem or network access equipment.

**OPTICAL OUT** → **OPTICAL OUT socket**  
This output can be used to connect a compatible digital audio receiver.

**AV IN**  $\left[ \begin{array}{c} \text{VIDEO} \\ \text{┌ R} \\ \text{AUDIO} \\ \text{└ L} \end{array} \right]$  → **AV audio + video mini sockets (input)**  
The AV IN sockets can be used to connect a range of equipment, including video recorders, camcorders, decoders, satellite receivers, DVD players, or games consoles. The VIDEO IN socket provides composite video connection.

**ANTENNA/CABLE IN** → **ANTENNA/CABLE IN socket (input)**  
Lets you connect a coaxial cable to receive the signal from your antenna, cable, or cable box.

### HDMI socket (input)

**HDMI** → The HDMI (High-Definition Multimedia Interface) socket can be used to connect a PC with a compatible video card installed, certain DVD players or a high-definition compatible digital satellite decoder. This socket provides an uncompressed digital connection that carries both video and audio data by way of an integrated mini-plug cable.

*Note: Only HDMI sockets with the MHL identification will support the MHL function, MHL stands for Mobile High-definition Link, and allows you to link an MHL-capable mobile device to the television.*

### USB sockets (input)

**USB** → These sockets can be used to connect an USB device.  
*Note: The number of USB sockets on the TV may vary according to TV model.*

**EARPHONE/HEADPHONE** → **EARPHONE/HEADPHONE socket (output)**  
Allow you to connect earphones to listen to the sound coming from the TV.  
*Note: Excessive sound pressure from earphones can cause hearing loss.*

## Remote Control Functions

Most of your television's functions are available on the menu that appear on the screen. The remote control supplied with your set can be used to navigate through the menus and to configure all the general settings.

*Note: The location and names of the buttons on the remote control may vary according to TV model, and not all buttons available on all models.*



- MUTE** To mute and un-mute the sound.
- Standby / Power On.
- 0-9 buttons** To enter channel numbers.
- FAV** To bring up the favorite channel list menu.
- LIST** To display the channel list.
- +**/**-** To control the volume.
- P**/**+/-** To adjust channels.
- Info.** To display program information, if available.
- SMART** To enter SMART function interface.
- HOME** To enter Homepage.
- MENU** Enter into Quick Access Menu.
- OK** To confirm an entry or selection; to access system keyboard when doing input; to display program list under TV source.
- ▲**/**▼** To navigate through the menus; to select menu options; to switch to the previous or next photo, song or video in USB function.
- ◀**/**▶** To navigate through the menus; to set functions and change values. **▶** can also be used to open the corresponding submenu.
- BACK** To go back to the previous menu or interface; to exit a running app.
- SOURCE** To enter source selection interface.
- EXIT** To exit menu, interface and running APP.
- ZOOM** To select the picture format.
- Enter into Using TV System menu.
- SLEEP** To set the TV to turn off after a given amount of time.
- EPG** To toggle the Electronic Program Guide on or off under DTV source.
- Lang/AD** To select audio language available for selected digital TV program.  
To select a sound type available for selected analogue TV program;  
to select an audio language available for selected digital TV program.
- PRE-CH** To return to the previous channel.
- TEXT** To toggle Teletext on or off.
- SUBT.** To select a subtitle language available for selected digital TV program.
- Colored buttons** To select tasks or Teletext pages.
- ◀◀**/**▶▶** To start fast reverse or fast forward.
- ▶** To start playback.
- ||** To pause playback.
- ◀▶** To select the previous or the next photo, music or video.
- To stop playback.
- REC** To record programs under DTV source.
- Goes to the Google App Drawer.
- YouTube** Goes to the YouTube homepage.

**Note :** All pictures in this manual are examples, only for reference, actual product may differ from the pictures. The buttons not mentioned here are not used.



## Remote Control Functions

Most of your television's functions are available via the menus that appear on the screen. The remote control supplied with your set can be used to navigate through the menus and to configure all the general settings.

