

Connections and setup

Before initial setup

Protect against power surges

- Connect all components before you plug any power cords into the wall outlet or power strip.
- NEVER plug your TV into an outlet that is controlled by a wall switch.
- Turn off the TV before you connect or disconnect any cables.
- Make sure all antennas and cables are properly grounded. Refer to the Important Safety Instructions.

Safety information

- Prevent TV from overheating by placing in an area with good ventilation.
- Do not block ventilation holes on the TV. Position the TV so air can circulate freely on all sides.
- Do not stack objects on the TV.
- If you place the TV on a stand, make sure you allow adequate ventilation.
- If you connect an audio receiver or amplifier to the TV, place it on the top shelf so the heated air will not overheat the TV.

Avoid audio interference

- Position cables properly; insert each cable firmly into the designated jack.
- Route all cables down one side of the back of the TV instead of straight down the middle.
- If your antenna uses 300-ohm twin lead cables, do not coil the cables.
- Keep twin lead cables away from audio/video cables.

Avoid direct light

- Do not place the TV where sunlight or room lighting is directed toward the screen. Use soft or indirect lighting

Set up your new TV

Open the box and remove the TV and other items. Be careful, the TV may be heavy! We strongly recommend that at least two people unbox the TV.

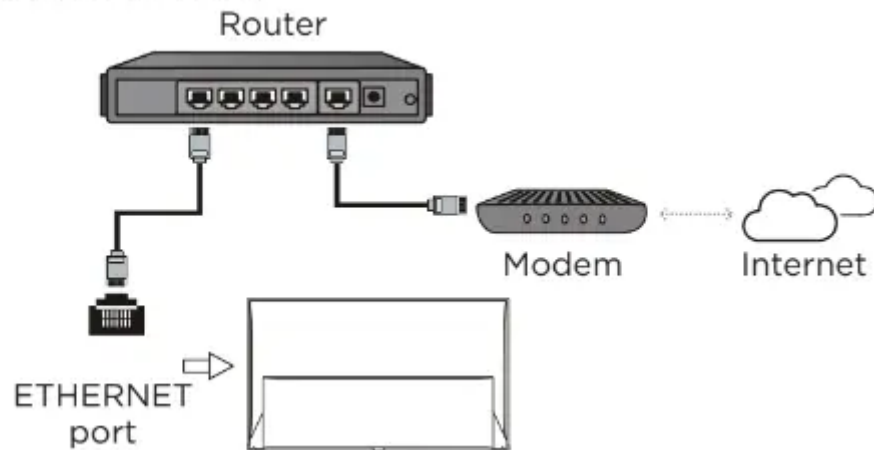
Be sure to check all the foam packaging as the stands from some TV's are stored in the foam for protection.

Refer to your TV's Quick Start Guide or other provided documentation for model-specific information about attaching the stands or a wall mount and making connections to AC power and to your other audio/video devices.

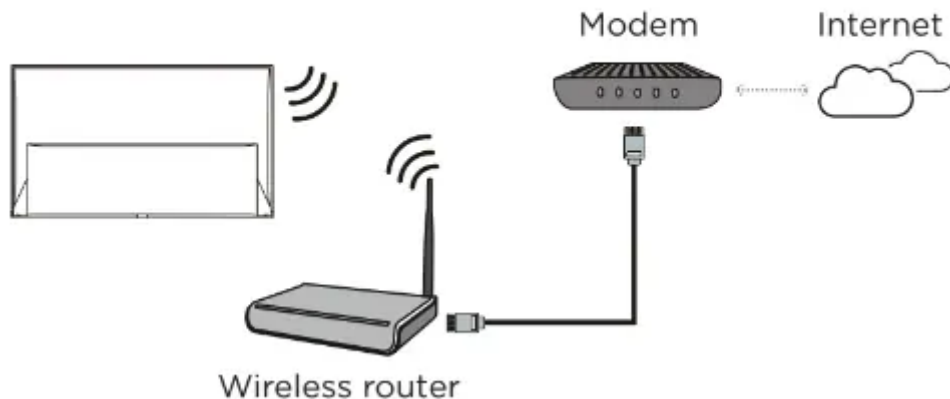
Connect to the Internet

The following instructions 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 Internet service provider.









Wired connection





Wireless connection



Network settings

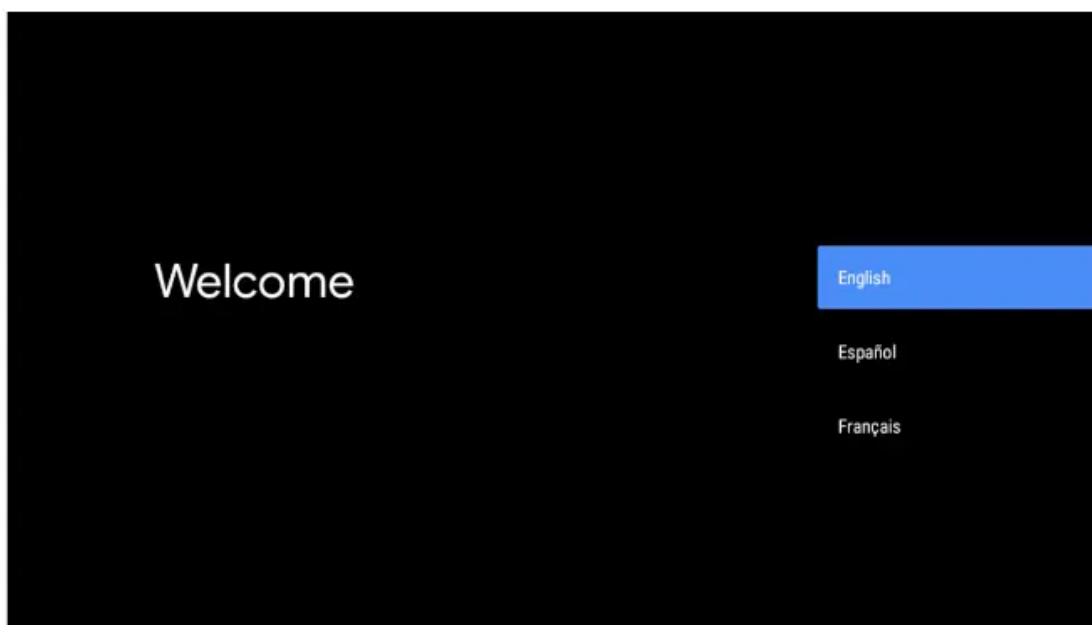
1. Press  on the remote control to display the Android TV homepage.
2. Press  /  /  /  to move the cursor to  on the right top of the screen and press OK to enter the settings menu.
3. Press  /  to select Network & Internet, press OK to enter the submenu and follow the on screen guidance to set up your network.

