

OKANO

43" Full HD Android TV
Instruction Manual

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SPECIFICATIONS

TROUBLESHOOTING

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 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 plug. 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) Unplug this apparatus during lightning storms or when unused for long periods of time.
- 13) 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.
- 14) Mains plug is used as the disconnect device, the disconnect device shall remain readily operable.
- 15) The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, table-cloth, curtains, etc.
- 16) No naked flame sources, such as lighted candles, should be placed on the apparatus.
- 17) Attention should be drawn to the environmental aspects of battery disposal.
- 18) The use of apparatus in moderate climate.
- 19) The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.



CAUTION


RISK OF ELECTRIC SHOCK


DO NOT OPEN!



CAUTION

TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK) NO USER SERVICEABLE PARTS ARE INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

 The symbol indicates that dangerous voltages constituting a risk of electric shock arc present within this unit.

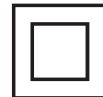
 The symbol indicates that there are important operating and maintenance instructions in the literature accompanying this unit.

WARNING:

To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture

WARNING:

The batteries shall not be exposed to excessive heat such as sunshine, fire or the like.



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



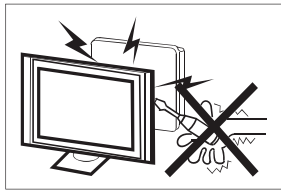
This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used 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.

HDMI® HIGH-DEFINITION MULTIMEDIA INTERFACE “HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.”

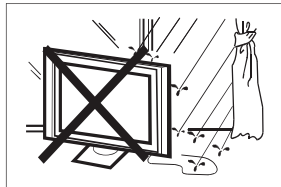
DOLBY AUDIO™

Manufactured under license from Dolby Laboratories. Dolby, Dolby Audio, and the double-D symbol are trademarks of Dolby Laboratories.

PRECAUTIONS AND REMINDERS



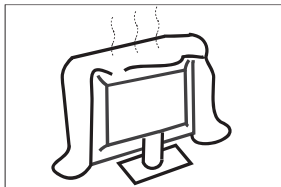
High voltages are used in the operation of this television receiver. Do not remove the cabinet back from your set. Refer servicing to qualified service personnel.



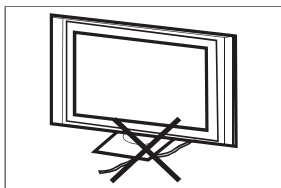
To prevent fire or electrical shock hazard, do not expose the television receiver to rain or moisture.



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



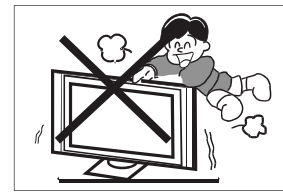
Do not block the ventilation holes in the back cover. Adequate ventilation is essential to prevent failure of electrical components.



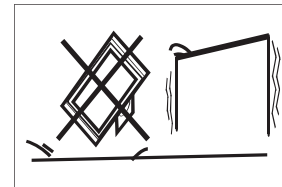
Do not trap the power supply cord under the television receiver.



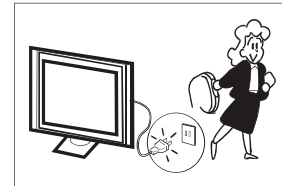
If you are going to clean the product. Unplug the TV. use soft fabric, no water. never chemicals.



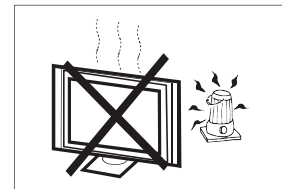
Never stand on, lean on, or suddenly push the television or its stand. You should pay special attention to children. Serious injury may result if it falls.



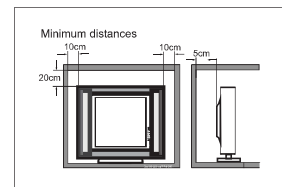
Do not place your television on an unstable cart, stand, shelf or table. Serious injury to an individual, and damage to the television, may result if it falls.



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.



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.



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.

Note: the use of apparatus in moderate climates.

BUTTON CONTROL AND PERIPHERAL CONNECTION

BUTTON CONTROL

OK/⏻

In the standby mode, press the **OK/⏻** to turn on the TV.
In the boot state, long press the **OK/⏻** to shut down.
Under the menu page, function equivalent to the OK key.

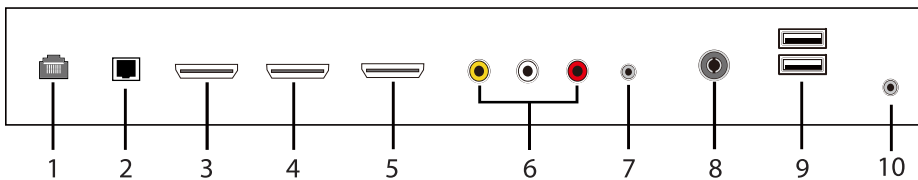
∇ / ▲

In the non-menu page, you can adjust the TV channel under the program addition and subtraction;
Under the menu page, you can move the cursor up and down.

< / >

In the non-menu page, Under the menu page, press the left and right keys to adjust the volume addition and subtraction.

