



androidtv

**24" SMART HD LED TV**

**SERIES 9 RT9220 (KALED24RT9220SVA)**

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## THIS USER GUIDE COVERS THE FOLLOWING MODELS

Kogan 24" SMART HD LED TV (Series 9 RT9220)

# SAFETY INFORMATION



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating in the literature accompanying the appliance.



**Warning**  
The lightning flash with arrowhead symbol within an equilateral triangle, is intended to alert the user to the presence of uninsulated dangerous voltage within the products enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



## CAUTION

**RISK OF ELECTRIC SHOCK  
DO NOT OPEN**

High, voltage are used in the operation of this product to reduce the risk of elect shock, do not remove cover of the cabinet, refer servicing to qualified service personal.

If the TV any changes or coarse adjustment, electric shocks to be hurt, do not attempt to open a machine-maintenance, customer contact centres needed overhaul.

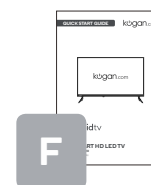
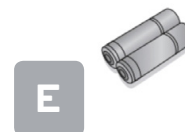
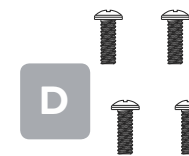
# IMPORTANT SAFETY PRECAUTIONS

- 1) Read these instructions. 2) Keep these instructions. 3) Heed all warnings. 4) Follow all instructions.
- 5) Do not use his apparatus near water. 6) Clean only with dry doth.
- 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 caution when moving the cart/apparatus combination to avoid injury tip-over.
- 13) Unplug this apparatus during lightning storms or when unused for long periods of time. Caution:
- 14) To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.
- 15) The mains plug is used as disconnect device, the disconnect devices hall remain readily operable.
- 16) The socket-out shall be installed near the equipment and shall be easily accessible.
- 17) This product should never be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacture's instructions have been adhered to.
- 18) The apparatus shall not be exposed to dripping or splashing and that no objects filed with liquid, such as vases, shall be placed on the apparatus.
- 19) Do not place any sources of danger on the apparatus (e.g. liquid filled objects, lighted candles).
- 20) Wall or Ceiling Mounting-The appliance should be mounted to a wall or ceiling only as recommended by the manufacturer.
- 21)  Never place the TV, remote control or batteries near naked flames or other heat sources, including direct sunlight. To prevent the spread of fire, keep candles or other flames away from the TV, remote control and batteries at all times.
- 22) P The USB terminal should be loaded with 0.5A under normal operation. 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.
- 23) The battery shall not be exposed to excessive heat such as sunshine, fire or the like.
- 24)  This equipment is a Class II or double insulated electrical appliance. It has been designed in such a way that it does not require a safety connection to electrical earth
- 25) The maximum using environment temperature is 45 degrees. The Maximum using altitude is 2000 meters





# COMPONENTS



**A** Kogan 24" SMART HD LED TV

**B** Remote control

**C** Stand (x2)

**D** Ba4 x 18mm screw (x4)

**E** AAA battery (x2)

**F** Quick-start guide

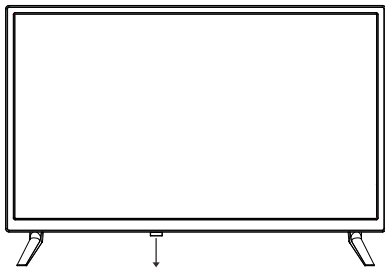
**G** Warranty card

## NOT INCLUDED

Phillips head screwdriver, antenna cable, broadband internet connection.

# TV BUTTONS AND TERMINAL INTERFACE





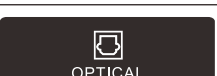

Note: The following is only functional schematic,And the actual position and arrangement of different models may be different.



