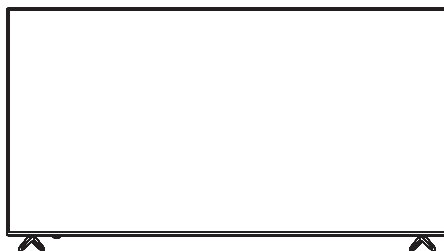


# SHARP

**4T-C50FJ1X; 4T-C55FJ1X  
4T-C65FJ1X; 4T-C75FJ1X  
LED BACKLIGHT TV**



**HDMI™ LED DVB-T2**

Dear SHARP customer

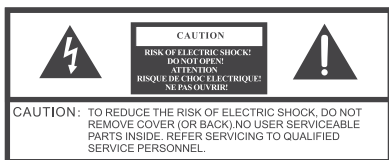
Thank you for your purchase of the SHARP LCD colour TV product. To ensure safety and many years of trouble-free operation of your product, please read the Important safety precautions carefully before using this product.

---

## Contents

Safety and warnings.....	1-5
Introduction.....	6
Installation.....	7-10
Wall Mount.....	11
General Description.....	12-14
External Connection.....	15-17
Menu Operations.....	18-26
Trouble Shooting.....	32-33

## SAFETY AND WARNINGS



The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated "hazardous voltage" within the product's enclosure, which may be of sufficient magnitude to induce a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

**WARNING:** TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.  
TO PREVENT THE SPREAD OF FIRE, KEEP CANDLES OR OPEN FLAMES AWAY FROM THIS PRODUCT AT ALL TIMES.

**CAUTION:** TO PREVENT ELECTRIC SHOCK, DO NOT USE THIS POLARIZED PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.

**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.

**CAUTION:** Changes or modifications not expressly approved by the party responsible for compliance with the FCC Rules could void the user's authority to operate this equipment.

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 UNDESIRE OPERATION.

### Cables:

Connections to this device must be made with shielded cables with metallic RF/EMI connector hoods to maintain compliance with FCC Rules and Regulations.

### Restrictions in the 5 GHz band:

The device for operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems.

### Important Note:

In the spaces below, enter the model and serial number of your television (located at the rear of the television cabinet). Staple your sales receipt or invoice to the inside cover of this guide. Keep this user's guide in a convenient place for future reference. Keep the carton and original packaging for future use.

### Location of the required marking

The rating sheet and the safety caution are on the rear of the unit.

### BATTERY PRECAUTIONS:

- Batteries should not be exposed to excessive heat such as sunshine, fire or the like.
- The remote control unit uses infrared beams to transmit signals, so sunlight or fluorescent light on the remote sensor may shorten operating distance.
- Incorrect use of batteries may cause them to leak or burst. Read the battery warnings and use the batteries properly.
- Do not mix old and new batteries.
- Do not mix alkaline, standard (carbon-zinc), or rechargeable, (Ni-Cd, Ni-MH, etc.) batteries. Remove batteries if the remote control will not be operated for an extended period of time.

Serial number: \_\_\_\_\_

Model number: \_\_\_\_\_

## Important Safety Instructions

- 1) Read these instructions.
- 2) Keep these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not use this apparatus near water.
- 6) Clean only with dry cloth.
- 7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11) Only use attachments/accessories specified by the manufacturer.
- 12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.



- 13) Unplug this apparatus during lightning storms or when unused for long periods of time.
- 14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- 15) The wall plug is the disconnecting device. The plug must remain readily operable.
- 16) Remote control batteries should not be exposed to excessive heat such as sunshine, fire, or the like. Dispose of used battery promptly and correctly, according to local environmental laws and guidelines in force.

**CAUTION:** Risk of fire or explosion if the battery is replaced by an incorrect type.

- 17) The apparatus should not be exposed to dripping or splashing, and no objects filled with liquids, such as vases, should be placed on the apparatus.
- 18) No naked flame sources, such as lighted candles, should be placed on the apparatus.
- 19) Your TV has four VESA mounting holes on the back. If you attach a wall-mount bracket or TV stand to the back of your TV, the bracket or stand must be securely attached using all four holes. If you do not use all four mounting holes, your TV may fall and cause property damage or personal injury. See the documentation that came with your wall mount or TV stand for complete mounting instructions.

### **WARNING:**

The excessive sound pressure from earphones and headphones can cause hearing loss.

### **CAUTION:**

Double pole, neutral fusing.  
Disconnect mains before servicing.



This symbol indicates that this product incorporates double insulation between hazardous mains voltage and user accessible parts. When servicing use only identical replacement parts.

## Important Safety Instructions

### WARNING

#### 1) Stability Hazard

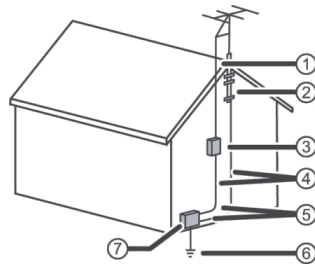
The television set may fall, causing serious personal injury or death.

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 the manufacturer of the television set.
- Only using furniture that can safely support the television set.
- Ensuring the television set is not overhanging the edge of the supporting furniture.
- Not placing the television set on tall furniture (for example, cupboards or bookcases) without anchoring both the furniture and the 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 relocated, the same considerations as above should be applied.

- 2) To reduce the risk of fire or electric shock, do not remove any cover or expose the device to rain or moisture. No user-serviceable parts are inside. Refer servicing to qualified service technicians.
- 3) After completing any service or repair to this device, ask the service technician to perform routine safety checks to determine that your TV is in correct operating condition.
- 4) These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.
- 5) When replacement parts are required, make sure that the service technician uses replacement parts specified by the manufacturer that have the same characteristics as the original part. Unauthorized substitutions may result in re, electric shock, personal injury, or other hazards.
- 6) If an outside antenna or cable system is connected to your TV, make sure that the antenna or cable system is grounded to provide some protection against voltage surges and built-up static charges. Article 810 of the National Electrical Code, ANSI/NFPA No. 70, provides information with respect to correct grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of the antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.



- ① Antenna lead-in wire
- ② Grounding clamp
- ③ Antenna discharge unit
- ④ Grounding conductors
- ⑤ Ground clamps Power service
- ⑥ grounding electrode system
- ⑦ Electric service equipment

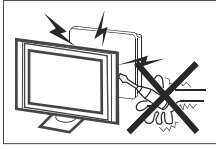
Note to CATV system installer  
Article 820 of the National Electrical Code, ANSI/NFPA No. 40 provides guidance for correct grounding. Specifically, it states that the cable ground must be connected to the grounding system of the building as close to the point of cable entry as practical.

- 7) For added protection for your device receiver during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the power outlet and disconnect any antenna or cable system. This helps prevent property damage and personal injury from lightning and power line surges.
- 8) An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, take extreme care to keep from touching such power lines or circuits as contact with them might be fatal.
- 9) Your TV's screen is made of glass. Do not drop your TV or hit, jolt, or press hard against the LCD panel. If the screen breaks, be careful of broken glass.  
If the LCD panel is broken, make absolutely sure that you do not touch the liquid in the panel. This may cause skin inflammation.  
If the liquid gets in your mouth, immediately gargle, rinse, and consult with your doctor. Also, if the liquid gets in your eyes or touches your skin, consult with your doctor after rinsing for at least 15 minutes or longer in clean water.

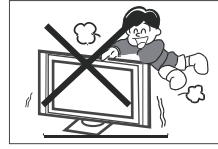
## Important Safety Instructions

- 10) Unplug this TV from the power outlet and refer servicing to qualified service personnel under the following conditions:
  - When the power supply cord or plug is damaged or frayed.
  - If liquid has been spilled or objects have fallen into your TV.
  - If your TV has been exposed to rain or water.
  - If your TV does not operate normally by following the operating instructions. Adjust only those controls covered by the operating instructions because incorrect adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore your TV to its normal operation.
  - If your TV has been dropped or damaged in any way.
  - When your TV exhibits a distinct change in performance.
- 11) Operate your TV only from the type of power source indicated on the marking label. If you are not sure of the type of power supplied to your home, consult an electrician or your local power company.
- 12) Moisture will form on the TV if the TV is brought from cool surroundings into a warm room or if the temperature of the room rises suddenly. When this happens, the TV's performance may be impaired. To prevent this, let the TV stand in its new surroundings for about an hour before switching it on, or make sure that the room temperature rises gradually. Condensation may also form during the summer if the TV is exposed to the breeze from an air conditioner. In such cases, change the location of the TV.
- 13) Your TV may contain materials that are regulated for environmental reasons. Your TV also contains materials that can be recycled and reused. To help protect the environment, contact your local authorities for information about disposal or recycling and about finding a recycler in your area before you dispose of your TV.
- 14) To avoid interference with your TV picture and sound, operating problems, or even damage, keep your cordless and cellular telephones away from the TV.
- 15) The LCD panel contains almost 3 million thin film transistors, which provide exceptionally sharp video quality. Occasionally, a few non-active pixels may appear on the screen as a fixed blue, green, or red point. These non-active pixels do not adversely affect the performance of your TV, and are not considered defects.