Switch the TV on and off

1. When the power cord is connected, the TV will be turned on directly or be in standby mode. If the TV is in standby mode, press the  button on the set or the [image button on the remote control to turn it on.
2. To put the TV into standby mode, press the  button on the remote control. The TV set remains powered on, but with low energy consumption.
3. To completely turn the TV off, unplug the power cord from the wall outlet.

Initial setup





The first time you switch the TV on, the Welcome screen appears, which guides you through the initial setup process. Follow the on-screen instructions to finish the initial setup process including selecting the language, connecting to the network, and more. During each step, either make a choice or skip the step. If you skip a step, you can perform the setup later from the settings menu.






Basic TV operations

Accessing channels

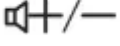

Using the CH+/- buttons: in TV mode, press the CH+/- buttons on the remote control to scroll through the channels.

Using the OK button: in TV mode, press the OK button on the remote control to display the channel list and press  /  /  /  and OK to select channels.

Watching connected devices


Press  on the remote control to display the source list. Press / to select TV or other input sources and press OK to confirm.


Adjusting volume

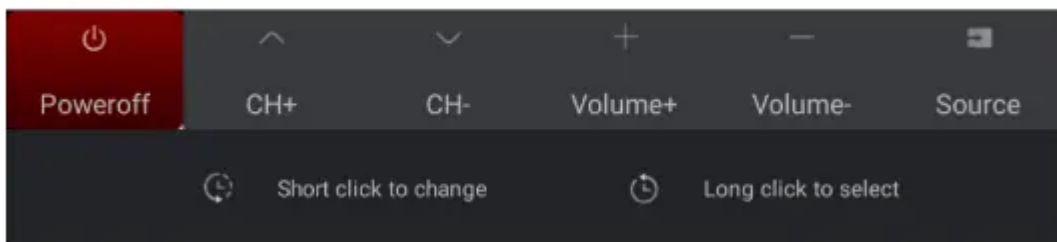
Press the  buttons on the remote control to increase or decrease the volume. Press and hold the  button for about 3 seconds to mute the sound.



Using the power button on your TV

In addition to using the remote control to control your TV, you can also use the button on your TV.

You can turn on the TV from standby mode by pressing the  button on your TV.

While the TV is on, the multi-function menu appears by pressing the  button on your TV. For more information on how to use the multi-function menu, please refer to the figure below.



- Press the  button to move the highlight to the next function selection.
- Press and hold the  button for more than 2 seconds to confirm your selection.




Accessing Android TV homepage

The Android TV homepage allows you to enjoy Internet Applications (Apps), specially adapted Internet websites, and change your TV settings.

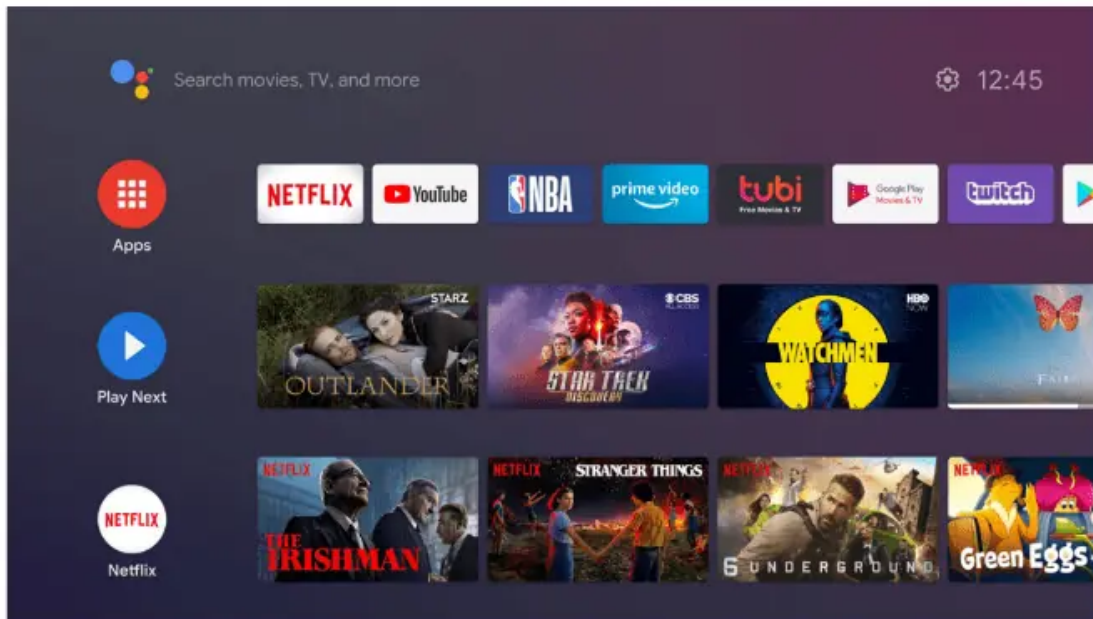
WARNING:

- Configure the network settings before using Smart TV applications.
- Slow responses and/or interruptions may occur, depending on your network conditions.
- If you experience a problem using an application, please contact the content provider.
- According to circumstances of the content provider, an application's updates or the application itself may be discontinued.
- Depending on your country's regulations, some applications may have limited service or not be supported.