- POWER**  (On/Off button) Turns the TV on or off.
-  To mute and un-mute the sound.
-  Enter into Using TV System menu.
-  To enter SMART function interface.
-  To enter source selection interface.
-  (up, down, left and right direction buttons) Highlights different items in the menu system and adjusts the menu controls.
- OK** Confirms your selection.
-  Exit the menu and return to the previous menu.
-  Goes to the smart TV homepage.
-  Enter into Quick Access Menu.
-  To Enter into virtual keyboard.
-  Scans up or down through the current channel list.
-  Increases or decreases the TV's volume.
- YouTube**  Goes to the YouTube homepage.
-  Goes to the Google App Drawer.
-  (Mic) Click to interact with Google Assistant of the TV.  
(Available only when the network connection is normal.)



## How to Pair Remote Control with the TV

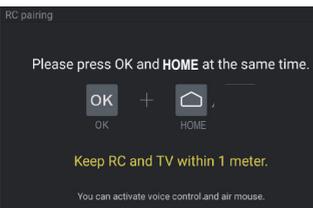
This is a Bluetooth remote control, and before using it, please pair it with the TV firstly. The following steps are for your reference:

- Step 1:** Press  button to enter the home page.
- Step 2:** Press  button to enter the "RC pairing".
- Step 3:** Follow the "Settings tips page", Press **OK** and  together.
- Step 4:** The screen will display "Pairing...", Pair finished the screen will display "Success!".

**NOTE:** If you wait more than 2 minutes and it can't pair, please repeat the above steps for pairing again.

If you want to unpair the Bluetooth remote, As follow:

- Step 1:** Press  button to enter the home page.
- Step 2:** Press  to choose , and then press **OK** to enter.
- Step 3:** Press  to select "Remotes & Accessories" and then to choose the Bluetooth remote name to enter next steps.
- Step 4:** Press unpair and then choose **OK** button.



## Switching on

Follow the instructions on this page on how to switch on your TV set and the remote control before going on to following pages describing how to use the channel set-up procedure.

1. Insert two batteries in the remote control.

Precautions on using batteries:

- Only use the battery types specified.
- Make sure you use the correct polarity.
- Do not mix new and used batteries.
- Do not use rechargeable batteries.
- Do not expose batteries to excessive heat such as sunshine, fire or the like, throw them in a fire, recharge them or try to open them, as this could cause them to leak or explode.
- Remove the batteries from the remote control if you are not using it for a long period of time.

2. Connect the power cable **FIRST** to the television, **THEN** to a mains socket.  
(Note: If the power cable is connected to the television, please only connect the power cable to the mains socket.)

- If your TV is connected to an AC supply  
Your TV set should only be connected to an AC supply. It must not be connected to a DC supply. If the plug is detached from the cable, do not, under any circumstances, connect it to a mains socket, as there is a risk of electric shock.
- If your TV is connected to a DC supply  
Your TV set should only be connected to a DC supply. It must not be connected to a AC supply. If the plug is detached from the cable, do not, under any circumstances, connect it to a mains socket, as there is a risk of electric shock.

3. Connect an outside aerial to the **ANTENNA IN** socket at the back of the TV set.

4. When powered on, the TV will be turned on directly or be in standby.  
Note: For some models, switch the TV on by pressing the power button.

If the power indicator lights up, the TV set is in standby mode. Press the  button on the remote control or on the TV set to turn on the TV.

## Switching off

- To put the TV set into standby mode, press the  button on the remote control or on the TV, the TV set remains powered up, but with low energy consumption.
- To switch off the TV set, unplug the mains socket from the mains outlet.  
Note: For some models, press the power button to switch off the TV set .

## Network Connection

To access the internet, you must subscribe high speed broadband internet service from your internet service provider.

Your TV can be connected to your home network in two ways:

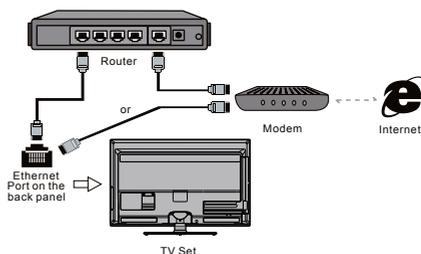
- Wired, using the RJ45 (LAN) connector on the back panel.
- Wireless, using the internal wireless or external wireless USB adapter and your home wireless network.

**Note:** This function is not available for certain models. Instructions below are just the usual ways to connect your TV to the wired or wireless network. The connection method may be different depending on your actual network configuration. If you have any questions about your home network, please refer to your ISP (Internet Service Provider).