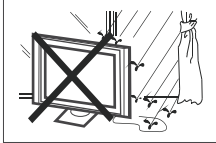
## Important Safety Instructions



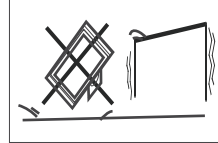
High voltages are used in the operation of this television receiver. Do not remove the cabinet back from your set. Refer servicing to qualified service personnel.



Never stand on, lean on, or suddenly push the television or its stand. You should pay special attention to children. Serious injury may result if it falls.



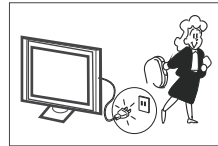
To prevent fire or electrical shock hazard, do not expose the television receiver to rain or moisture.



Do not place your television on an unstable cart, stand, shelf or table. Serious injury to an individual, and damage to the television, may result if it falls. Recommended to utilize rear mount screw holes for anti-tipping (hardware not included).



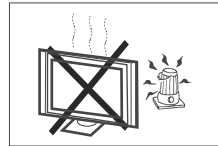
Do not drop or push objects into the television cabinet slots or openings. Never spill any kind of liquid on the television receiver.



When the television receiver is not used for an extended period of time, it is advisable to disconnect the AC power cord from the AC outlet.



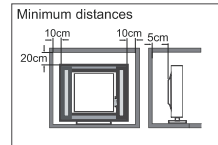
Do not block the ventilation holes in the back cover. Adequate ventilation is essential to prevent failure of electrical components.



Avoid exposing the television receiver to direct sunlight and other sources of heat. Do not stand the television receiver directly on other products which give off heat, e.g. video cassette players and audio amplifiers. Do not place naked flame sources, such as lighted candles on the television.



Do not trap the power supply cord under the television receiver.



If the television is to be built into a compartment or similar enclosure, the minimum distances must be maintained. Heat build-up can reduce the service life of your television, and can also be dangerous.

# INTRODUCTION

## Antenna

### Main features

- Wide screen for a complete home theater experience.
- Super slim LCD TV with LED backlight.
- Integrated DVB-T2 TV tuner for HDTV broadcast reception.
- HDMI inputs for true digital connections.

### Accessories

Infrared Remote Control.....	1
User's Manual.....	1
Battery(AAA) .....	2
Screws.....	4
Base stand.....	2

### Specifications

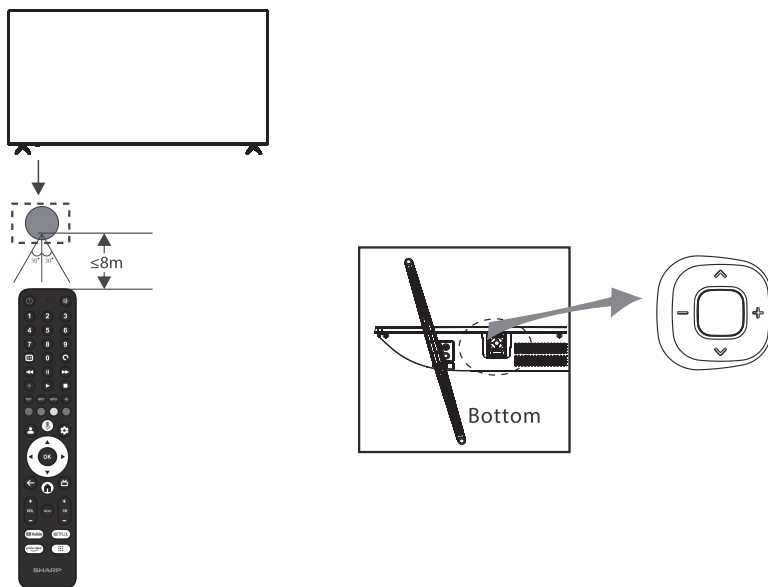
Viewing PictureSize(diagonal)	50" class 50" diagonal	55" class 55" diagonal	65" class 65" diagonal	75" class 75" diagonal
Resolution:	3840 x 2160			
Aspect Ratio:	16:9			
TV System:	DVB-T/T2/C			
Video Signal System:	NTSC, PAL, SECAM			
Power Consumption:	120W	150W	170W	260W
Input Power Voltage:	100-240V~, 50/60Hz			
Audio Output Power(THD≤ 10%):	2x10W			
High-Definition Multimedia Interface (HDMI) Input	x 4			
Composite Input (mini)	x 1			
Headphone Output	x 1			
Optical Output	x 1			
LAN	x 1			
USB 2.0 Input	x 2			



The terms HDMI, HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.

# INSTALLATION

## Front panel



### KEYBOARD

1. When the TV is turned on, press the local key for more than 3S to enter standby.
2. For the third-party application, main scene and USB, only the operations in 1) above are detected, and the following 3 operations are not executed;
3. Press the local key for less than 3S to enter the local key menu.  
The local key menu includes six options: on / off, program +, program -, volume +, volume -, and program source;  
a) When the local key menu is displayed, the key time is less than 1.5s, and the focus moves backward once in sequence;  
b) When the local key menu is displayed, the long key pressing time is greater than 1.5s, and the function of entering the current focus option is executed.

### REAR Connections



All the terminals are (from left to right): ETHERNET, OPTICAL, USB, HDMI4, HDMI3, HDMI2, Mini AV INPUT, RF.

### SIDE Connections

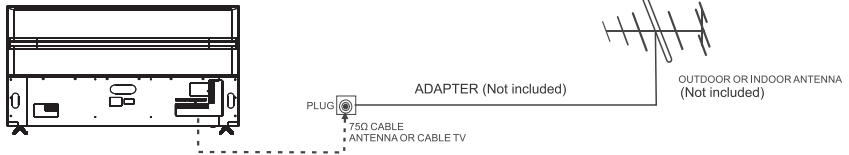


All the terminals are (from left to right):  
USB2.0, HDMI1(eARC/ARC), HEADPHONE.



# INSTALLATION

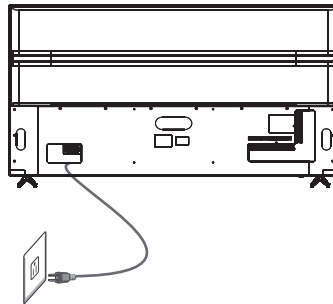
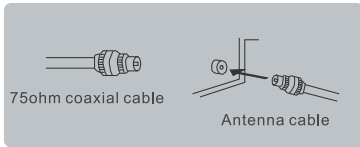
## Antenna



Note:  
Aerial connections: IEC connector.  
Input impedance: 75  $\Omega$  unbalanced.

Antenna input impedance of this unit is 75ohm. VHF/UHF 75ohm coaxial cable can be connected to the antenna jack directly.

### Antennas with 75 $\Omega$ Round Leads



### Power connection

Please note: After unpacking, allow the TV to reach ambient room temperature before connection the TV to the mains power socket.  
Connect the power cord plug to the mains power socket.

### CABLE

When shipped from the factory, the Signal Type option is for the RF connector (F-type) set to the "AIR" (Over-the air antenna) mode.

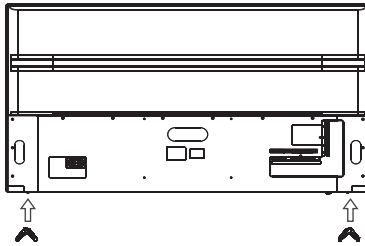
# INSTALLATION

## Base Stand Assembly Instruction

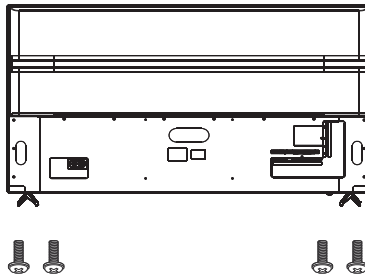
### The base stand

Prepare to place the TV with the display side down on a flat surface. Due to the size and weight of this TV, the use of 2 people is recommended when moving it. Ensure the table or desk you use provides a flat, totally clean surface, and use a soft cloth between the face of the TV and the table to protect the TV's screen.

1. Locate the 2PCS of the base stand and insert it into the gap in the bottom of the TV , and check that it is securely held in place as below.