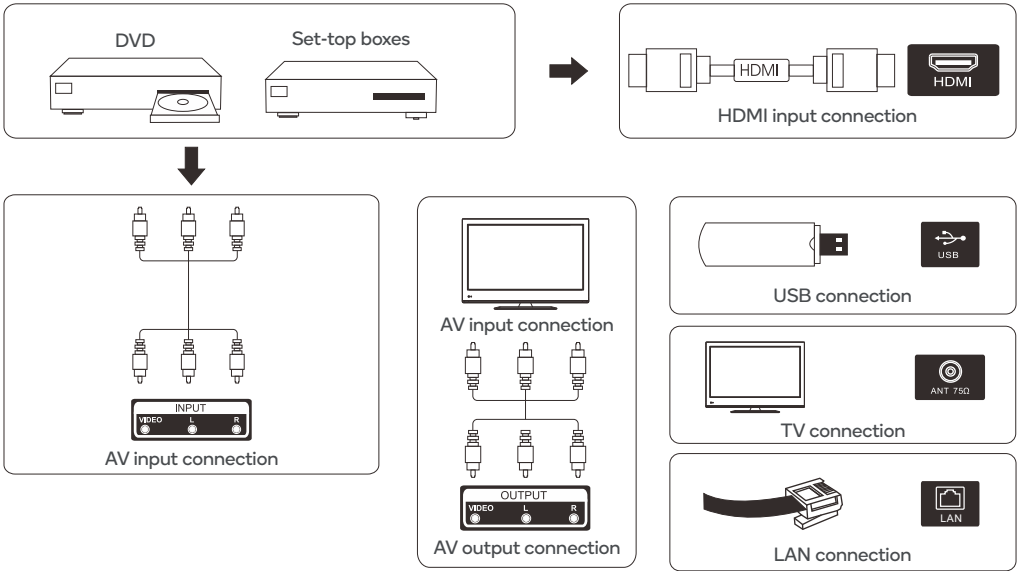
Press this button in standby mode to turn on/off the TV.

## Terminal Interface

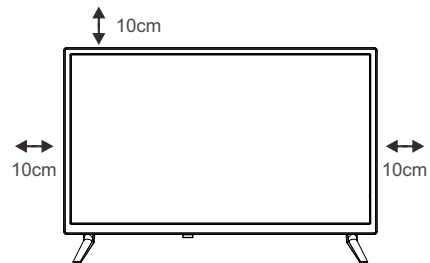
Note: The following are the various terminal interface,the actual position and arrangement, the number of different models may be different.

	<b>AV input</b> External Av Signal Input.
	<b>HDMI input</b> Digital signal input from HDMI video connector.
	<b>ANT 75</b> Connect the antennal/cadle tv input (75/VHF/UHF).
	<b>USB input</b> Connect a USB device here to play its media files or to record programs via the PVR function.
	<b>OPTICAL output</b> Connect the SPDIF receiver.
	<b>LAN</b> Connect the Internet.

# EXTERNAL DEVICE CONNECTION DIAGRAM



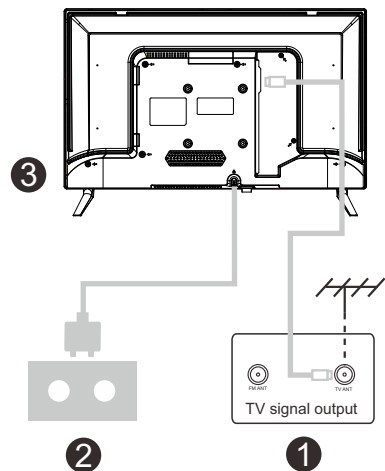
## TV INSTALL AND CONNECT



### Set your TV

To put your TV on a firm place which can bear the weight of the TV.

To avoid danger, please don't position the TV near water or heating place (such as light, candle, heating machine), do not block the ventilation at the back of TV.



### Connect antenna and power

1. Connect the antenna cable to the antenna socket on the back of the TV.

2. To plug the power cord of TV (AC 100-240V~ 50/60Hz).

### Turn on TV

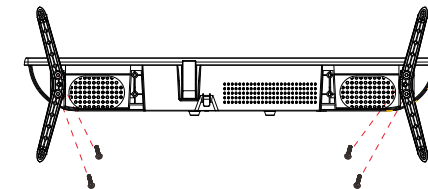
3. Connect the power supply, enter the standby mode (red light), press the power button of the TV or the power button on the remote control to turn on the TV.