- Changes in application content may be made without prior notice by the service provider.


1. Press  on the remote control to display the Android TV homepage.
2. Press  and OK to enter the desired Apps, functions or settings.
3. Press  to return to the homepage.

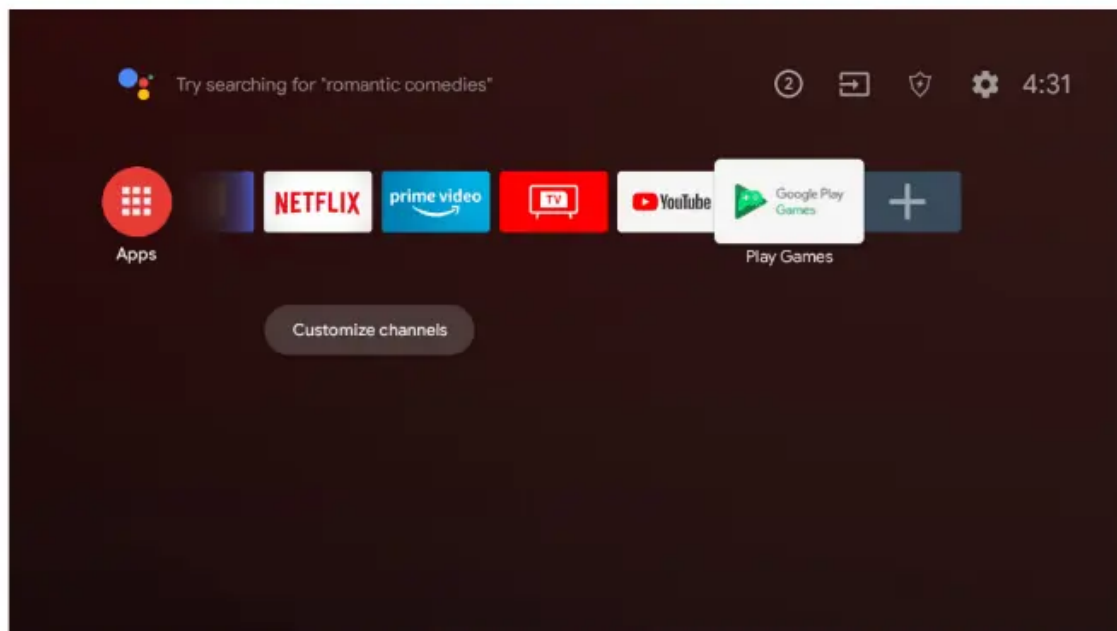
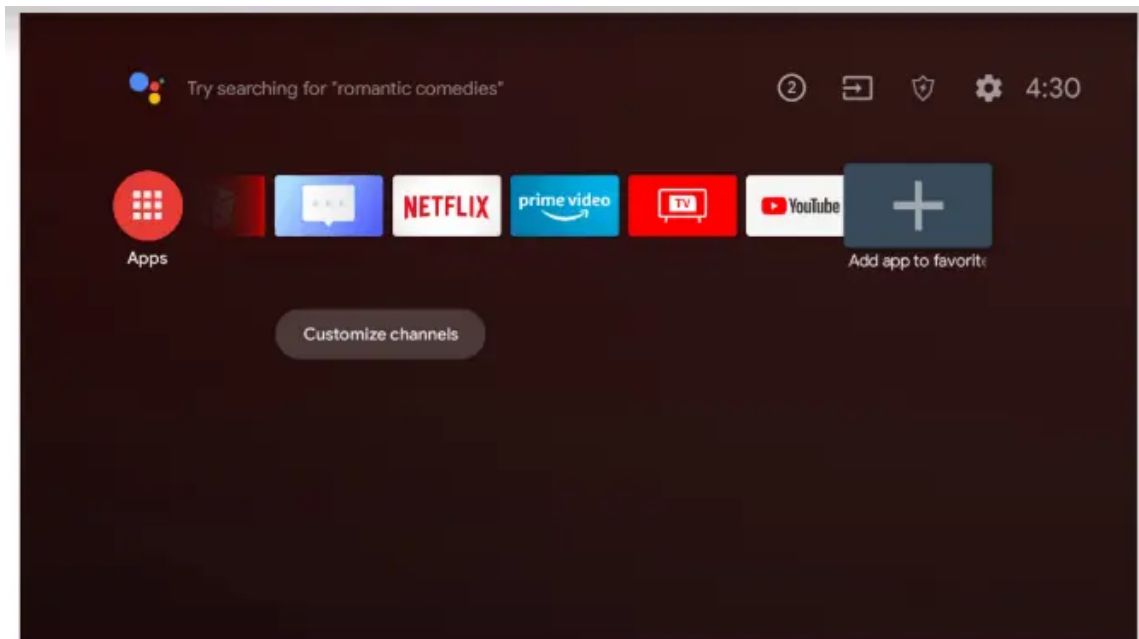
Note: Since the connection to the Internet takes time, it's recommended that you wait a few minutes to use the Smart TV feature after you activate the TV from standby mode.