2. Lock 4 screws in the designated location as below and check each screw is firmly tightened.



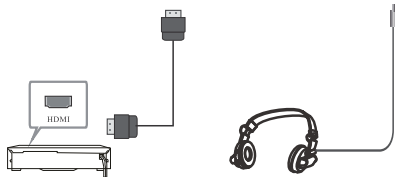
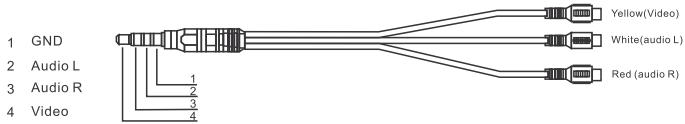
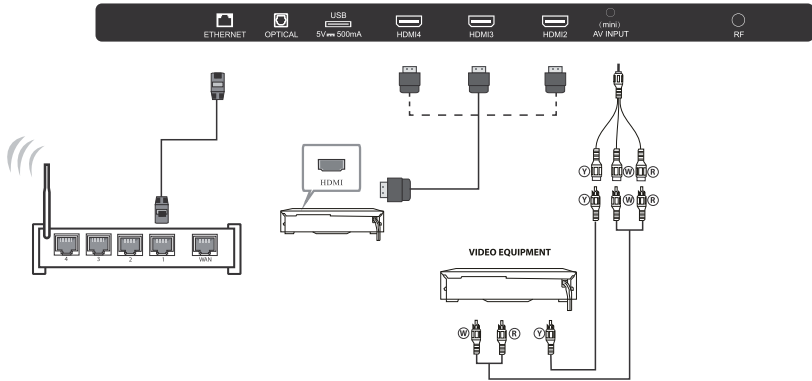
50"/55"/65"(M4x14PM)x4

75"(M6x18PM)x4

# INSTALLATION

## AV Equipment

You can use the rear input terminals as follows.



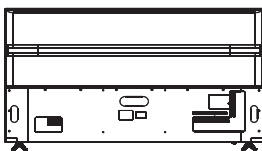
Note: It does not support headset with microphone, please plug in headphones only.

Video Equipments: VCR, Multi Disc Player, DVD Player, Camcorder, Video Game, etc.

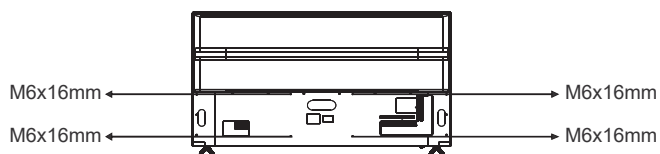
# Wall Mount

## Instruction for Wall Mount

1. Place the LED LCD Television onto a solid surface. Please place some soft material over the front of the screen to protect it from any damage.



2. Use the four screws provided to fix the TV onto a wall mounting bracket (not included) via the four VESA standard holes on the back of the television.



50"(M6x12mm)x4  
55"/65"/75"(M6x16mm)x4

## General Description

### Installing Batteries in the Remote Control

#### Installing Batteries

- 1** Open the battery compartment cover on the back side.



- 2** Insert two 1.5V AAA size batteries in correct polarity. Don't mix old or used batteries with new ones.



- 3** Closed the cover.



✦ Point the remote towards the remote control sensor of the TV and use it within 8 meters.

✦ Put the used batteries into the recycling bin since they can negatively affect the environment.

#### Note:

- One loading of batteries will last for 1 year under normal use.
- If you do not intend to use the remote controller for a long period of time, remove them to avoid damage due to leakage.
- Do not use old and new batteries together.
- The batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the like.

## General Description

### Overview of remote control



#### Loading batteries:

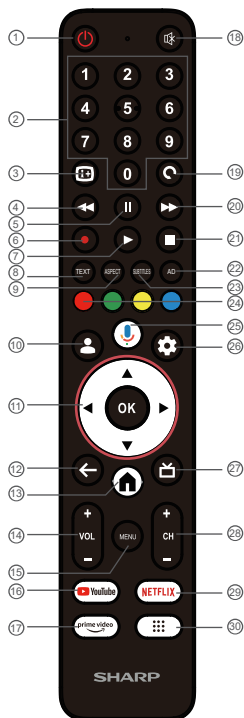
- 1) Remove the lid of the battery compartment.
- 2) Insert 2 size AAA batteries with polarities as indicated inside the compartment.
- 3) Replace the lid.

#### Note:

- 1) A loading of batteries should be last one year under normal use.
- 2) If you don't intend to use the remote control for a long period of time, remove batteries to avoid damage due to leakage.
- 3) Do not mix old and new batteries or different types.
- 4) Do not throw batteries into fire or water.
- 5) The batteries (battery pack or batteries installed) should not be exposed to excessive heat such as sunshine, fire or the like.

# General Description

## Overview of remote control



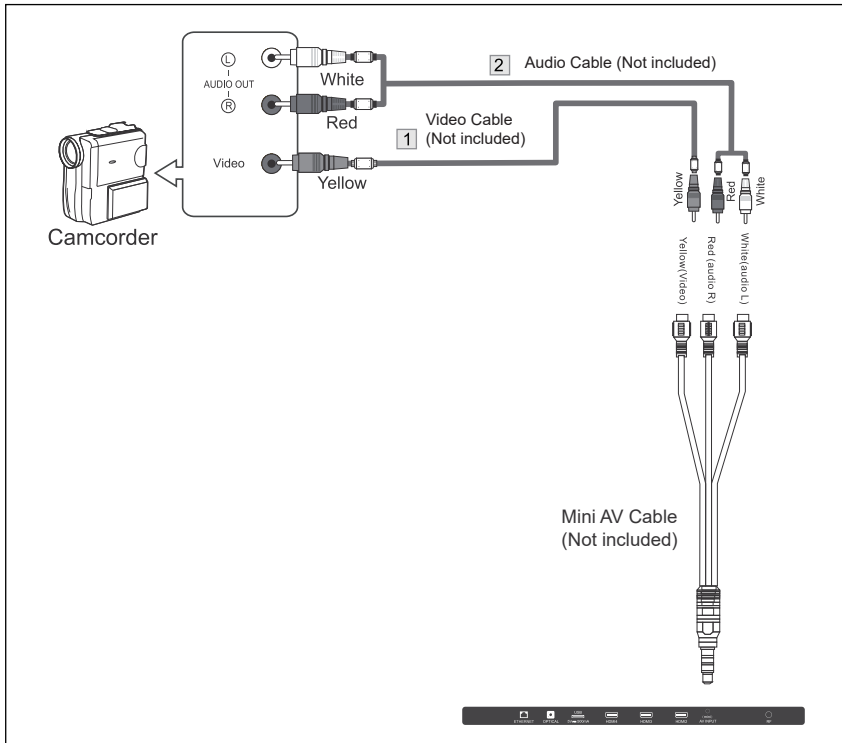
- 1. POWER:** To set the TV to Standby or Power On modes.
- 2. NUMERIC KEY:** For direct access to channels.
- 3. [TV]:** Press to display the channel information.
- 4. ◀◀ (Reverse):** Reverse playback rapidly.
- 5. || (Pause):** Pause playback.
- 6. ● (PVR):** Record video.
- 7. ▶ (Play):** Start playback.
- 8. TEXT:** Press to select the teletext mode.
- 9. ASPECT:** Press to change the picture aspect ratio.
- 10. 👤:** Choose or add an account.
- 11. OK:** Confirms selection.  
▲▼◀▶: Press to navigate the on-screen menu.
- 12. Back:** Return to the previous menu.
- 13. 🏠:** Press to open the Home page.
- 14. Vol +/-:** To adjust sound level.
- 15. MENU:** Press to open or close the on-screen menu.
- 16. YOUTUBE Button:** Press to access YouTube (internet connection required).
- 17. PRIME VIDEO Button:** Connects to Prime Video for Viewing online TV shows and films (internet connection required).
- 18. MUTE Button:** Press to mute or un-mute the volume.
- 19. 🔄:** Jumps to last viewed channel.
- 20. ▶▶ (Forward):** Advance playback rapidly.
- 21. ■ (Stop):** Press to stop multimedia playback.
- 22. AD Button:** Open or close audio description.
- 23. SUBTITLES:** To turn on subtitles in DTV mode.
- 24. Coloured buttons:** Implement the relevant operations according to the prompt at the bottom of the menu in the text.
- 25. 🗣️:** Start a voice search or speak to Google Assistant.
- 26. ⚙️:** Press to open the setting option.
- 27. 📺:** Select electronic program guide, in DTV mode, it will display all the information of program in a week when pressing this button.
- 28. CH+/CH-:** To access the next or previous channels.
- 29. NETFLIX Button:** Connects to Netflix for viewing online TV shows and films (internet connection required).
- 30. ☰:** open all app list.

## External Connection

### Connecting a Camcorder

The rear panel jacks on your TV make it easy to connect a camcorder to your TV. They allow you to view the camcorder tapes without using a VCR.

Each Camcorder has a different back panel configuration. When connecting a Camcorder or DVD, match the color of the connection terminal to the cable.



1) Connect a Mini AV Cable to the mini jack terminal on this TV.

Next

2) Connect AV VIDEO cable and Audio cables from the camcorder to each of the "AV INPUT" and "AUDIO L and R" of this Mini AV Cable.

#### Notes:

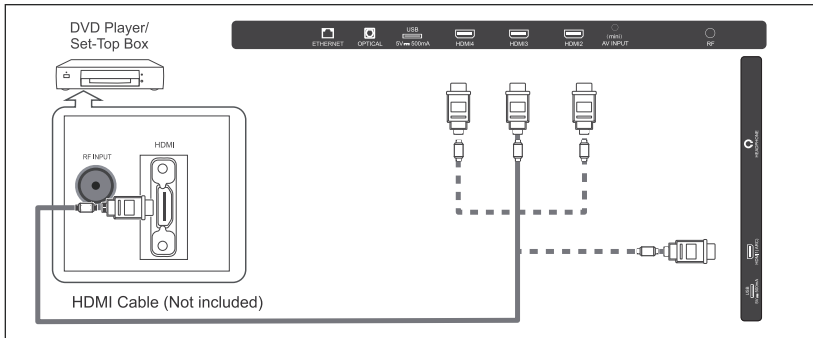
1. Whenever you connect an external device to your TV, make sure that power on the unit is turned off.
2. When connecting an external device, match the color of the connection terminal to the cable.