### Note:

Picture for reference purposes only.

## TV STAND INSTALLATION INSTRUCTIONS

1. Open the carton and remove the TV and scattered accessories and base (some models without base).
2. In order to avoid damaging the TV, please cover it with soft mattress, put it on the table, face down on the soft material and screw the neck of the base to the TV.
3. screw the base and connected to the TV.
4. the installation is complete.



### Note:

Picture for reference purposes only.  
Please prevail in kind

# REMOTE CONTROL OVERVIEW



- 1 : Switches the TV between on and standby mode
- 2 : Microphone hole
- 3 : Mute or restore TV sound
- 4 0~9 : Figures 0-9 are used to directly input channel number
- 5 : Press to display Electronic Program Guide and select the favorite channel
- 6 : Press to start recording the program
- 7 : Press to info the source and channel's info
- 8 : Google Assistant

- 9 **VOL +** : Increase the volume
- 10 **VOL -** : Decrease the volume
- 11 **CH +** : Increase the program
- 12 **CH -** : Decrease the program
- 13 : Displays the OSD(On Screen Display) menu
- 14 : Display/Select signal source options
- 15 : To confirm the choice with program the highlighted menu item



- 16 : Press these buttons to select items
- 17 : Press these buttons to select and adjust items
- 18 : Go back to the previous step
- 19 : Press to exit the OSD menu
- 20 : Displays the home screen
- 21 : Connects to NETFLIX for viewing online TVshows and films(internet connection required).
- 22 : Connects to YouTube (internet connection required).
- 23 : Accesso diretto a Amazon Prime Video
- 24 : To open app homepage

- 25 **Colour Buttons** : Press these buttons according to different prompts
- 26 : Press to fast reverse in USB mode
- 27 : Press to fast forward in USB mode
- 28 : Press to play the video and press again to pause the video
- 29 : SUBT
- 30 : Press to enter Teletext when play the program
- 31 : Press to change the language when playing the stream which contains multi-language

# INITIAL INSTALLATION

## 1. Initial Installation

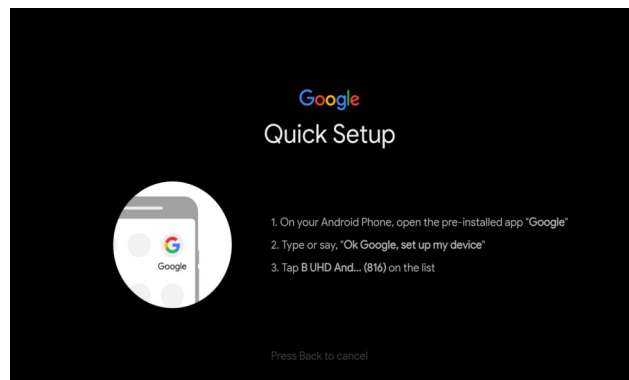
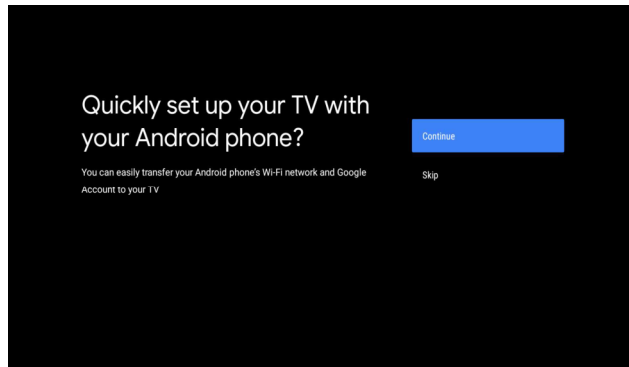
The first time you switch the TV on, the initial step screen appears which guides you through the initial process. Please according to the Text Tips to finish initial installation.