### Connecting to a wired network

To connect to a wired network:

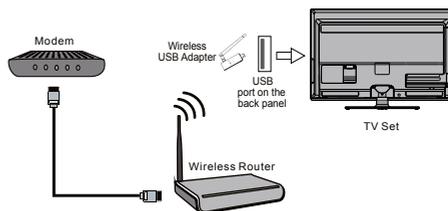
1. Ensure you have:
  - An ethernet cable long enough to reach your TV
  - A router or modem with an available Ethernet port
  - A high-speed internet connection
  - An Ethernet (LAN) port on the back of the TV
2. Connect your ethernet cable to the router and to the Ethernet port on the back of the TV.
3. Use the Network Settings to configure the TV.



### Connecting to a wireless network

To connect to a wireless network

1. Ensure you have:
  - A router broadcasting a high-speed wireless signal
  - A high-speed internet connection
  - A wireless USB Adapter (not need for a built-in wireless connection).
2. The TV set with Wi-Fi Module.
3. Use the Network menu to configure the TV.



Note: Some models may have internal wireless module, then the wireless USB adapter is unnecessary. Some external wireless adapters cannot be compatible with the TV.

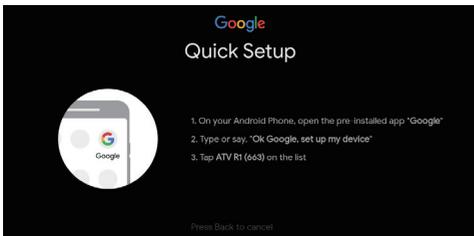
## Google - Initial Setup

When you turn on the TV for the first time, there will show a wizard to guide you to finish the following initial settings:

**Step 1: Select the menu language as you need.**

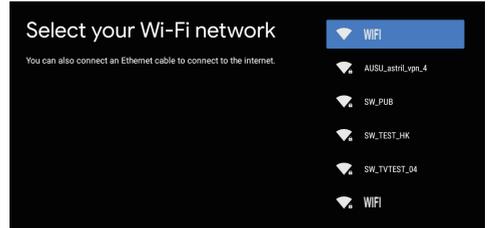


**Step 2: (Only for some countries) Select whether or not to use and Android device to setup the TV.**



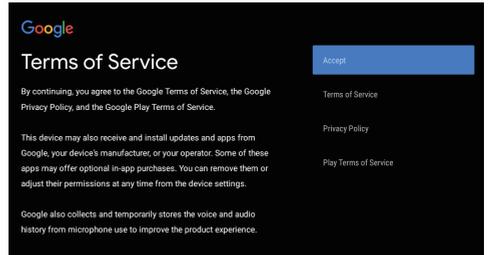
**Note:** If you don't want to use your Android device to setup the TV, you will skip to Step 3. If you want to use your Android device to setup the TV, please turn on the Bluetooth functions of your Android phone, then find and open "Google" application on your phone. Follow the instruction tips to set device.

**Step 3:** Select whether or not to connect your TV set to the WLAN network.

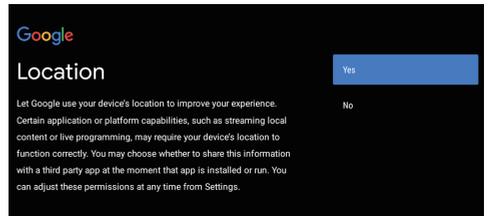


**Note:** If you have connected the TV to the Wi-Fi network, it will check for updates like Google service updates and so on. Then please select whether or not to sign in to your Google account.

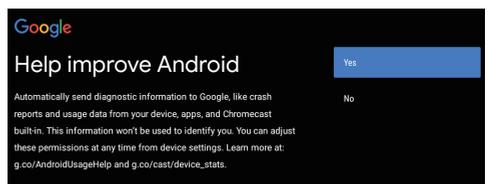
**Step 4:** Read to accept the Google terms of service and privacy policy.



**Step 5:** Select whether or not to let Google or third party to use your TV location.



**Step 6:** Select whether or not to allow Google to help improve your Android TV.



## TV - Initial Setup

Initial setup involves selecting all the settings required to be able to search for and store all the analogue channels you can receive.

Make sure that the television is switched on and follow all the steps in turn specified hereafter.

**Note: If the channel search retrieved only few channels it could be caused by poor broadcasting and therefore is not covered by manufacturer warranty. Manufacturers cannot be held responsible for lack of or poor broadcasting in some areas.**

The first time you switch the set on, the Initial Setup wizard opens, which guides you through the initial setup process.