## External Connection

### Connecting DVD Player / Set-Top Box

This connection can only be made if there is a HDMI Output connector on the external device.



#### What is HDMI?

HDMI, or high-definition multimedia interface, is a next-generation interface that enables the transmission of digital audio and video signals using a single cable without compression. Multimedia interface is a more accurate name for it especially because it allows multiple channels of digital audio (5.1 channels).

The difference between HDMI and DVI is that the HDMI device is smaller in size, has the HDCP (High Bandwidth Digital Copy Protection) coding feature installed, and supports multi-channel digital audio.

Each DVD player/STB has a different back panel configuration.

Connect an HDMI Cable between the HDMI1, HDMI2, HDMI3, HDMI4 connector on the TV and the HDMI connector on the DVD player/Set-Top Box.

While using ARC, connect the ARC compatible external device to HDMI 1, under Live TV, press the "MENU" button to select "Speaker", "External Audio System"

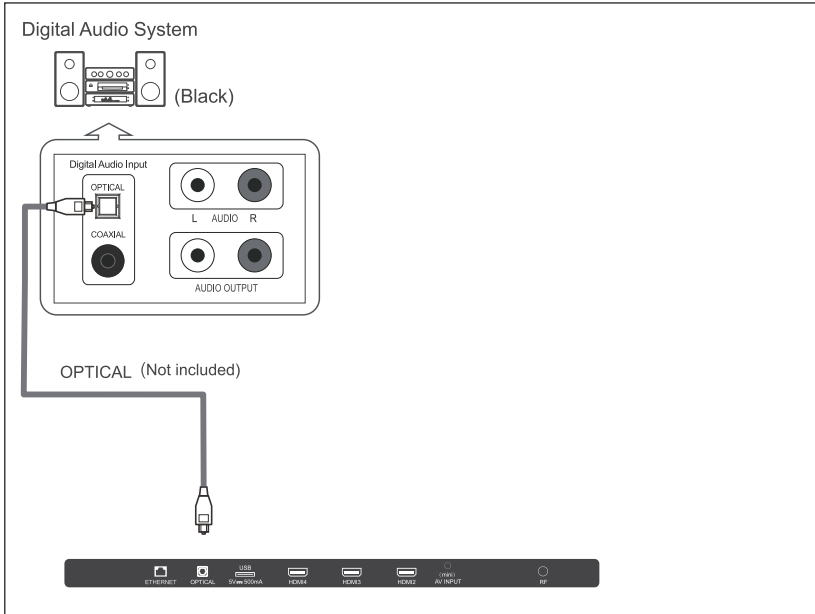
#### Notes:

1. Whenever you connect an external device to your TV, make sure that power on the unit is turned off.
2. When connecting an external device, match the color of the connection terminal to the cable.

## External Connection

### Connecting Digital Audio System

The rear panel jacks on your TV make it easy to connect a Digital Audio System to your TV.



5.1 CH audio is possible when the TV is connected to an external device supporting 5.1 CH.

Connect an OPTICAL Cable between the OPTICAL jacks on the TV and the Digital Audio Input jacks on the Digital Audio System. When a Digital Audio System is connected to the OPTICAL terminal: Decrease the gain (volume) of the TV, and adjust the volume level with the Digital Audio System's volume control.

### Supporting Signals

Input	System	Resolution
AV	NTSC	480i
	PAL	576i

Input	Mode
RF	DVB-T/T2/C
	PAL/NTSC(Analog)

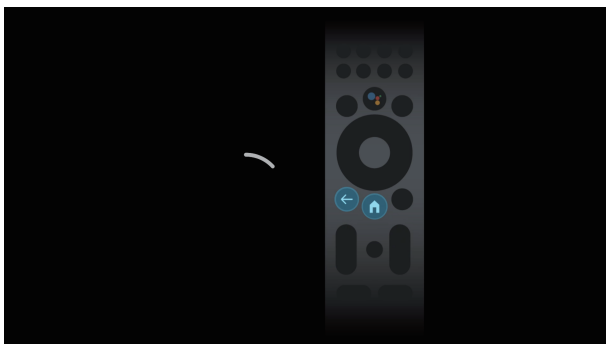
Input	Resolution	Vertical Frequency
HDMI	720p	50Hz/60Hz
	1080i	50Hz/60Hz
	1080p	50Hz/60Hz
	3840x2160	24Hz/25Hz/30Hz/60Hz

## Menu Operations

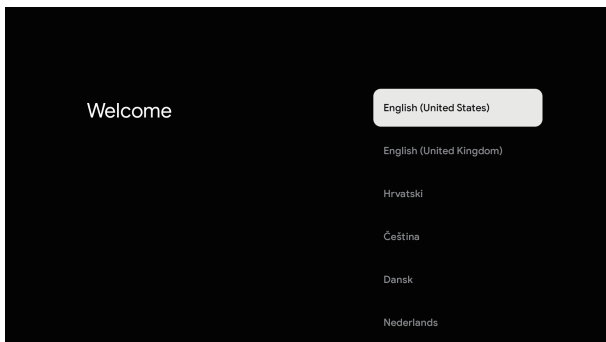
For the first initial setup, on screen setup wizard will guide you through setting up your TV. Please follow according to on screen guide to setup your TV correctly.

Be sure to follow the below prompts to pair your Bluetooth remote control. After the pairing is successful, you can now operate the TV.

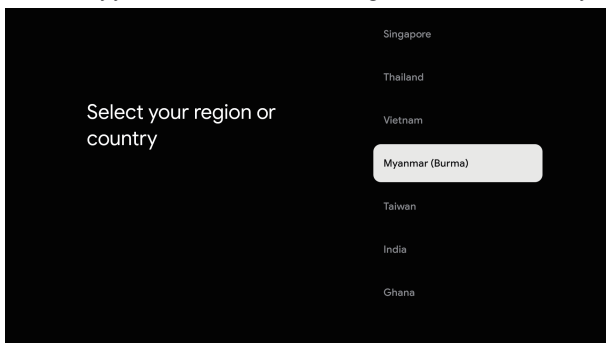
Press BACK and HOME buttons on RC at the same time for 3 seconds to enter pairing mode.



Use the ▲ / ▼ buttons to select system language, then press OK/SELECT to confirm.



Select CORRECT country you are located in otherwise Google TV will not work correctly.



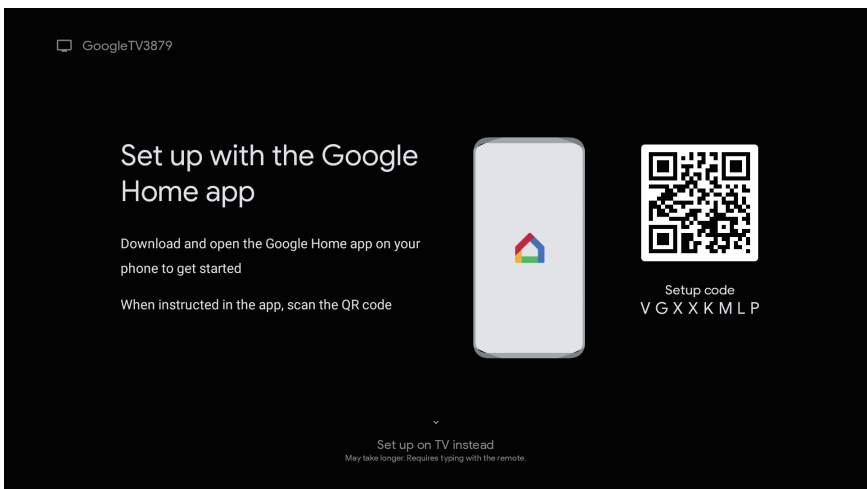
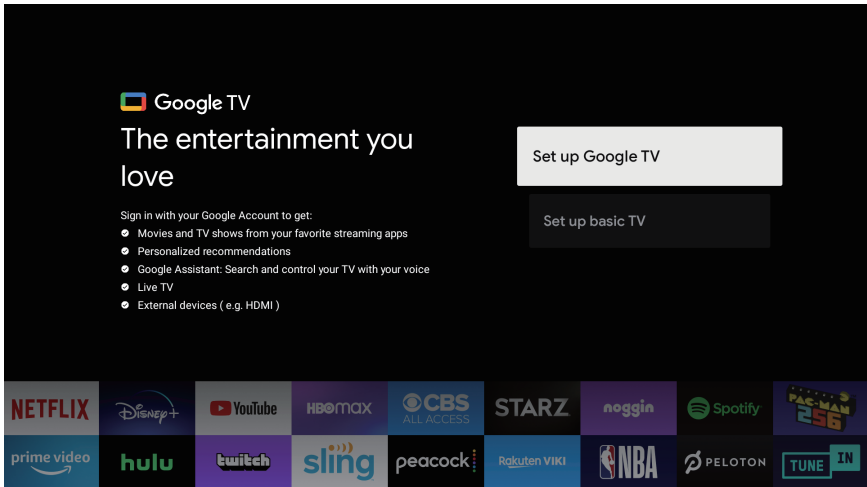
# Menu Operations

## INITIAL SETUP (Cont.)

At the Initial Setup you will be asked whether you want to setup your Google TV now or just proceed with basic setup of scanning your live DTV Channels.