If

you want to add more apps to the TV homepage:

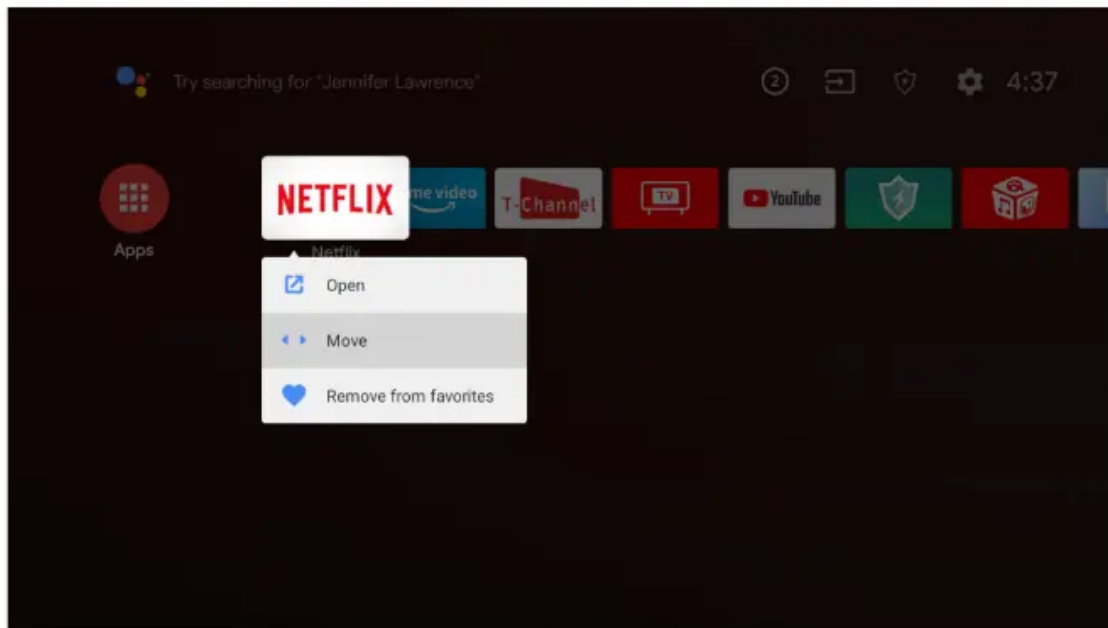
- Select “+” at the end of the row of apps, and press the “OK” button on your remote to pop out "Select app" menu.
- Pressing  button to select the app you want to add.
- Press the “OK” button on your remote to confirm. The app you selected will appear at the end of the Apps row.



You










can move apps or remove them from the favorites listed on the homepage:


- Select the app icon, and then long press (at least 3 seconds) the "OK" button on your remote until a drop-down menu appears.
- Select "Move", and then press "OK" button to confirm. You can adjust the order of the selected app by pressing ◀/▶ and the "OK" button on the remote control.
- Select "Remove from favorites" to remove the app from the favorites.

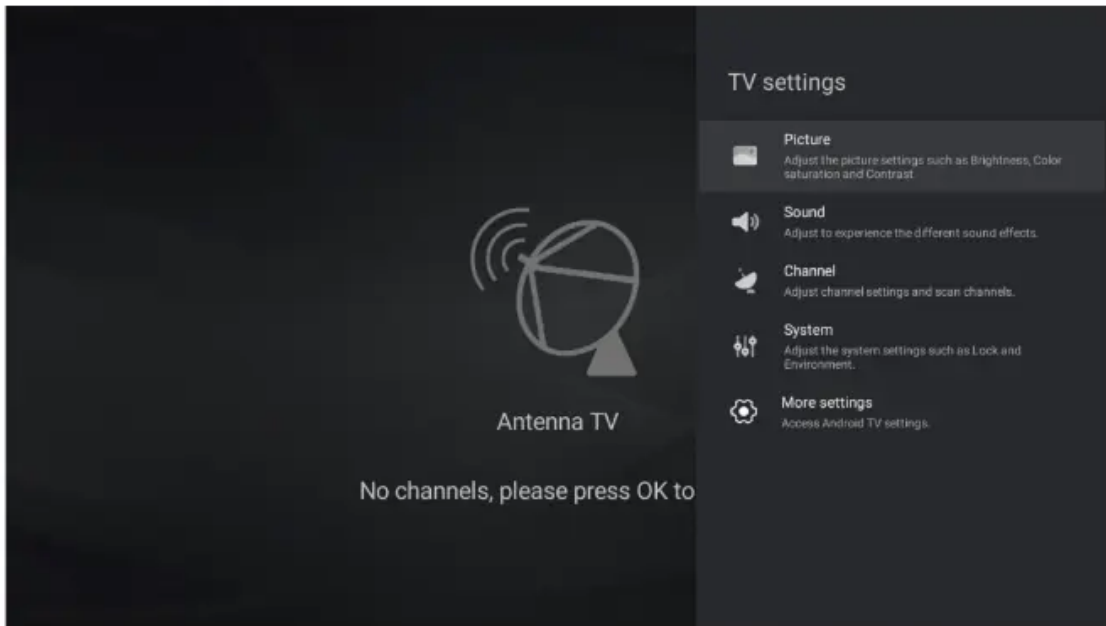


Using TV settings menu

Allows you to adjust TV settings, such as picture and sound.