### Step 1: Environment

Press ▲/▼ to select your environment. Then press OK to enter next step.

**Home Mode:** You Would be able to view the standard settings for Picture and sound modes.

**Shop Mode:** You can enjoy enhanced setting for Picture and Sound modes.

**Note: Picture menu settings will not be accessible when you select Shop Mode.**

### Step 2: Were are you?

Press ▲/▼ to select your Country/Region. Press OK to confirm and move to next step.

### Step 3: Terms & Conditions

Use ▲/▼ to read Terms & Conditions, then press OK to confirm and move to next step.

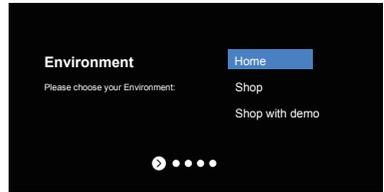
### Step 4: Channel installation

Use ▲/▼ to select Tunner mode: Antenna, Cable or Satellite; Type: Digital, Analogue and All, then press OK to confirm and move to next step.

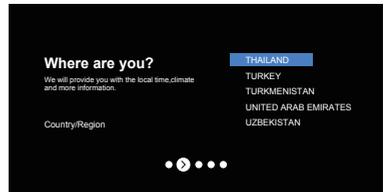
### Step 5: Please check settings

When all setup is done, the [Please check settings] interface displays on the screen, and press OK to finish the initial setup. You can also go back to former step and make any changes by using ←-button.

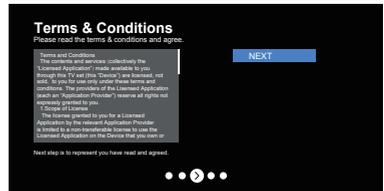
#### Step 1:



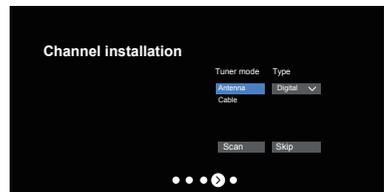
#### Step 2:



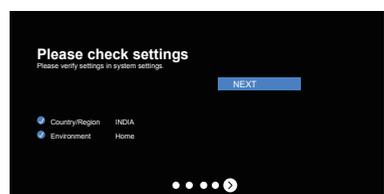
#### Step 3:



#### Step 4:



#### Step 5:



## Homepage Operation

**Note:** This manual is for common use. Figures and illustrations in this User Manual are provided for reference only and may differ from actual product appearance. And for some models, certain options are not available.

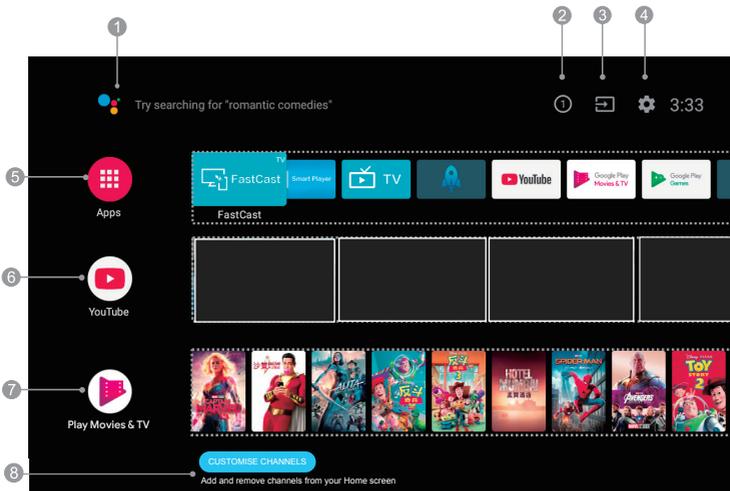
You can select all the features from homepage.

Press  to display homepage.

Press /// to select icons from the screen list.

Press **OK** to enter each option.

To exit the menu, press .



**Note:** The picture is only for reference

1. **Google Assistant:** Click to interact with Google Assistant of the TV.
2. **Notifications:** Remind you of system-critical information, such as low disk space, Google sign in or account errors, network connectivity issues, etc.
3. **Input:** Select the input source.
4. **Settings:** Access the system setting.
5. **Apps:** Show the list of favorite applications, or access the application center.
6. **Youtube:** Browse this application to watch a wide variety of online videos.
7. **Featured:** Show the list of featured contents from Google Play Movies & TV.
8. **CUSTOMISE CHANNELS:** Add and remove channels from your Home screen.