PERIPHERAL CONNECTION



1. RJ45
2. OPTICAL out terminal.
3. HDMI1(ARC) input terminal.
4. HDMI2 input terminal.
5. HDMI3 input terminal.
6. Audio&Video input terminal.
7. Earphone terminal.
8. RF antenna.
9. USB 1& 2: Connect USB device, such as flash disk.
10. YPbPr(MINI) input terminal.

Note:

PVR through hard disk is not supported.

OPERATING INSTRUCTIONS

USING THE REMOTE CONTROL

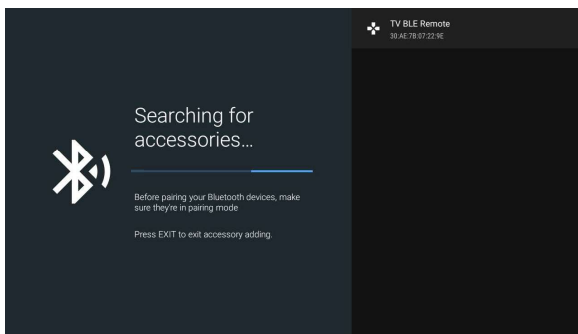


Item	Descriptions
Power	Press to turn the TV on or off. When your TV is off, power still flows through it. To completely disconnect power, unplug the power cord.
Google Assistant	Press to open the google assistant or start a voice search.
0~9 number	Press to enter a TV channel number
INFO	Press to display the channel information.
Guide	Enter electronic program guide. (Used for models with DTV function only)
NETFLIX	Press to open the NETFLIX.
YouTube	Press to open the YouTube.
Google Play	Press to open the Google Play.
Prime video	Press to open the prime video.
HOME	Press to open the Home Page.
MENU	Press to open or close the on-screen menu.
	Press to navigate the on-screen menu.
OK	Enter the selected option or perform the selected operation.
BACK	Return to the previous menu.
EXIT	It depends on the actual function
VOL+/VOL-	Press VOL+ or VOL- to adjust volume level.
CH+/CH-	Press CH+ or CH- to change TV channels.
MUTE	Press to switch the sound on or off.
SOURCE	Press to open the input source list.
COLOR BUTTONS	Press to access directly to the corresponding function in APP service.
	Press to reverse playback in multimedia & Timeshift mode.
	Press to play in multimedia mode & Timeshift mode.
	Press to fast forward in multimedia & Timeshift mode.
	Press to pause in multimedia mode & Timeshift mode.
	Press to stop multimedia playback, REC & Timeshift mode.
Text	Press to enter the Tele text mode.
SUBT	Open or close subtitle.
AUDIO	Press to select the DTV audio.

INITIAL SETUP

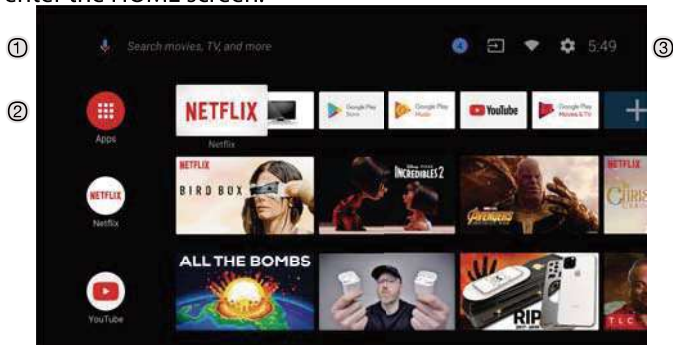
Please according to the Text Tip to First Time Setup.

This function is used for the remote control pair code. After the code is successful, you can use the Bluetooth remote control to operate the TV. press and hold "HOME" button and " Left" button Simultaneously for 5 seconds. Then press "OK" button When the "TV_BLE_Remote" displays in the upper right corner of the screen.



HOME SCREEN

During initial setup, press EXIT to exit the initial setup, and enter the HOME screen.

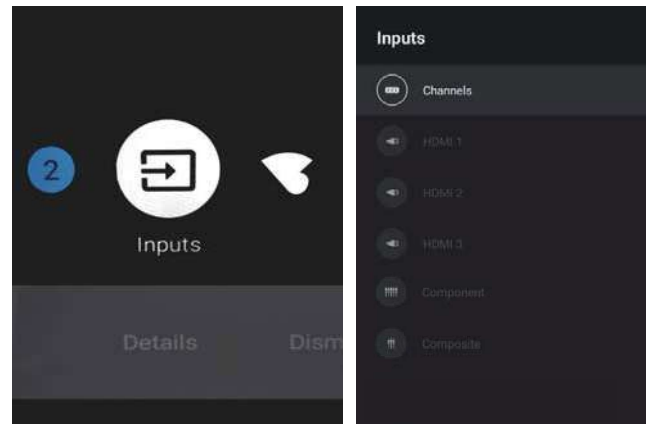


- ① Open the google assistant or start a voice search.
- ② Among the applications installed on the TV, the icons for the favourite applications are shown inside here. (Favourite applications can be added / deleted / changed its order by users.)
- ③ **Apps:** Click to jump to Apps screen where all the installed applications are listed.
- ④ **Notification:** Display the notifications.
- Inputs:** Icon to select an input source.
- Network&Interent:** Icon to Set up Network, Such as wifi.
- Settings:** Various settings can be configured here.