If you want to SKIP Google TV Setup steps - SELECT **"SET UP BASIC TV"** and proceed to page

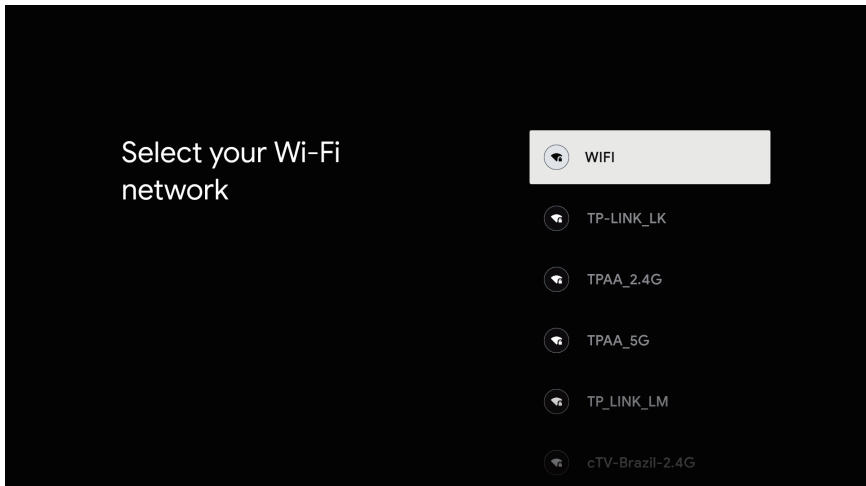
If you select **"SET UP GOOGLE TV"** please follow the below instructions below:



## Menu Operations

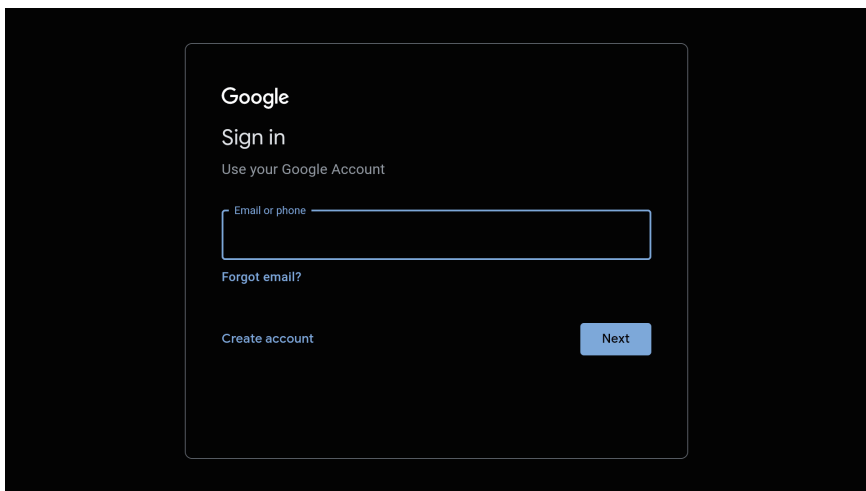
### WI-FI

Select your home Wi-Fi network and enter in the password to start connection process. Once successfully connected you will proceed to the next step.



### GOOGLE

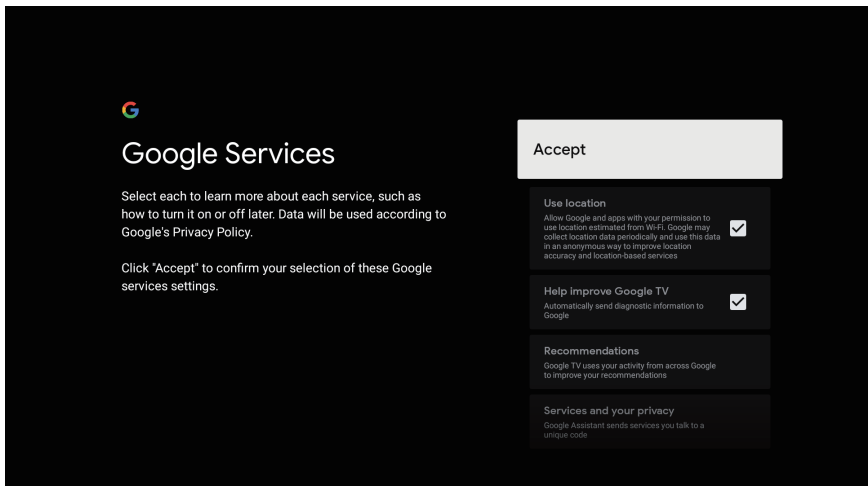
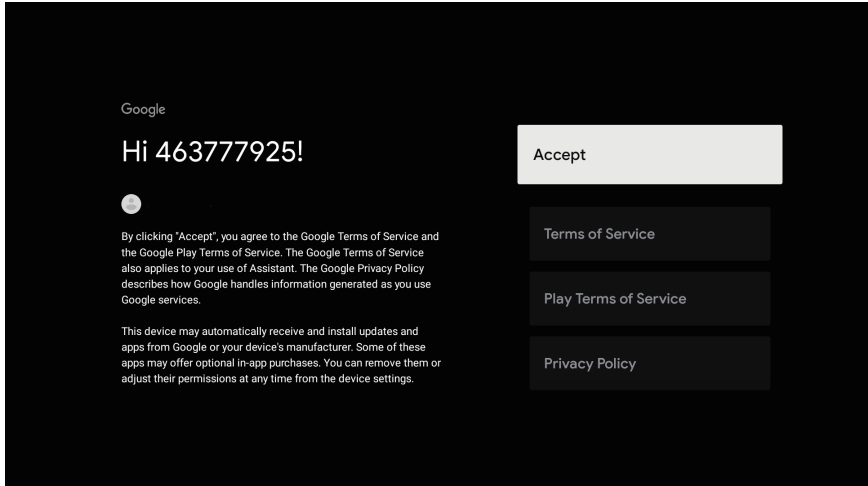
To have access and to download applications from **Google Play**, you must sign in with a Google Account. Once you open **Google Play**, you will be prompted to sign in or create a new account.



# Menu Operations

## ACCEPTANCE - TERMS OF SERVICE

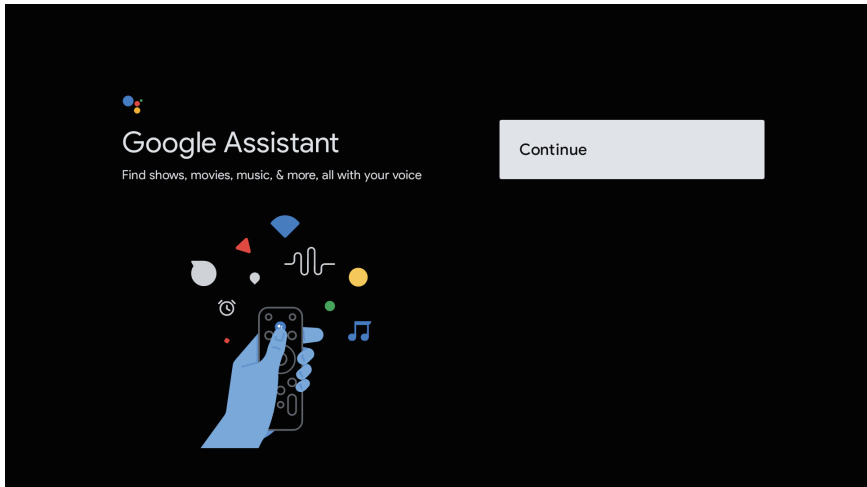
By accepting the Google Terms of Service to improve the product experience, Select **“ACCEPT”** to proceed with this condition.



# Menu Operations

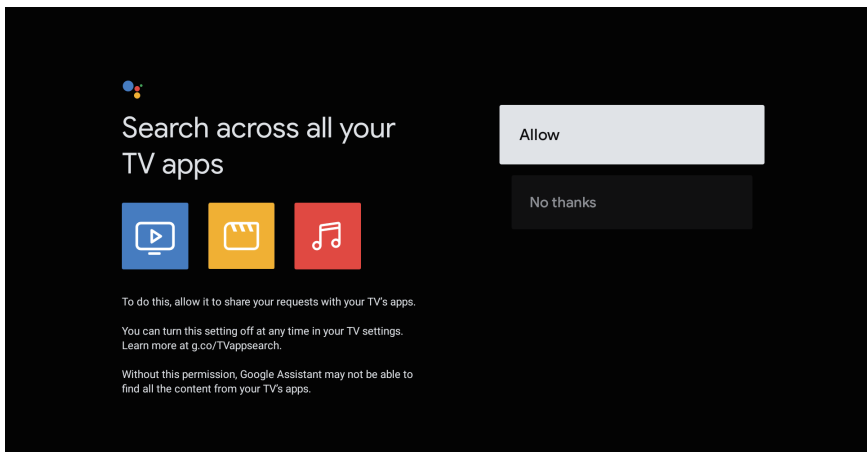
## GOOGLE ASSISTANT SETUP

Now starts the process of setting up your Google Assistant to work best for you. Please select Continue to start this process.