### 1.1 Language select

-> Press **▲/▼** remote control to select the language option, then click **【OK】** to confirm.

### 1.2 Quickly set up your TV with your Android phone? (Continue/skip) Steps:

1. On your Android Phone, open the Pre-installed app "Google".
2. Type or say, "Ok Google, set up my device".
3. Tap the model name on the list.



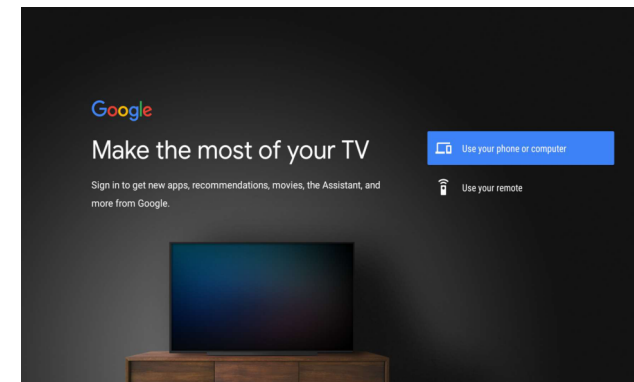
### 1.3 Configure the network

-> Select wired or wireless to connect to internet.

-> If you select skip, it could be performed in homepage or settings menu.

### 1.4 Google Account Sign in

Sign in to get new apps, recommendations, movies, the Assistant, and more from Google. Two ways to login Google account:

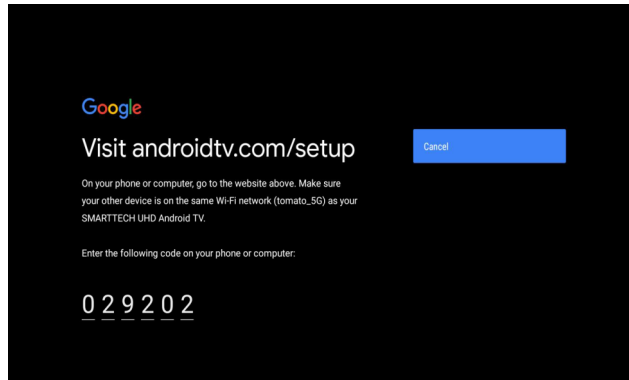


-> Use your phone or computer:

1. Visit [androidtv.com/setup](https://androidtv.com/setup) on your phone or computer, Make sure your other device is on the same Wi-Fi network as your Android TV™

# INITIAL INSTALLATION

2. Enter the display code on your phone or computer



-> Use your remote:

Use the remote to enter your Google account and password to sign in to Google account.

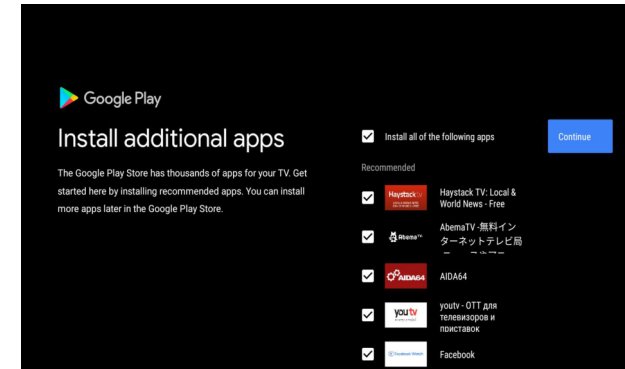
## 1.5 Google setting

In these steps you will setup the Terms of Service, Location, Help improve Android, Google Assistant and additional Google functions.

## 1.6 Play Auto Installs

Select install or un-install the recommended apps and Google apps by using this process.

-> Press "Continue" to the next setting page.