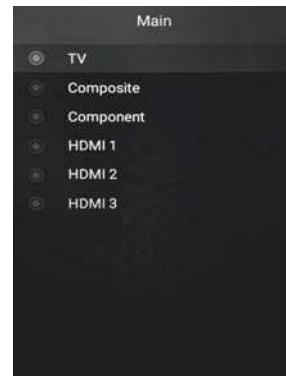
For details on the settings, see the next explanation.

INPUT SOURCE

1. In the HOME interface, press ▲/▼/◀/▶ to select the "Inputs" icon, press **OK** to open the input source list, then press up to highlight an input and press **OK** to switch.

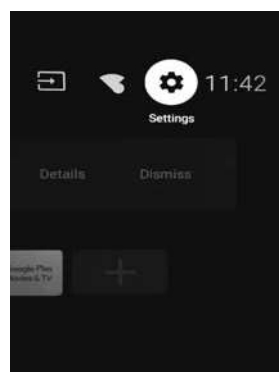
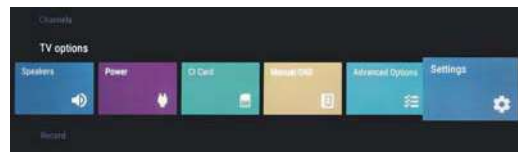


2. Under live TV, press the **SOURCE** button to display the list of input sources. You can select the desired source.



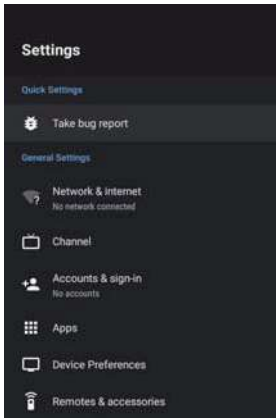
NAVIGATING THE ON-SCREEN MENU

1. There are two ways to enter. First, in live TV, press the menu button to display TV options, press ▲/▼ ◀/▶ to select the settings menu and press **OK** to confirm. Second, in the HOME interface, press the ▶ key to select the icon of the circular settings menu, press **OK** to confirm.



2. Press ▲/▼ button to select what you want set.

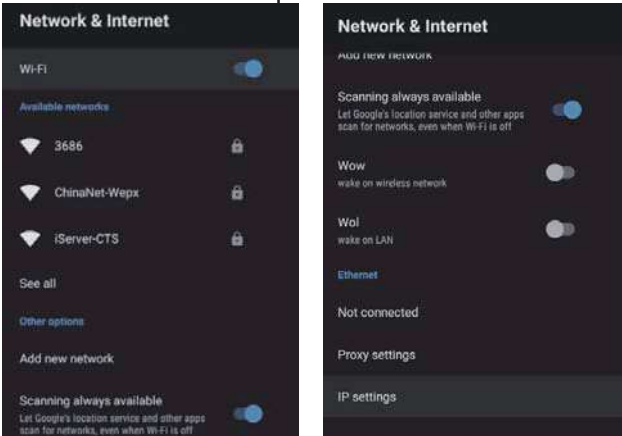
3. Press **OK** to enter setting.



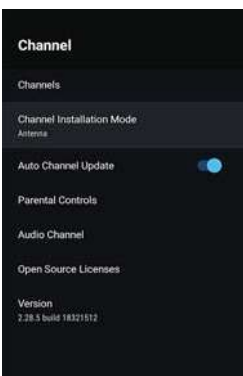
Press BACK to return to the previous menu. If the main menu is displayed, pressing BACK will close the onscreen menu.

Network

1. Press **▼/▲** button to select what you want set .
2. Press **OK** button to adjust.
3. After finishing your adjustment **OK** button to save and return to the previous menu.



CHANNEL



Channels – Display the scan **sub-menu** based on different Channel installation modes.

Channel installation mode – Select on-screen display channel sources. You can select the signal type.

- **Antenna** – Set the signal type to antenna. When set to Antenna, the TV can receive analog and digital (DVBT/T2) broadcasting signals.
- **Cable** – Set the signal type to cable. When set to Cable, the TV can receive analog and QAM broadcasting signals.

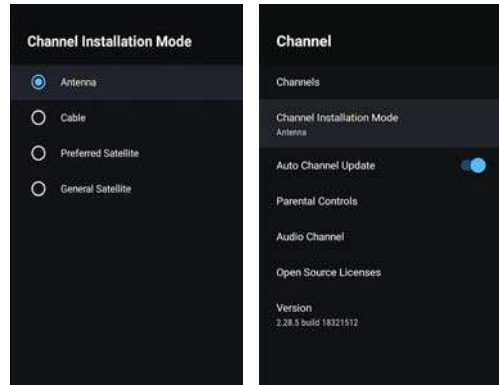
Auto Channel Update

Parental controls – Press **▲/▼** button to select the option then press **OK** button to enter the sub-menu.