For the best experience with Google Assistant, please select **“Allow”** for Google Assistant to share requests with your TV's Installed apps.

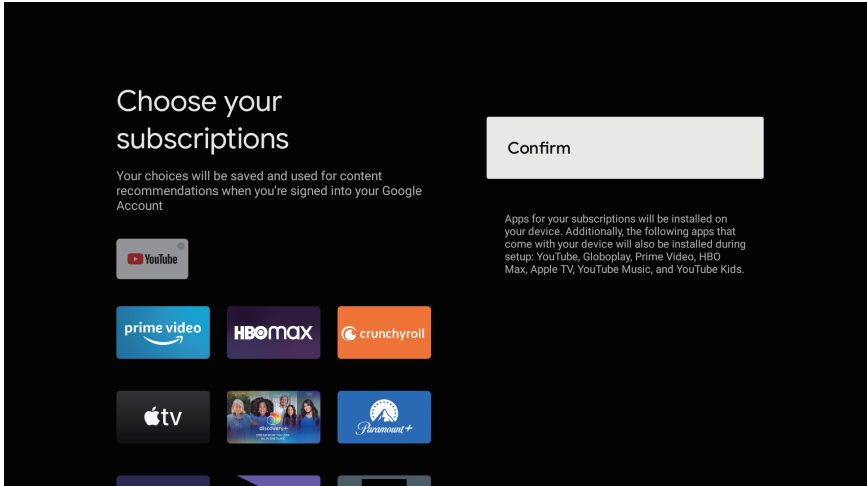
Without this permission, Google Assistant may not be able to find all the content from your TV's Apps.



# Menu Operations

## GOOGLE ASSISTANT SETUP (CONT.)

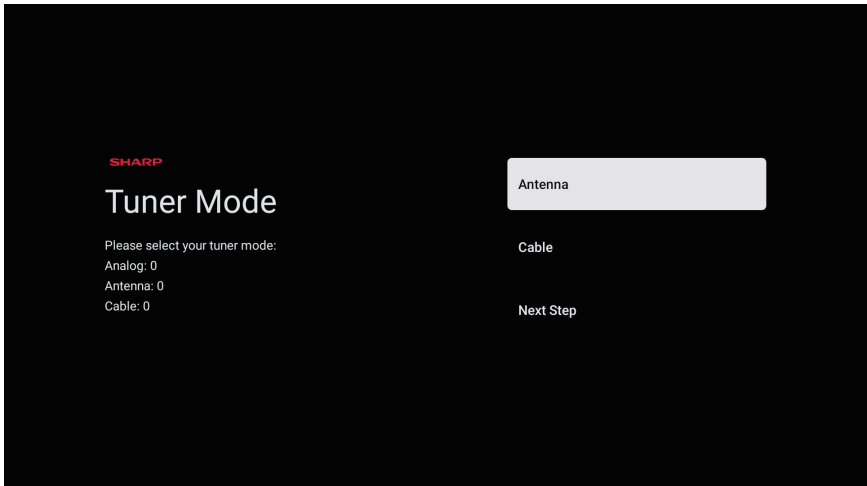
If you have select “Allow” in the previous step, content recommendations can now be provided to you.



## Channel Installation

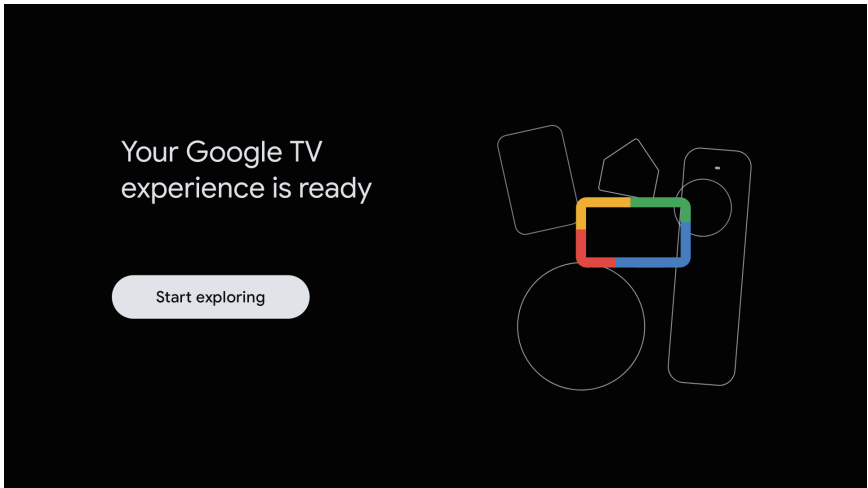
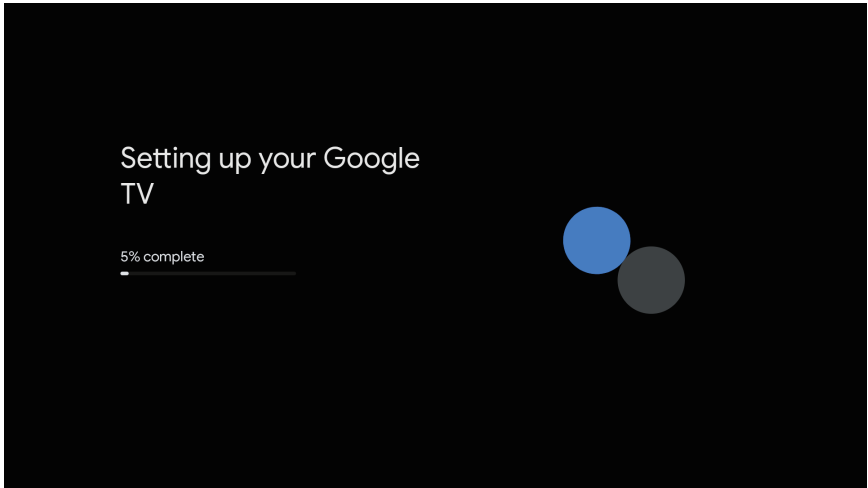
Make sure to select “ANTENNA” to scan for channels using antenna cable.

**NOTE:** Please make sure **Antenna (RF) cable** is plugged into the **TV** port located on back of TV.





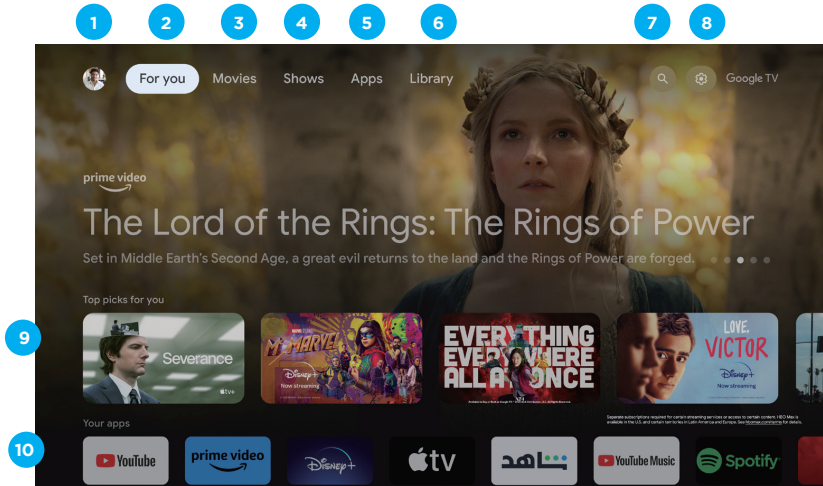
## GOOGLE TV



Once you have completed initial setup, you will now enter the Google TV home screen.