**Note:**

- 1) The functions and contents of “Home Page” may vary by different countries or models.
- 2) Before using network functions in home page like network applications and so on, please connect the TV to the network firstly.
- 3) Icon copyrights are owned by the application providers.

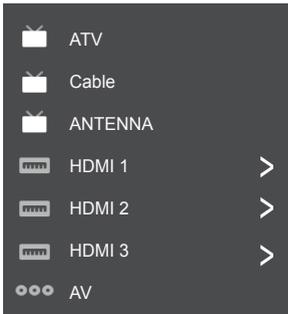
## Accessing channels

Using the **numeric** buttons: press the corresponding numeric buttons on the remote control to access the channels.

Using the **CH**  $\downarrow/\uparrow$  buttons: press the **CH**  $\downarrow/\uparrow$  buttons on the remote control or the corresponding buttons on the TV set to scroll through the channels.

## Watching connected devices

Press **SOURCE** then press  $\blacktriangle/\blacktriangledown$  to select your desired source, and then press **OK** to confirm.



*Note: The available source might differ depending on the model.*

## Volume

**Volume control:** press the **VOL +/-** buttons on the remote control or the corresponding buttons on the TV set to increase or decrease the volume.

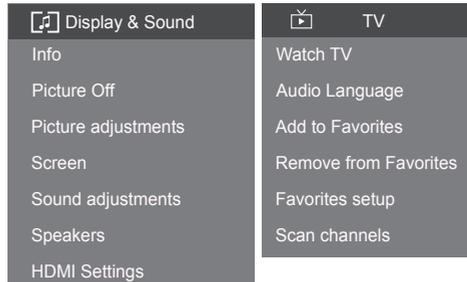
**Sound mute:** press the  $\times$  button to temporarily mute the sound. Press this button again or the **vol +** button to restore the sound.

## Using Quick Access Menu

*Note: Some of the functions might be unavailable in certain sources. And for some models, certain options are not available.*

This section explores the menus and settings of your TV. Each menu is outlined and detailed to help you get the most from your TV. To access the menu system:

1. In TV mode, press  $\equiv$  on the remote control to display the quick access list.
2. Press  $\blacktriangle/\blacktriangledown$  to select the desired item, then press **OK** to open the corresponding submenu.
3. In submenu, use  $\blacktriangle/\blacktriangledown$  and **OK** buttons to make the adjustments, or use  $\blacktriangle/\blacktriangledown$  to select an item, use **OK** to enter and operate according to the on-screen display or guide.
4. Press  $\blacktriangleleft$  to return to the previous menu.



## Display & Sound

**Info:** Select this option to view TV information.

**Picture Off:** Select this option to enter into Audio Only mode.

**Picture adjustments:** Enter to adjust picture mode or Advanced settings.

**Screen:** Select this option to adjust the picture size.

**Sound adjustments:** Select this option to set the sound adjustments.

**Speakers:** To enter TV speaker settings.

**HDMI Settings:** Enter to set up HDMI devices for streamlined control.

## TV

**Watch TV:** Open with Live TV or Live Channels.

**Audio Language:** To choose Audio Language.

**Add to Favorites:** To add Favorite program.

**Remove from Favorites:** To remove Favorite program.

**Favorites setup:** Open to set Favorite program information.

**Scan channels:** To setup Analogue or Digital channels.

## Using TV Settings

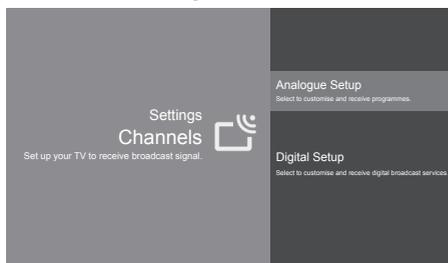
The Settings menu allows you to configure the TV with your preferences.

**Note: Some of the functions might be unavailable in certain sources. And for some models, certain options are not available.**

This section explores the menus and settings of your TV. Each menu is outlined and detailed to help you get the most from your TV. To access the menu system:

1. In TV mode, press **⊗** on the remote control to display the quick access list.
2. Press **▲/▼** to select the desired item, then press **OK/▶** to open the corresponding submenu.
3. In submenu, use **▲/▼** and **OK** buttons to make the adjustments, or use **▲/▼** to select an item, use **OK** to enter and operate according to the on-screen display or guide.
4. Press **←** to return to the previous menu.