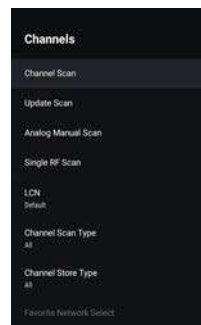
Audio Channel – Press **▲/▼** button to select the option then press **OK** button to enter the sub-menu.

Open source licenses – Press **▲/▼** button to select the option then press **OK** button to enter the sub-menu.

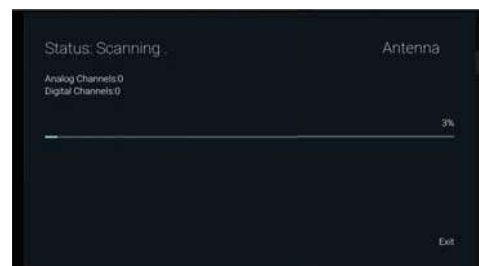
Antenna



1. Menu->Settings->Channel->Channel Installation Mode enter, choose Antenna.



2. Enter Menu->Settings->Channel->Channels.

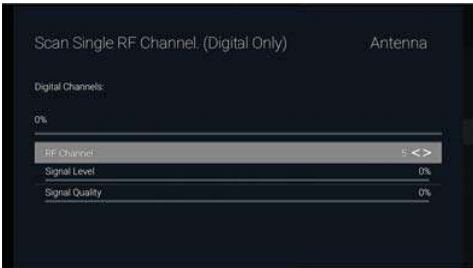


3. Channel Scan directly enters the ATV+DTV automatic search platform interface of Antenna.

Update Scan: Re-automatically search for frequency points outside the station.

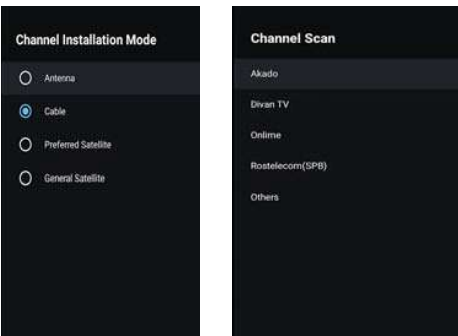


Analog Manual Scan: Manual ATV search station. After input the frequency point, you can select up or down search station.

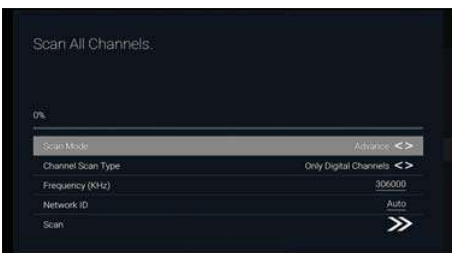


Single RF Scan: DTV manual search, left and right after selecting RF Channel, directly OK search.

Cable



1. Menu->Settings->Channel->Channel Installation Mode, select Cable.
2. Enter Menu->Settings->Channel->Channels.



3. Enter Channel Scan, where Akado, Divan TV, Online and Rostelecom (SPB) are the local operators, and the default Scan Mode is Advance; Others have Advance, Quick and Full Scan modes.



Single RF Scan: manual search station.

DEVICE PREFERENCES

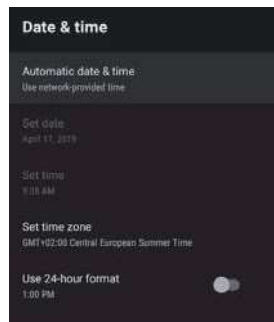
ABOUT



In this menu, you can read the information and settings of TV.

1. Press ▲/▼ button to select what you want set .
2. Press OK button to adjust.
3. After finishing your adjustment, Press BACK button to return to the previous menu.

DATE&TIME



Automatic date & time – Press ▲/▼ button to select the option then press OK button to enter the sub-menu. (Optional: Use network-provided time, Off)



- Manually adjusting date & time settings will automaticall change the **Automatic date & time** to **OFF** .

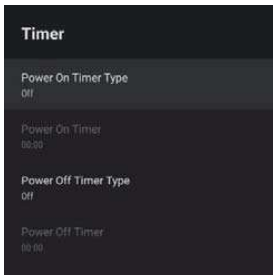
Set date – Press ▲/▼ button to select the option then press OK button to enter the sub-menu.

Set time – Press ▲/▼ button to select the option then press OK button to enter the sub-menu.

Set time zone – Press ▲/▼ button to select the option then press OK button to enter the sub-menu.

Use 24-hour format – Press ▲/▼ button to select the option then press OK button to choose ON/OFF.

TIMER



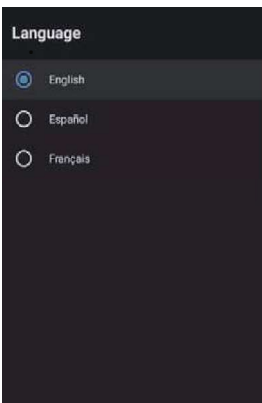
Power On Timer Type – Press ▲/▼ button to select the option then press OK button to choose ON/OFF/ONCE.