1. Press  on the remote control to display the TV settings menu.
2. Press  /  to select the desired item, then press **OK** /  to enter the corresponding submenu.
3. In submenus, press  /  to select menu options, then press **OK** /  to enter the option list, the adjustment interface, or the corresponding submenu.
4. Press  to return to the previous menu.
5. Press  to close the menu.




Note: You can also press  on the remote control, select TV settings (if available) and press **OK** to enter the TV settings menu. Some options may not be available for certain signal sources.



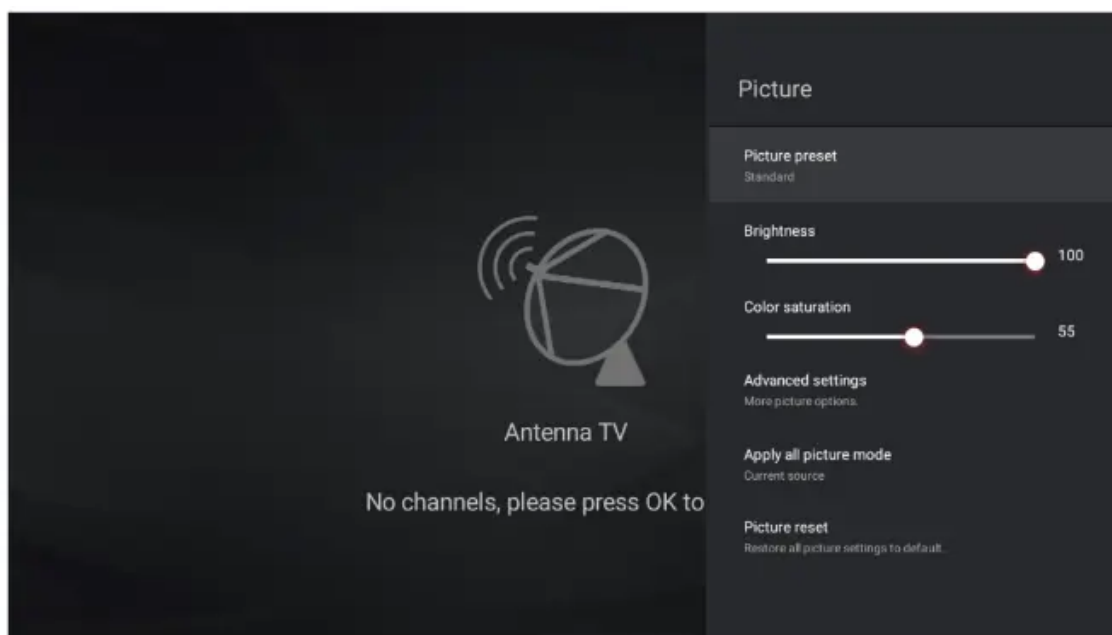
Adjusting your TV

Picture settings

The picture menus are used to obtain the best picture settings according to your preference and the type of program you are watching. The picture menus can be set up at every broadcasting type and every input source.

1. Press  on the remote control, select Picture and then press OK.
2. Press  /  to select the picture item you want to set, and then press OK.
3. Set the picture items to your preferences one by one.

Note: The options available may vary depending on the picture mode you set.



Picture preset: Select a picture mode optimized for different viewing conditions. Press ▲/▼ to select an option and then press OK.

Brightness: Adjust the luminance level of the screen. Press ◀/▶ to set the preferred brightness.

Color saturation: Adjust the color saturation level of the picture. Press ◀/▶ to set the preferred color saturation.

Advanced settings: Adjust more picture options.

Brightness settings: Adjust the brightness settings such as Contrast and Black level.

Color: Adjust the color such as Color saturation and Tint.

Clarity: Adjust the clarity such as Sharpness and Digital noise reduction.


Screen settings: Adjust screen settings such as Screen mode.

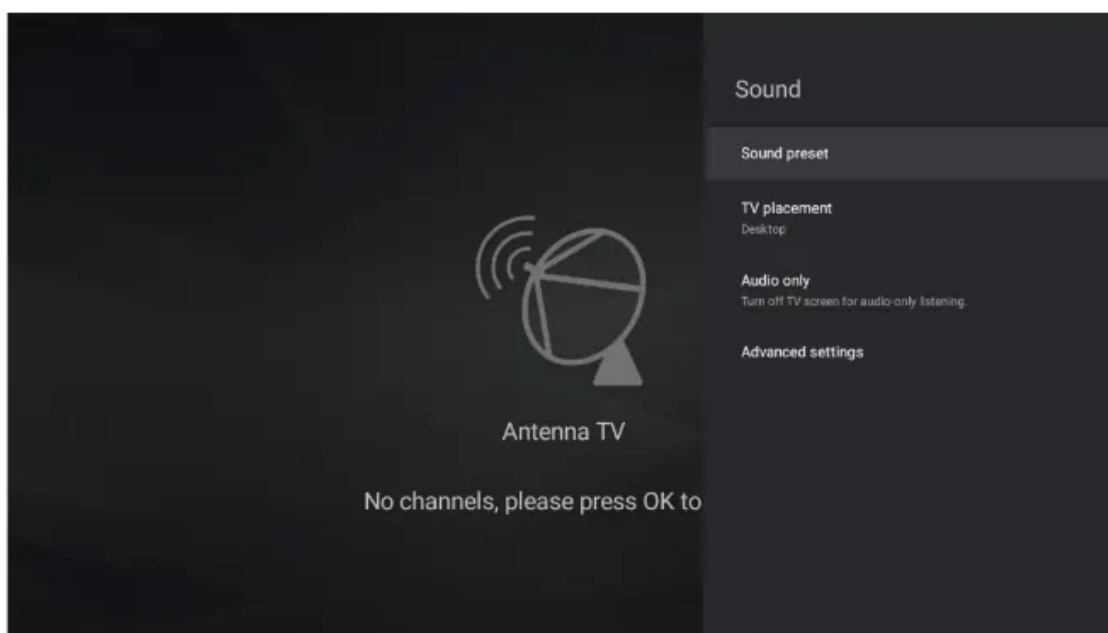
Apply all picture mode: Select whether to apply the picture settings to the current source or to all sources. Press ▲/▼ to select an option and then press OK.