## Channels Setup



### Analogue Setup

- Analogue Auto Tuning: Press OK to start the automatic search process. The search may take a few minutes.

During the process, you can press OK to abort.

- Analogue Manual Tuning: Press OK to enter the interface. Press **◀/▶** to select your system, the press **▲/▼** select Frequency and press OK to search, fine tune or store the channel.

- Program Sorting: To sort the program.

- Program Labels: To set the program labels.

### Digital Setup

- Digital Antenna Tuning: Press OK to start the automatic search process. The search may take a few minutes.

During the process, you can press **←** and choose YES to exit.

- Subtitle Setup:

(1) *Subtitle Setting*: Include Off, On and For Hard of Hearing.

(2) *Primary Preferred Language*:

Press OK and then use **▲/▼** to select Primary Preferred Language.

(3) *Second Preferred Language*:

Press OK and then use **▲/▼** to select Second Preferred Language.

- Audio Setup

(1) *Audio Description*: Include Off and On.

(2) *Audio Description Mixing Level*:

Press OK and then use **◀/▶** to set *Audio Description Mixing Level*.

(3) *Audio Type*: Include Normal and For Hard Of Hearing.

(4) *Primary Preferred Language*:

Press OK and then use **▲/▼** to select Primary Preferred Language.

(5) *Second Preferred Language*:

Press OK and then use **▲/▼** to select Second Preferred Language.

- Guide Set-up: *Update Guide in standby*: Include Off and On.

- Technical Set-up:

(1) *Auto Service Update*: Include Off and On.

(2) *Service Replacement*: Include Off and On.

(3) *Programme list Transfer*: To transfer Programme list.

- CA Module Set-up: To set up CI card function.

- CA Module PIN: To set up CI PIN code.

- Delete Service List: To delete CI service.

**Note:** CA Module Set-up, CA Module PIN and Delete Service List are not available for certain model.

## External Input



**CEC Control**: Go to CEC device list to register new devices.

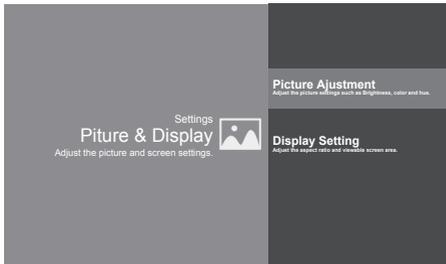
**Device AUTO POWER Off**: Power off HDMI devices with the TV.

**TV Auto Power On**: Power on the TV with a connected HDMI device.

**CEC Device List**: Turn devices on and select [Enable] to enable control of HDMI devices.

**Device Control Keys**: Pass through addition remote buttons to cec compatible devices.

## Picture & Display



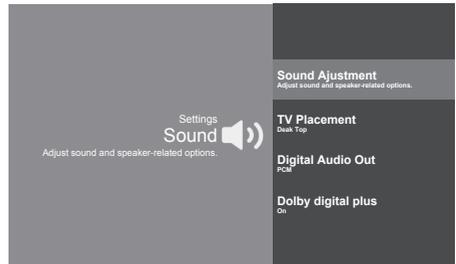
### Picture Adjustment:

- Picture Mode: Optimize picture quality for general content. Use ▲/▼ to scroll through the Picture preset settings: Standard, Dynamic, Movie, Sport and Personal.
- Advanced Settings: Access advanced picture enhancing options.
- Brightness: Adjusts the brightness of the picture.
- Color: Adjusts the color saturation.
- Clarity: Advanced technique for picture enhancement.
- Reset: To reset picture adjustment.

### Display Setting:

- Screen mode: Adjust the picture size. Use ▲/▼ to scroll through the sound preset settings: Wide, Normal, Full and Zoom.
- Auto screen: Automatically adjusts screen mode based on the signal. Include On and Off.

## Sound



### Sound Adjustment: Adjust sound and speaker-related options.

- Sound Mode: Optimize sound quality for general content. Use ▲/▼ to scroll through the sound preset settings: Sports, Standard, Cinema, Music and News.
- Surround: Reproduces life-like surround sound when playing 5.1-channel audio sources. Include On and Off.
- Advanced Setting: Access advanced sound enhancing options.