Power On Timer – Press ▲/▼ button to select the option then press OK button to enter the sub-menu.

Power Off Timer Type – Press ▲/▼ button to select the option then press OK button to choose ON/OFF/ONCE.

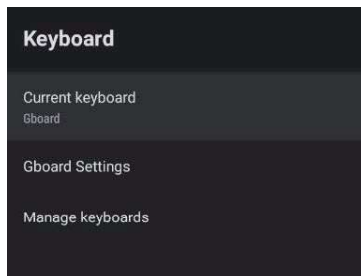
Power Off Timer – Press ▲/▼ button to select the option then press OK button to enter the sub-menu.

LANGUAGE



Language – Press ▲/▼ button to select the option then press OK button to enter the select language.

KEYBOARD

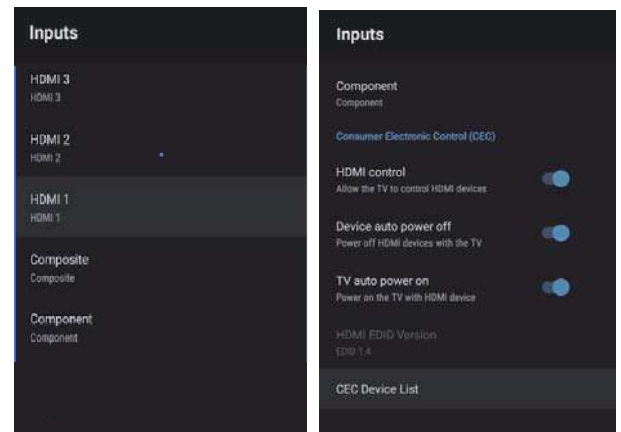


Current keyboard – Press ▲/▼ button to select the option then press OK button to enter the sub-menu.

Gboard Settings – Press ▲/▼ button to select the option then press OK button to enter the sub-menu.

Manage keyboards – Press ▲/▼ button to select the option then press OK button to enter the sub-menu.

INPUTS



Inputs – Press ▲/▼ button to select the option then press OK button to enter the sub-menu.

HDMI control – Press ▲/▼ button to select the option then press OK button to choose ON/OFF.

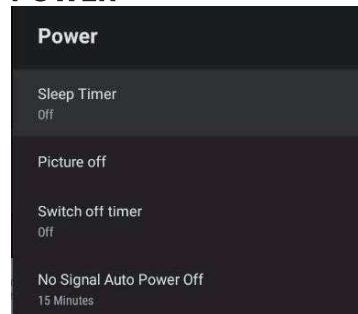
Device auto power off – Press ▲/▼ button to select the option then press OK button to choose ON/OFF.

TV auto power on – Press ▲/▼ button to select the option then press OK button to choose ON/OFF.

HDMI EDID Version – show EDID version.

CEC Device List – Press ▲/▼ button to select the option then press OK button to enter the sub-menu.

POWER



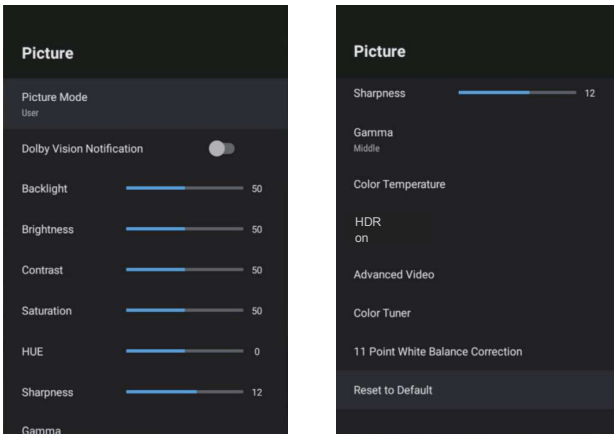
Sleep Timer – Press ▲/▼ button to select the option then press OK button to enter the sub-menu. (Optional: off, 10 minutes, 20 minutes, 30 minutes, 40 minutes, 50 minutes, 60 minutes, 90 minutes, 120 minutes).

Picture off – Press ▲/▼ button to select the option then press **OK** button to choose ON/OFF.

Switch off timer – Press ▲/▼ button to select the option then press **OK** button to enter the sub-menu. (Optional: off, 30 minutes, 60 minutes, 90 minutes, 120 minutes, 150 minutes, 180 minutes, 210 minutes, 240 minutes)

No Signal Auto Power Off – Press ▲/▼ button to select the option then press **OK** button to enter the sub-menu. (Optional: off, 5 minutes, 10 minutes, 15 minutes, 30 minutes, 60 minutes).

PICTURE



Picture Mode – Press ▲/▼ button to select the option then press **OK** button to enter the sub-menu. (Optional: user, Standard, Vivid, Sport, Movie, Game, Energy saving).

Backlight/Brightness/Contrast/Saturation/HUE/Sharpness – Press ▲/▼ button to select the option. Press ◀ to decrease the parameter. Press ▶ to increase the parameter.

Gamma – Press ▲/▼ button to select the option then press **OK** button to enter the sub-menu. (Optional: Dark, middle, Bright).