Picture reset: Restore all picture settings to default. Press ▲/▼ to select OK and then press OK.

Sound settings

The sound menus are used to obtain the best sound settings to optimize audio output. The sound menus can be set up at every broadcasting type and every input source.

1. Press  on the remote control, select Sound and then press OK.
2. Press ▲/▼ to select the sound item you want to set, and then press OK.
3. Set the sound items to your preferences one by one.



Sound preset: Select a sound mode optimized for different viewing conditions. Enter the Sound mode menu and press ▲/▼ to select an option and then press OK. Select Reset to restore all sound preset to factory defaults.

TV placement: Select where the TV is located. Press ▲/▼ to set your TV placement, and then press OK.

Audio only: Select to switch off the TV display and only listen to the sound from the TV. The TV screen will turn off in about 10 seconds. In audio only mode, press any key to turn on the TV screen again.

Advanced settings: Adjust more sound options.

Menu sounds: Select whether to play a sound when pressing a button from the remote control to select menu options.

Balance: Adjust the level of sound sent to the left and right speakers.


Auto volume control: Suppress volume change by increasing low volume and reducing high volume automatically.

Digital audio out: Select the digital audio output format.

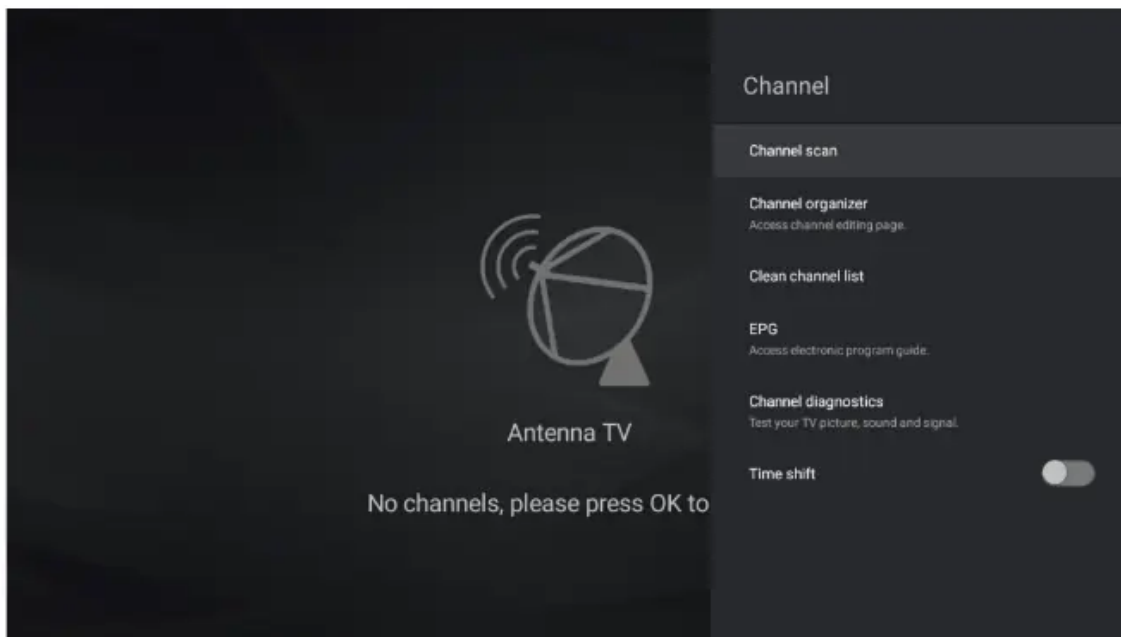
Digital audio out delay: Correct timing mismatches between the audio and video tracks. This option is only available when Digital audio out is set to PCM.

Channel settings

The channel menus are used to scan and maintain your channels, and access the Electronic Program Guide. The channel menus are only available in TV mode.

- ^{1.} In TV mode, press  on the remote control, select Channel and then press OK.

2. Press ▲/▼ to select the channel item you want to set, and then press OK.
3. Set the channel items to your preferences one by one.



Channel scan: Search channels automatically or manually.

Country/Region: The TV installs and arranges channels according to your country or region.

Press ▲/▼ to select Country/Region, and press OK/▶ to enter. Enter the default password or your own password in case you have changed the password in the System > Lock menu.

Press ▲/▼ to select your country or region and press OK to confirm.

Automatic search: Press ▲/▼ to select Automatic search and press OK/▶ to enter. Press to select Tuner mode and other options, then press ▼ to select Search and press OK to start scanning channels.

Manual scan: Scan channels manually by entering parameters such as channel number or frequency.

Channel organizer: After the automatic search, channels are arranged in a preset order. If you want to edit the channel list, select Channel organizer and press OK/▶ to enter.

Clean channel list: Reset all channel lists.




EPG: Access electronic program guide.