### Volume Setting:

- 1) Auto Volume: Keeps the volume level constant for all programs and inputs. Include On and Off.
- 2) Balance: Adjust the speaker balance.
- 3) Digital Audio Out Volume: Applied for PCM only. The volume levels between PCM and compressed audio will differ.
- 4) Digital Audio Out Delay: Set the delay time for Digital Audio.
- 5) Volume offset: Adjust the sound level of the current input relative to other inputs.

### Sound mode related:

- 1) Surround effect: Use ◀/▶ to scroll through Surround effect.
  - 2) Equalizer: Use ◀/▶ ▲/▼ to scroll through Equalizer.
- Reset:** To reset all Sound adjustment settings.

**TV Placement:** Select how TV SET placed. Include Desk Top and Wall Mount.

**Digital Audio Out:** Optical out for audio signals from the Digital Audio Out.

**Dolby Digital Plus:** Include On and Off.

## Smart Zone



**Enjoy Music:**Select this option to enter into Audio Only mode.

**Fast Cast:**An app that quickly delivers mobile content to TV,allowing users to quickly deliver multimedia content such as photos,videos,music and more to TV terminals.

Fast Cast Step:

- 1.Download Fast Cast mobile App.
- 2.Mobile and TV are connect the Same Wi-Fi.
- 3.Search device and connect TV.

**Note:**

1. *This function may be unavailable for some mobile devices, and it subject to chipset support the files format.*

2. *Recommendations of working environments:*

A: *Local Area Network Speed recommendations on: 1M/S~2M/S.*

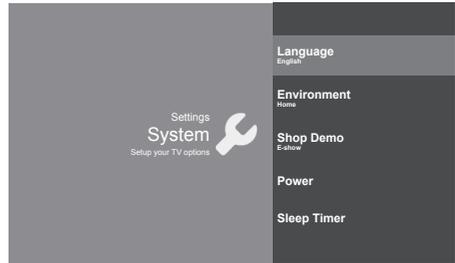
B: *Files required:MP4、 AVI、 TS、 FLV、 f4v、 m3u8 (subject to chipset supported).*

**Sleep Timer:**The options include:Off,10Min,20Min,30Min,60Min,90Min,120Min,and 180Min.

**World clock:** Enter to add World clock.

**Night mode:**Turn on to Keep loudness and brightness to prevent disturb others.Clear sound and brightness at a low level.

## System



**Language:**Use ▲/▼ to scroll through **Language**.

**Environment:** Enter to set Home or shop mode.

-Home Mode: You Would be able to view the standard settings for Picture and Sound Modes.

-Shop Mode:You can enjoy enhanced setting for Picture and Sound Modes.

*Note: Picture menu settings will not be accessible when you select Shop Mode.*

**Shop Demo:**Enter to set E-show.

*Note:E-show is not availbale for certain model.*

**Power:**Enter to set Power mode.

- Wake on Wifi:Enable wake on WIFI Settings.

- Network stand by:Enable STR Settings.

**Sleep Timer:**Set the TV to turn off automatically.

## Attention and Frequently Asked Questions

### Attention:

Some non-standard mobile storage device may not be recognized. Please change to use the standard device.

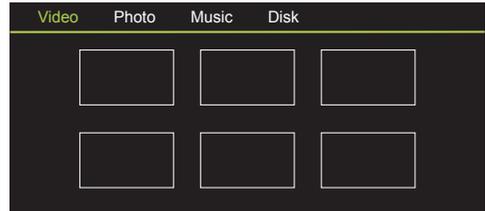
*Note: For coding files, there are many kinds non-standard coding method, so this system can not be guaranteed to support the file formats using any coding method.*

### Frequently Asked Questions:

- Under the following conditions, this system cannot decode the file and the file cannot be play normally:
  - The parameters of file, such as the pixel of picture, code rate of audio and video file, sampling rate of audio file, exceed the limit of the system;
  - The format of file is not matched or the file is harmed.
- Hot plug: Do not disconnection when the system is reading or transmitting data, avoid damaging the system or the device.
- Pay attention to the power supply of the device when you are using a mobile hard disk or a digital camera. If the power supply is not sufficient or not stable, you may encounter problems during operating or can not operate at all. In this case, please restart the device, or unplug the device and plug it again, and ensure that its power supply is normal.
- The system supports standard USB1.1 and USB2.0 devices, such as standard U-disks, MP3 players, mobile hard disks, etc..
- For obtaining better audio and video quality, suggests to use the external device which accords with USB2.0 standard.
- When playing the video with high compression ratio, these phenomenons, such as picture standstill and menu long time response, are normal.
- For some USB device with power supply, such as large size hard disk, MP4, etc., suggests using it with power to avoid electric power shortage.