Color Temperature – Press ▲/▼ button to select the option then press **OK** button to enter the sub-menu. picture format – Press ▲/▼ button to select the option then press **OK** button to enter the sub-menu. (Optional: Automatic/Super zoom/4:3/Movie expand 14:9/Movie expand 16:9/Wide screen/Full/Unscaled)

HDR – Press ▲/▼ button to select the option then press **OK** button to enter the sub-menu. (Optional: on, off).

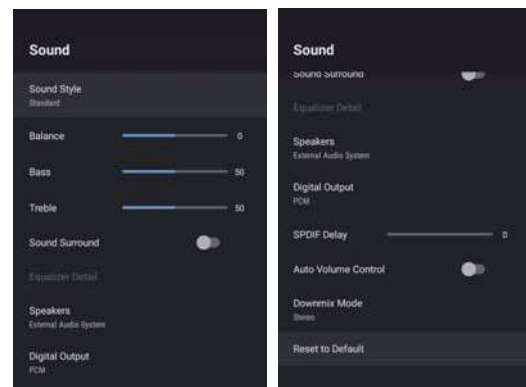
Advanced Video – Press ▲/▼ button to select the option then press **OK** button to enter the sub-menu.

Color Tuner – Press ▲/▼ button to select the option then press **OK** button to enter the sub-menu.

11 Point White Balance Correction – Press ▲/▼ button to select the option then press **OK** button to enter the sub-menu.

Reset to Default – Reset all settings to the factory defaults.

SOUND



Sound style – Press ▲/▼ button to select the option then press **OK** button to enter the sub-menu. (Optional: user, Standard, Vivid, Sports, Movie, Music, News).

Balance/ Bass/ Treble – Press ▲/▼ button to select the option. Press ◀ to decrease the parameter. Press ▶ to increase the parameter.

Sound Surround – Press ▲/▼ button to select the option then press **OK** button to choose ON/OFF.

Equalizer Detail – Press ▲/▼ button to select the option then press **OK** button to enter the sub-menu.

Speakers – Press ▲/▼ button to select the option then press **OK** button to enter the sub-menu. (Optional: TV Speaker, External Audio System).

Digital Output – Press ▲/▼ button to select the option then press **OK** button to enter the sub-menu. (Optional: Auto, Bypass, PCM, Dolby Digital Plus, Dolby Digital).

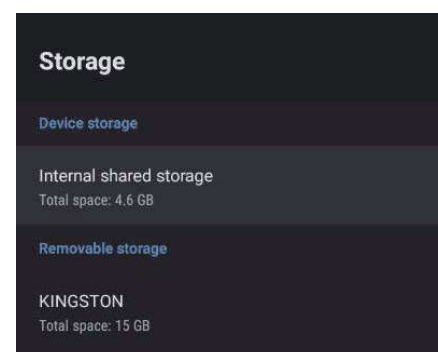
SPDIF Delay – Press ▲/▼ button to select the option. Press ◀ to decrease the parameter. Press ▶ to increase the parameter.

Auto Volume Control – Press ▲/▼ button to select the option then press **OK** button to choose ON/OFF.

Downmix Mode – Press ▲/▼ button to select the option then press **OK** button to enter the sub-menu. (Optional: Stereo, Surround).

Reset to Default – Reset all settings to the factory defaults.

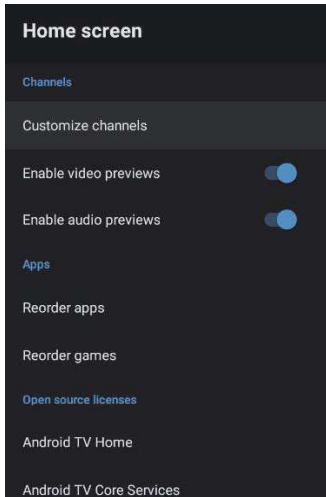
STORAGE



Internal shared storage – Press ▲/▼ button to select the option then press **OK** button to enter the sub-menu.

Removable Storage – Press ▲/▼ button to select the option then press **OK** button to enter the sub-menu. (Note: Show external devices if available)

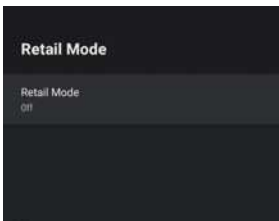
HOME SCREEN



In this menu, you can set channels, apps, open source licenses.

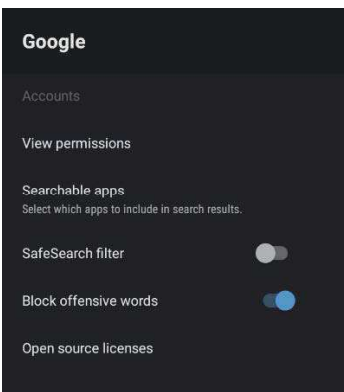
1. Press ▲/▼ button to select what you want set.
2. Press **OK** button to adjust.
3. After finishing your adjustment, Press **BACK** button return to the previous menu.

STORE MODE



Store mode – Press ▲/▼ button to select the option then press **OK** button to choose ON/OFF.