# Menu Operations

## GOOGLE TV (CONT.)

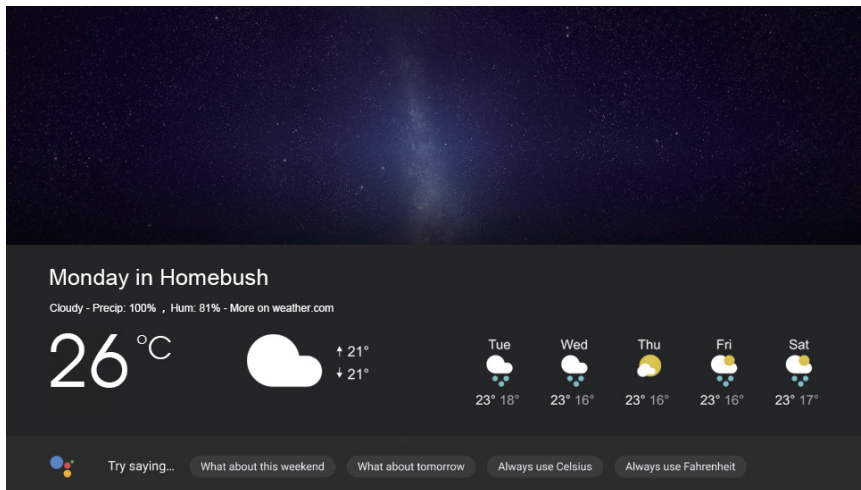


1. **PROFILE** - Select this option if you want to access:  
Add or Manage Google Account
2. **FOR YOU** - Main page for advertised TV shows, Live TV, Installed Apps, and top picks based on content recommendations tailored for you.  
9 - Each row past this point will display recommended content from the apps you already have installed.  
10 - Apps you have installed. At the end of every row of apps, Select the + box and add your app that you have downloaded and installed to the home screen of your Google TV.
3. **MOVIES** - This menu is all movies recommended for you to watch.
4. **SHOWS** - This menu is all TV shows recommended for you to watch.
5. **APPS** - to search for and download/install onto your Google TV.
6. **LIBRARY** - All installed app will appear in this menu, including updates and more.
7. **SEARCH** - Press the Google Assistant button on your remote to do more on your TV with your voice, or select "Search" and type in what you are looking for.
8. **SETTINGS** - To Access Settings, Date & Time, TV Inputs, Picture (TV Display)

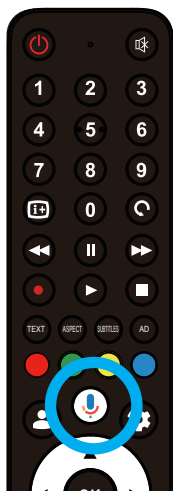
## Menu Operations

### GOOGLE ASSISTANT

Do more on your TV with your voice. Press the Google Assistant button on your remote to quickly search 400,000+ movies and shows, get recommendations to match your mood, control smart home devices, and more.



Ask Google to search for the latest blockbuster, stream shows, or open multiplayer games. Have it dim the lights by connecting smart home devices. Manage tasks and see your calendar. Or ask it questions and see the answers on your TV.



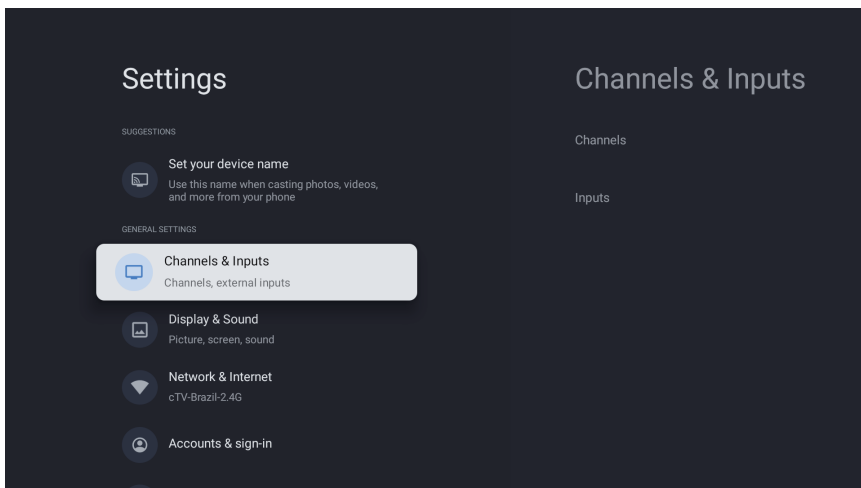
“What’s the weather today?”

# Menu Operations

## SETTINGS MENU

To access **SETTINGS** menu:

1. Select **Profile** Icon menu
2. Select **Settings**



## SETTINGS AVAILABLE ARE:

- **Set your Device Name** - This is to pick a Chromecast name, when searching to chromecast content from smartphone to TV, this name will appear on your smart device.
- **Channels & Inputs** - Live TV channel search and TV inputs menu
- **Display & Sound** - Picture and Audio settings
- **Network & Internet** - Wi-Fi or Ethernet connection settings
- **Accounts & Sign in** - Google Account settings
- **System**
- **Remotes & Accessories**
- **Help & Feedback**

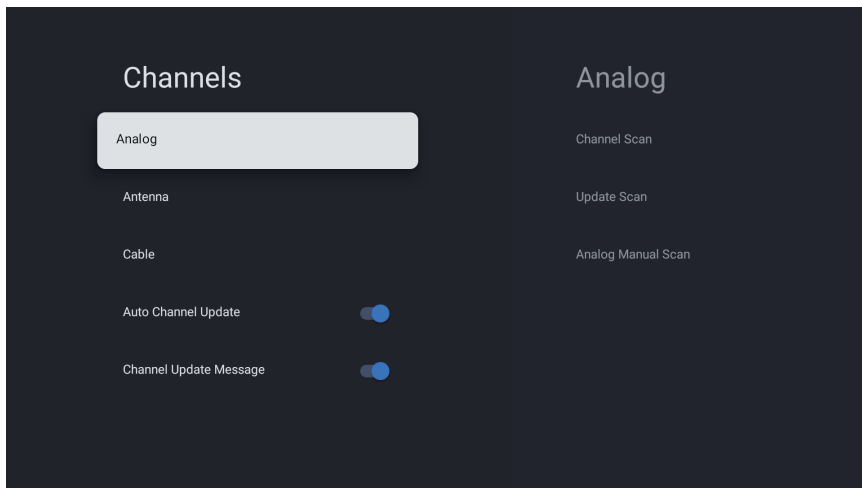
## Channels MENU

To access **Channels**

1. Select **Profile** Icon menu
2. Select **Settings**
3. Go down and select **Channels & Inputs**
4. Select **Channels**

In this interface, you can search for channels.

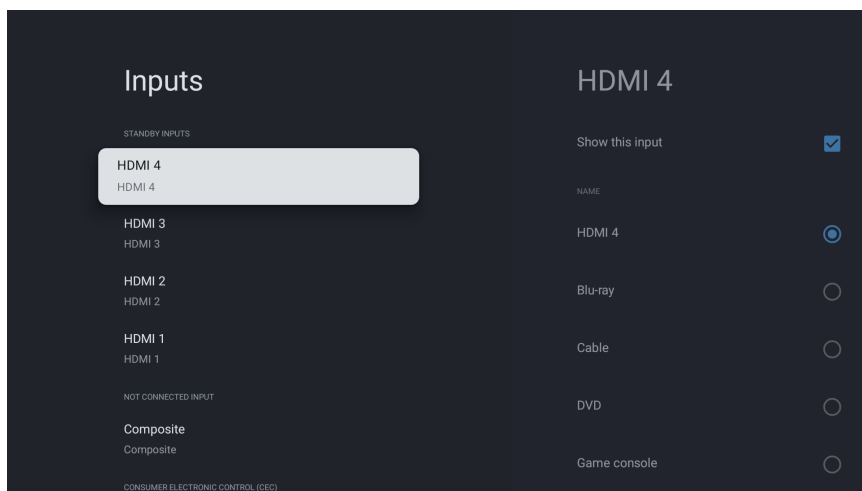
# Menu Operations



## Inputs MENU

To access Channels

1. Select Profile Icon menu
2. Select Settings
3. Go down and select Channels & Inputs
4. Select Inputs

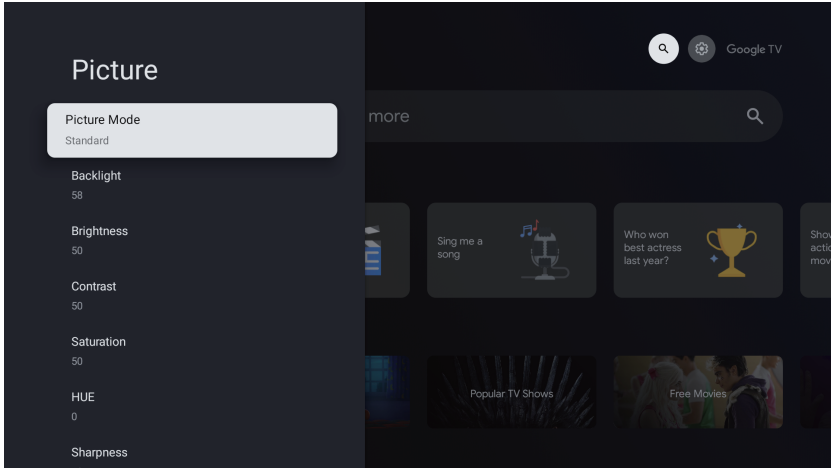


# Menu Operations

## PICTURE MENU

To access **Picture** menu

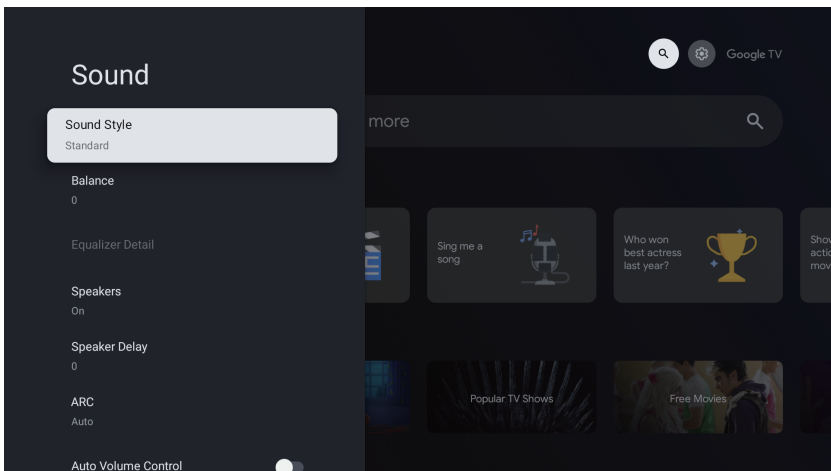
1. Select **Profile** Icon menu.
2. Select **Settings**.
3. Go down and select **Display & Sound**.
4. Then select **Picture**.