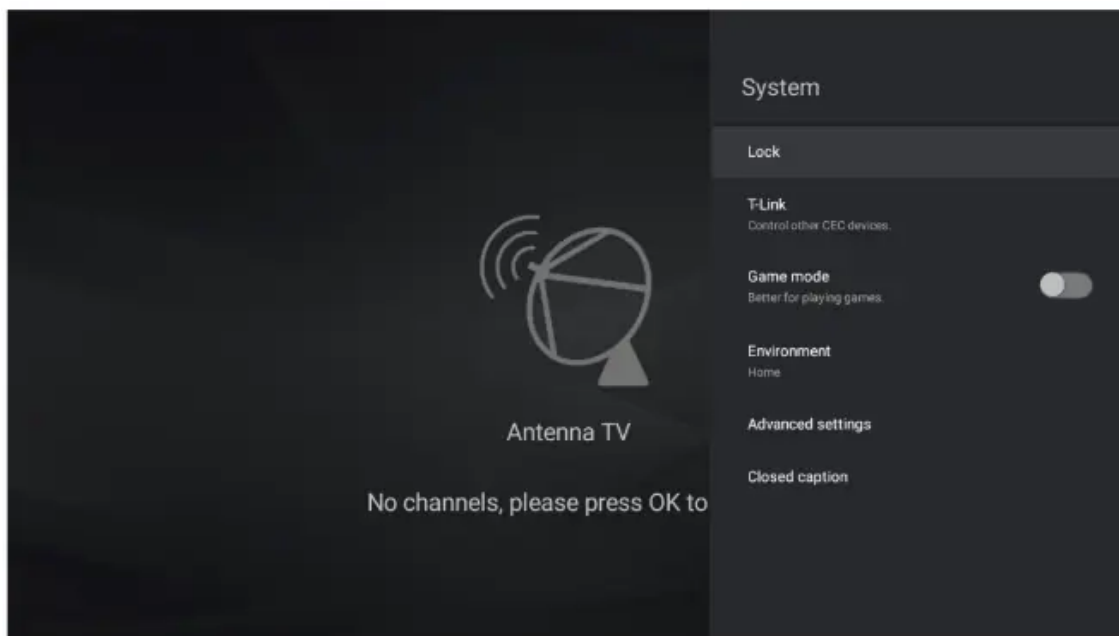
Channel diagnostics: Test your TV picture, sound and signal.

Time shift: Press OK to toggle this function on or off.

System settings

The system menus are used to adjust the system settings for your TV.

1. Press  on the remote control, select System and then press OK.
2. Press / to select the system item you want to set, and then press OK.
3. Set the system items to your preferences one by one.





Lock: You can set the parental control feature to restrict the viewing of programs by children under the specified age limit. You must set a four-digit password before using the parental control feature. Password will be required to watch a program subject to watching restriction. Enter the default password 1234 to access the submenu.

T-Link: Use this function to search for CEC devices connected to the HDMI sockets in your TV and enable auto power on and auto standby between the TV and CEC devices.



Auto power on: Enables the TV to automatically power on when you power on a CEC device (e.g. DVD) with the device's remote.

Auto Standby: Enables all CEC devices to automatically go to the standby mode when you turn off the TV with the TV remote.

Game mode: Better for playing games. Press OK to toggle this function on or off.

Environment: You can choose the environment in which your TV is used. Press / to set your environment, and then press OK.







Advanced settings: Adjust more system options.

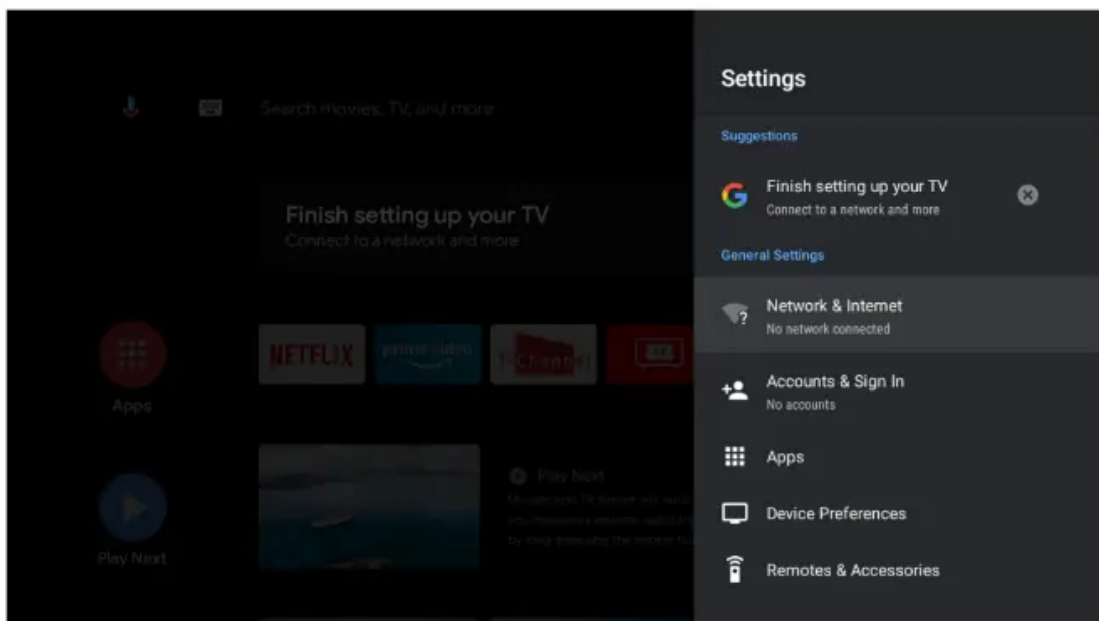
LED indicator: You can set the LED indicator to be flashing, off, or on when the TV is in standby mode. Press / to select your option, and then press OK.