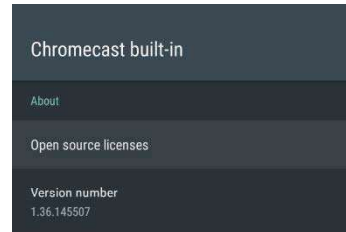
GOOGLE



In this menu, you can set searchable apps, safe search filter, block offensive words, open source licenses.

1. Press ▲/▼ button to select what you want set.
2. Press **OK** button to adjust.
3. After finishing your adjustment, Press **BACK** button return to the previous menu.

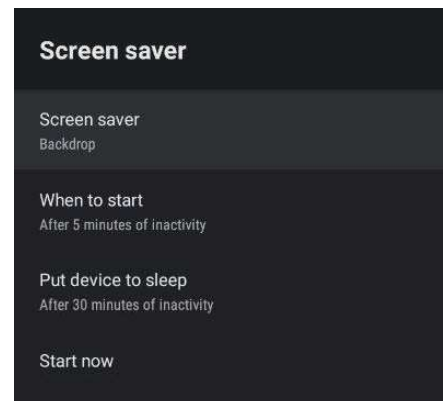
CHROMECASTBUILT-IN



In this menu, you can read the information and settings of Chromecast

1. Press ▲/▼ button to select what you want set.
2. Press **OK** button to adjust.
3. After finishing your adjustment, Press **BACK** button return to the previous menu.

SCREEN SAVER



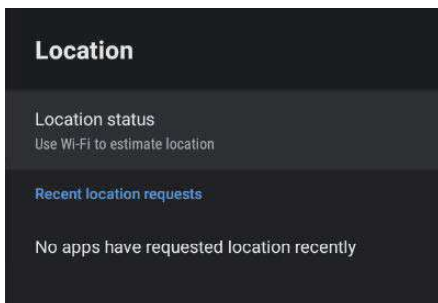
Screen saver – Press ▲/▼ button to select the option then press **OK** button to enter the sub-menu. (Optional: 5 minutes, 15 minutes, 30 minutes, 1 hours, 2 hours).

When to Start – Press ▲/▼ button to select the option then press **OK** button to enter the sub-menu. (Optional: 5 minutes, 15 minutes, 30 minutes, 1 hour, 2 hours).

Put device to sleep – Press ▲/▼ button to select the option then press **OK** button to enter the sub-menu. (Optional: 30 minutes, 1 hour, 3 hours, 6 hours, 12 hours, Never).

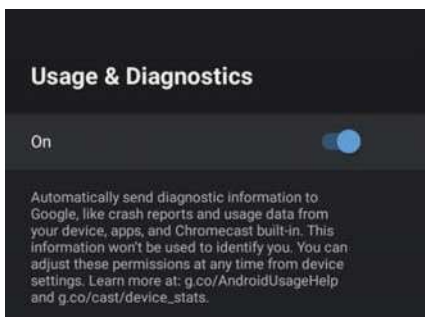
Start now – Press ▲/▼ button to select the option then press **OK** button to enter screen saver.

LOCATION



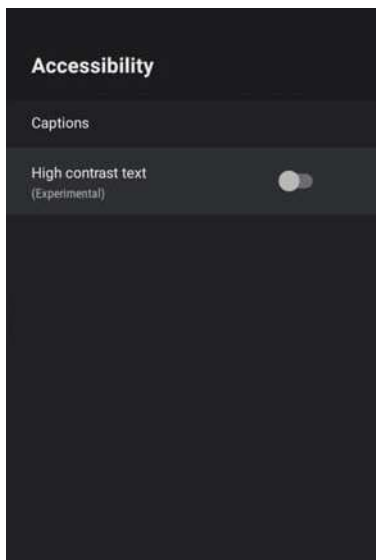
Location status – Press ▲/▼ button to select the option then press **OK** button to enter the sub-menu.
(Optional: Use Wi-Fi to estimate location, Off)

USAGE & DIAGNOSTICS



Usage & diagnostics – Press ▲/▼ button to select the option then press **OK** button to choose ON/OFF.

ACCESSIBILITY



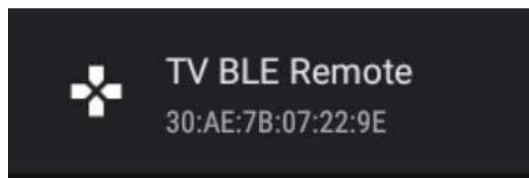
Captions – Press ▲/▼ button to select the option then press **OK** button to enter the sub-menu.

High contrast text – Press ▲/▼ button to select the option then press **OK** button to choose ON/OFF.

RESET

Press **OK** button to enter the sub-menu.
Reset-Erase everything.