## SOUND MENU

To access **SOUND** menu:

1. Select **Profile** Icon menu
2. Select **Settings**
3. Go down and select **Display & Sound**.
4. Then select **Sound**

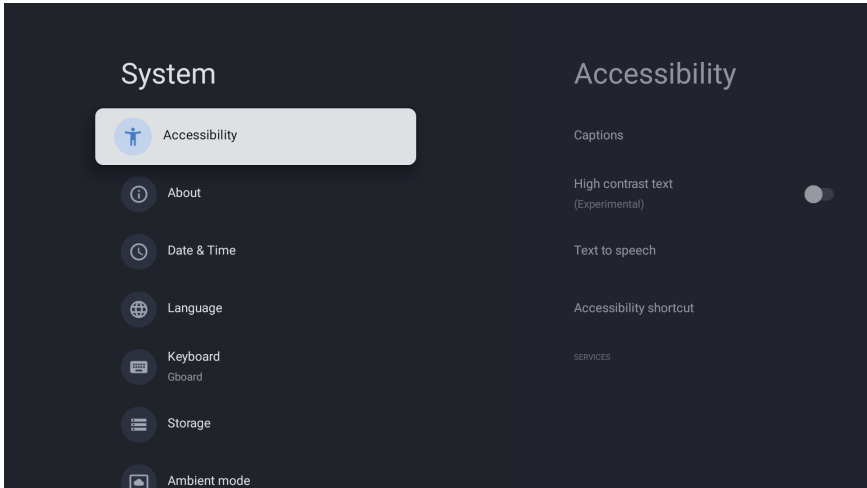


# Menu Operations

## SYSTEM MENU

To access **SYSTEM** menu:

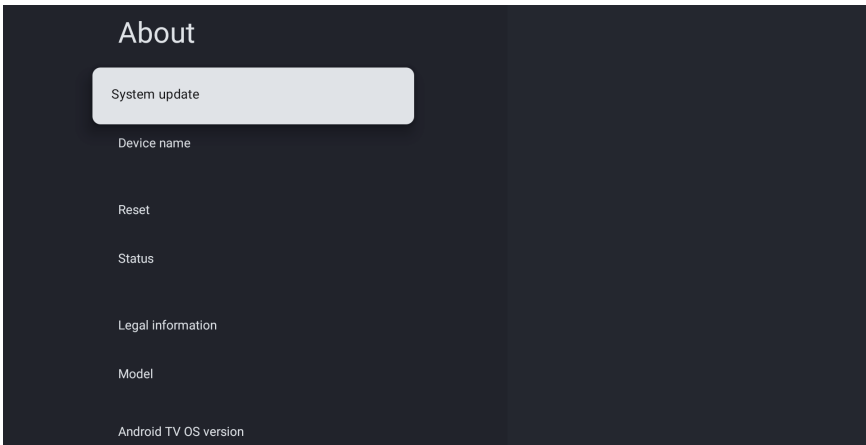
1. Select **Profile** Icon menu
2. Select Settings
3. Go down and select **SYSTEM**



## ABOUT MENU

To access **ABOUT** menu:

1. Select **Profile** Icon menu
2. Select **Settings**
3. Go down and select **System**
4. Select **About**



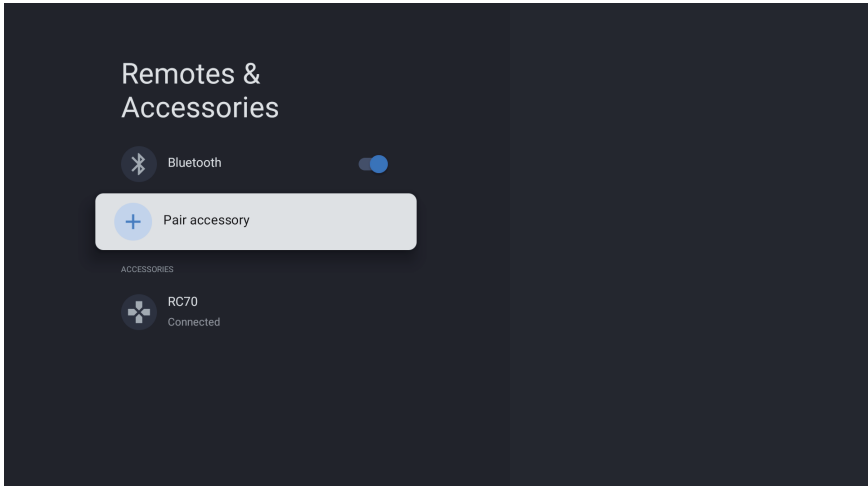
## Menu Operations

### Remotes & Accessories

To access **Remotes & Accessories** menu,

1. Select **Profile** Icon menu
2. Select **Settings**
3. Go down and select **Remotes & Accessories**

Check and set your Bluetooth connection status and add new Bluetooth devices



### PVR (PERSONAL VIDEO RECORDER)

To access **RECORDING** menu, (PVR)

1. While watching Live TV, press "**OK**" on remote control.
2. Press "**Start recording**" and then choose the recording time.

**IMPORTANT** - You must have a **USB Drive** inserted into the USB Port of the TV to in order to use any of these "**RECORD**" functions. (Must be FAT32 format)



## Troubleshooting

If you have any problem, check the counter measures for each symptom listed below. The following symptoms may have been caused by inappropriate adjustment rather than actual malfunction of the unit. If the trouble persists, contact the Customer Care Centre, see back page for contact details.

Symptoms	Possible solutions
No power	Please check the power cord plugged in and that the power outlet works. Unplug the power cord and plug it in after 60 seconds and restart the TV.
No picture	Please check antenna connection. Station may be experiencing problems, please tune to another station. Please adjust the settings of contrast and brightness.
Good picture but no sound	Please increase the volume. Please check TV is under mute mode, press MUTE button on the remote control. Please check sound settings. If external devices are being used, check their volumes are not set too low or turned off. If using AV inputs, please make sure cables are connected properly and not loose.
Good sound but abnormal color or no picture	Please check antenna connection and antenna condition. If using AV input, please check AV connections, incorrect or loose connections may cause colour problems or cause the screen to be blank.
No response to remote control	Batteries of remote control may have exhausted, if necessary, please change the batteries. Clean the remote control lens. The distance between LED TV and remote control should be within 8m, within recommended operating angle and path is free of obstructions.
Colored dots may be present on the screen	Although the LED screen is made with high-precision technology and 99.99% or more of the pixels are effective, black dots may appear or bright points of light (red, blue, or green) may appear constantly on the LED screen. This is a structural property of the LED screen and not a malfunction.
Picture is breaking up	Keep the TV away from noisy electrical sources such as cars, hair dryers, welders, and all optional equipment. Electrical atmospheric interference such as local or distant lightning storms may cause picture to break up. When installing optional equipment, leave some space between the optional equipment and the TV. Check the antenna and connection. Keep the antenna away from any power or input/output cables.
After Auto Tuning only some channels are available	Check your area is covered by Digital Video Broadcasts. Try re-tuning or manually tuning missing channels. Check that you are using the correct antenna type - please see pg.16 'Antenna connection'.

## Troubleshooting

Channel cannot be selected	Check if the channel has been blocked in the main menu settings.
USB not playing	Please check connecting USB cable and power supply is connected. Hard drive has not been formatted. Please make sure USB disk is compatible and the multimedia data formats are supported.
Picture is distorted, macroblock, small block, dots, pixelization, etc	Compression of video contents may cause distortion especially on fast moving pictures such as sports and action movies.
Noise from speaker	Check cable connections, make sure a video cable is not connected to an audio input. Low signal level may cause sound distortion.
TV turns on automatically	Check if the On Timer is set to On in the Setup menu.
Picture is not shown in full screen	Black bars on each side will be shown on HD channels when displaying SD (4:3) contents. Black bars on Top & Bottom will be shown on movies that have aspect ratios different from your TV. Adjust picture size option on your external device or TV to full screen.

**SHARP**  
SHARP CORPORATION