Closed caption: Many programs are encoded with closed captioning information, which allows you to display the audio portion of a program as text on the TV screen.

Android TV settings

Allow you to configure settings of Android TV features, such as network, accounts, apps, device preferences, remotes and accessories, etc.

1. Press  on the remote control to display the Android TV homepage.
2. Press  to move the cursor to  on the right top of the screen and press OK to enter the settings menu.
3. In submenus, press  to select menu options, then press OK to enter the option list or the corresponding submenu.
4. Press  to return to the previous menu.
5. Press  to close the settings menu and return to the homepage.



Suggestions






- Set your device name: Use this name when casting photos, videos, and more from your phone.
- Finish setting up your TV: Add a Google account or sync the registered Google account to make the most of your TV.

General settings

- Network & Internet: Configure the Wi-Fi and Ethernet settings. The network status is also displayed.
- Accounts & Sign In: Sign in to your Google account to make the most of your TV.
- Apps: View the list of recently opened apps, all installed apps, and the system apps. You can also add permissions for different apps, and configure special app access to save power and storage, and more.
- Device Preferences: Set the preferences of the Android TV.
- Remotes & Accessories: Search for Bluetooth accessories and pair them with your TV. You can set up your TV to make it visible to all nearby Bluetooth devices.

Setting Android TV preferences

Follow these instructions to configure various Android TV settings.

1. Press  on the remote control to display the Android TV homepage.
2. Press  to move the cursor to  on the right top of the screen and press OK to enter the settings menu.
3. Press  to select Device Preferences and then press OK.
4. Press  to select the items you want to set, and then press OK.
 - Power: Configure instant power on function. When enabled, the TV will power up faster.
 - Inputs: Set the name of the connected inputs and select whether to display the input in the input list. In addition, you can set up the CEC functions.
 - About: Check for system updates and view legal information, terms and conditions, privacy notice, cookie notice, etc.
 - Date & time: Set the date and time. You can choose whether to auto synchronize or to manually set date and time. You can also set 24-hour format.
 - Language: Select a menu language. The selected menu language will also be set as the voice recognition language.
 - Keyboard: Configure the settings of the on-screen keyboard. You can choose whether to use system language for the keyboard or to active other languages for the keyboard. You can also add new virtual keyboards or active virtual remote keyboard.
 - Storage: View the memory usage status, clear data, cache and defaults, and to open, force stop or disable an app. Besides, you can add or remove an app's permissions to access your contacts, location, and microphone, etc.
 - Home screen: Customize channels, enable video and audio previews, reorder apps and games, and view the open source licenses for Android TV home and Android TV core services.

- Google Assistant: Configure the Google search settings, including selecting which apps to be included in search results, enabling the SafeSearch filter, blocking offensive words, and viewing permissions and open source licenses.
- Chromecast Android Shell: View the version number and open source licenses of Chromecast.
- Screen saver: Configure the screen saver settings, including the way of screen saver, the inactivity time after which to start screen saver, the inactivity time after which to put device to sleep, the sleep timer, or to start screen saver right now.
- Location: Set whether to enable the location function using Wi-Fi and view the list of apps that requested the location recently.
- Usage & Diagnostics: Set whether to automatically send diagnostic information to Google or not.
- Security & restrictions: Configure settings of unknown sources, app verification, and restricted profile.
- Accessibility: Configure Caption, High contrast text, and Accessibility shortcut, etc.
- Reset: Restore your TV to its original factory settings.

Other information

Password in Parental Control

- The default password is 1234. You can change it to a new one.
- The super password is 0423. If you forget your code, enter the super password to override any existing codes.

Troubleshooting

Please check the following list before requesting service.

There is no picture or sound.

- Make sure the power cord is properly inserted in the power outlet.
- Make sure the source type is set correctly.
- Make sure the antenna is properly connected.
- Make sure the volume is not set to minimum or the sound is not set to mute.
- Make sure the headphones are not connected.
- The TV may be receiving a signal other than from TV broadcasting stations.

Picture is not clear.

- Make sure the antenna cable is properly connected.

- Consider whether your TV signal is being properly received.
- Poor picture quality can occur due to a VHS camera, camcorder, or other peripheral being connected at the same time. Switch off one of the other peripherals.
- The 'ghost' or double image may be caused by obstruction to the antenna due to high-rise buildings or hills. Using a highly directional antenna may improve the picture quality.
- The horizontal dotted lines shown on the pictures may be caused by electrical interference, e.g., hair dryer, nearby neon lights, etc. Turn off or remove these.

Picture is too dark, too light or tinted.

- Check the color adjustment.
- Check the brightness setting.
- Check the sharpness function.

Remote control does not work.

- Check the batteries of the remote control.
- Make sure the remote sensor window on the front of the TV is not in strong fluorescent lighting.
- Try to clean the remote sensor window on the front of the TV with a soft cloth.

If the above suggestions do not solve your technical issue, please refer to the warranty card for service information.

Broadcasting & Operating Environment

Broadcasting system	US System NTSC-M ATSC standard (8VSB), QAM
Receiving Channels	VHF2-13 UHF14-69 CATV 14-36 (A)-(W) 37-59 (AA)-(WW) 60-85 (AAA)-(ZZZ) 86-94 (86)-(94)95-99 (A-5)-(A-1) 100-135 (100)-(135) 01 (4A)
Tuner type	Frequency synthesized
Operating Temperature	5°C to 35°C (41°F to 95°F)
Operating Humidity	20% to 80%, non-condensing
Storage Temperature	-15°C to 45°C (5°F to 113°F)
Storage Humidity	10% to 90%, non-condensing

Warning



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