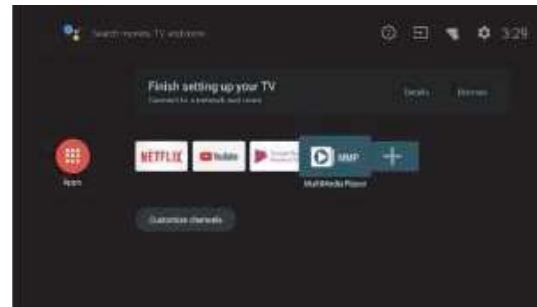
REMOTE&ACCESSORIES



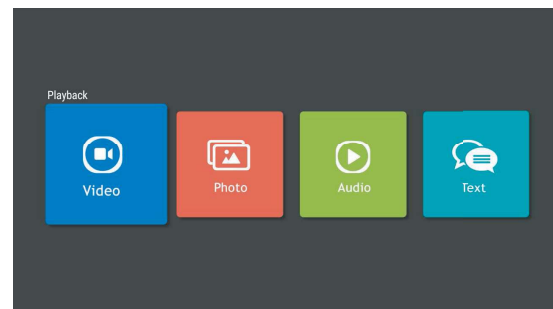
In this menu, you can pair Bluetooth devices.

1. Press the "**HOME**" and "**LEFT**" buttons at the bottom of the remote control for 5 seconds.
2. When the LED starts to flash, release it. The remote controller will send the pairing signal to the TV and display the information of the remote control on the right side of the screen.
3. Press the **OK** button to display the pairing. If the paired is displayed, the connection is successful.
4. If the couldn't pair appears, the connection fails. Wait 30 seconds and then press the "**HOME**" and "**LEFT**" buttons at the bottom of the remote control for 5 seconds to repeat the previous steps.
5. Press **BACK or EXIT** button return to the previous menu.

ADD AND USE OF MULTI MEDIA PLAYER



1. In the HOME interface, select the + icon in the APP column to add the application, and click OK. Press up and down to select the MultiMediaPlayer application, and click OK to add it to the HOME interface.



2. Select OK key to enter MultiMediaPlayer and display Video, Photo, AudioText. After inserting the usb flash drive, you can view the corresponding files in the usb flash drive.

NOTE

The menu may be different depending on when you purchased the TV.

SPECIFICATIONS

HDMI INPUT

Mode	Resolution	Horizontal Frequency (KHz)	Vertical Frequency (Hz)
480i	720 x 480i	15.73	59.94/60
576i	720 x 576i	15.63	50
480p	720 x 480p	31.47	59.94/60
576p	720 x 576p	31.26	50
720p	1280 x 720p	37.50	50
		44.96	59.94/60
1080i	1920 x 1080i	28.13	50
		33.75	59.94/60
1080p	1920 x 1080p	56.25	50
		67.5	59.94/60

COMPONENT VIDEO (YPbPr) INPUT

Mode	Resolution	Horizontal Frequency (KHz)	Vertical Frequency (Hz)
480i	720 x 480i	15.73	59.94/60
576i	720 x 576i	15.63	50
480p	720 x 480p	31.47	59.94/60
576p	720 x 576p	31.26	50
720p	1280 x 720p	37.50	50
		44.96	59.94/60
1080i	1920 x 1080i	28.13	50
		33.75	59.94/60
1080p	1920 x 1080p	56.25	50
		67.5	59.94/60

Due to continuous product development, specifications are subject to change without prior notice.

TROUBLESHOOTING

Please make these simple checks before calling service. These tips may save you time and money since charges for receiver installation and adjustments of customer controls are not covered under your warranty.

Symptoms	Items to Check and Actions to Follow
"Ghost" or double image	<ul style="list-style-type: none"> • This may be caused by obstruction to the antenna due to high rise buildings or hills. Using a highly directional antenna may improve the picture.
No power	<ul style="list-style-type: none"> • Check if the TV's AC power cord is plugged into the outlet. • Unplug the TV, wait for 60 seconds. Then reinsert plug into the outlet and turn on the TV again.
No picture	<ul style="list-style-type: none"> • Check antenna connections at the rear of the TV to see if it is properly connected to the TV. • Possible broadcast station trouble. Try another channel. • Adjust the contrast and brightness settings. • Check the Closed Captions control. Some TEXT modes could block the screen.
Good picture but no sound	<ul style="list-style-type: none"> • Increase the volume level by pressing the VOL+ button on the remote control or on the TV side control panel. • Press the MUTE button on the remote control to ensure mute is off.
Good sound but poor color	<ul style="list-style-type: none"> • Adjust the contrast, color and brightness settings.
Poor picture	<ul style="list-style-type: none"> • Poor picture quality may occur when an activated S-VHS camera or camcorder is connected to your TV and other peripherals at the same time. Switch off one of the peripherals.
Snowy picture and noise	<ul style="list-style-type: none"> • Check the antenna connection.
Horizontal dotted line	<ul style="list-style-type: none"> • This may be caused by electrical interference (e.g. hair dryer, nearby neon lights, etc.) Turn off the equipment.
Television not responding to remote control	<ul style="list-style-type: none"> • Check whether the batteries are working. Replace if necessary. • Clean the remote control sensor lens on the TV. • You can still use the buttons on the side of your TV.
Pixels (dots) that are always dark or always lit	<ul style="list-style-type: none"> • Your TV is precision-manufactured using an extremely high level of technology. However, sometimes pixels may not display correctly. These types of occurrences are inherent to this type of product and do not constitute a defective product.

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