## Multimedia

Connect a USB device to a USB socket, the screen will show USB file name and then press OK to enter .If no USB device connected, the USB interface will be not displayed.



### Video:

- Select Video icon, then press OK button to view movie file.
- Press Up, Down, Left or Right direction button to select your desired file and press OK to Play.
- While playing a Video, press OK Menu of remote to display the play console. For the Play console, Press Ok key of remote to Play and Pause the video file.Left key of remote to Fast backward.Right key of remote to Fast forward.
- Use  key to see more option:Photo,Scale,Looping mode,Subtitle,Audio track.
- Press Return key of remote to Stop playing and Press Return to Exit.

### Photo:

- Select Picture icon, then press OK button to view the picture.
- Press Up, Down, Left or Right direction button to select your desired picture file and press OK to show.
- While showing picture, press OK to display the play console. For Previous and Next use remote left and Right key.
- Use OK key to see more option: Leftrolation,rightrolation, Manual play, Information, Play mode,BGM:on or off.

### Music:

- Select Music icon, then press OK button to listen to Music.
- Press Up, Down, Left or Right direction button to select your desired file and press OK to Play.
- The Play console includes Previous, Play/Pause,Fast backward/Fast forward,Next. Press  key to see PlayList.
- Press Return key of remote to Stop playing.

### Disk:

- Select **Disk** icon, then press OK button to choose folder.
- Press Up, Down, Left or Right direction button to select your desired file and press OK to Play.
- Press Return key of remote to Stop playing.

### Troubleshooting

Most problems you encounter with your TV can be corrected by consulting the following troubleshooting list.

#### No picture, no sound

1. Check if the fuse or circuit breaker is working.
2. Plug another electrical device into the outlet to make sure it is working or turned on.
3. Power plug is in a bad contact with the outlet.
4. Check the signal source.

#### No color

1. Change the color system.
2. Adjust the saturation.
3. Try another channel. Black-white program may be received.

#### Remote control does not work

1. Change the batteries.
2. Batteries are not installed correctly.
3. Main power is not connected.

#### No picture, normal sound

1. Adjust the brightness and contrast.
2. Broadcasting failure may happen.

#### Normal picture, no sound

1. Press the **Vol+** button to increase volume.
2. Volume is set to mute, press the mute button to restore sound.
3. Change the sound system.
4. Broadcasting failure may happen.

#### Unorderly ripples on the picture

It is usually caused by local interference, such as cars, daylight lamps and hair driers. Adjust the antenna to minimize the interference.

#### Snowy dots and interference

If the antenna is located in the fringe area of a television signal where the signal is weak, the picture may be marred by dots. When the signal is extremely weak, it may be necessary to install a special antenna to improve the reception.

1. Adjust the position and orientation of the indoor/outdoor antenna.
2. Check the connection of antenna.
3. Fine tune the channel.
4. Try another channel. Broadcasting failure may happen.

#### Ignition

Black spots or horizontal streaks appear, or the picture flutters or drifts. This is usually caused by interference from car ignition system, neon lamps, electric drills, or other electrical appliance.

#### Ghost

Ghosts are caused by the television signal following two paths. One is the direct path, the other is reflected from tall buildings, hills, or other objects. Changing the direction or position of the antenna may improve the reception.

#### Radio frequency interference

This interference produces moving ripples or diagonal streaks, and in some case, loss of contrast in the picture. Find out and remove the radio interference source.

#### If the TV is crashed

1. Press the **Power** button to turn off TV, then press the **Power** button again to reset TV.
2. Unplug the power cord, then press the **Power** button to reset TV.

*Note: If these 2 methods can not be resolved, please contact the after-sales to solve.*

### Base Installation

To fix the double support base on the unit by screws, the installation is completed.

*Note: Illustrations below are provided for reference only and may differ from actual product appearance.*