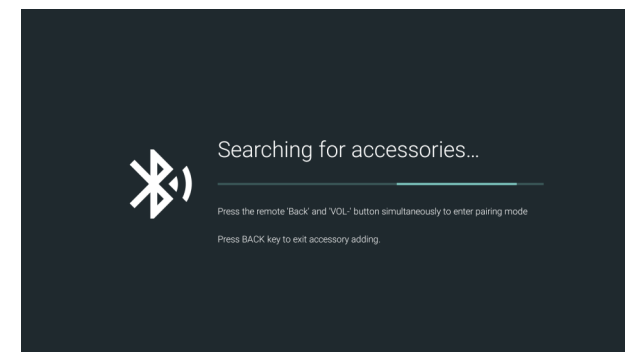


## 1.7 Pairing Bluetooth Remote

-> Press 'BACK' and 'VOL-' simultaneously on remote control to enter the Bluetooth pairing mode. The Indicator light on remote control will flash when enter the pairing mode.

-> Press 【OK】 to begin pairing.

-> Press 'BACK' on remote control to skip the pairing mode.



# INITIAL INSTALLATION

## 1.8 Country select

->Press **▲** / **▼** on remote control to select the country option, then click **【OK】** to confirm.

## 1.9 Set the TV password for Parental Controls, "0000" is invalid.

## 1.10 Select TV mode(Home/Retail)

Home mode is optimized for efficient energy usage for home use.

Retail mode is optimized to store demo with fixed settings.

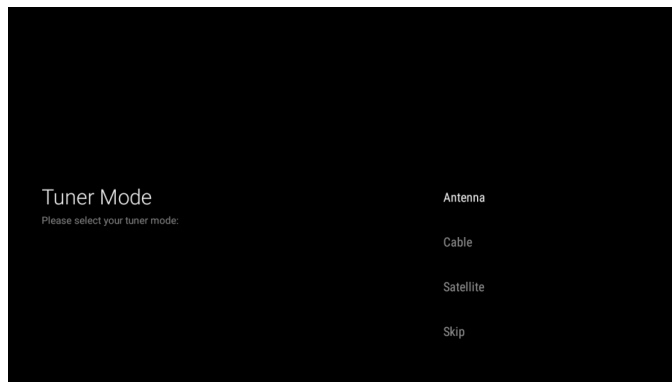
## 1.11 Chromecast built-in™

Select On/Off to make Chromecast built-in available.

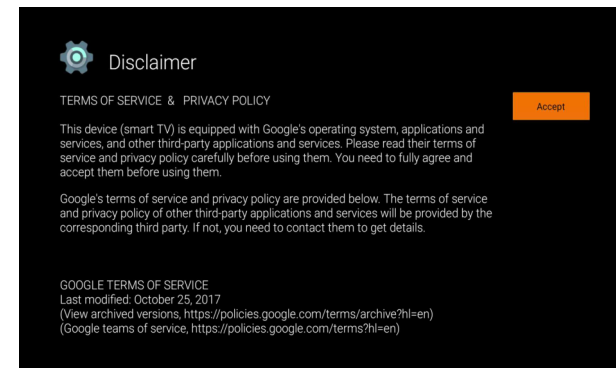
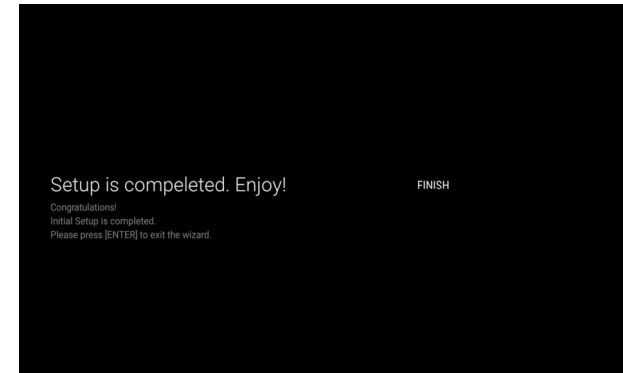
## 1.12 TV Channel Setting

->Select Antenna/Cable/Satellite to scan TV channel.

->If you select skip, the channel scan could be performed in menu.





## 1.13 Setup completed and Disclaimer Terms



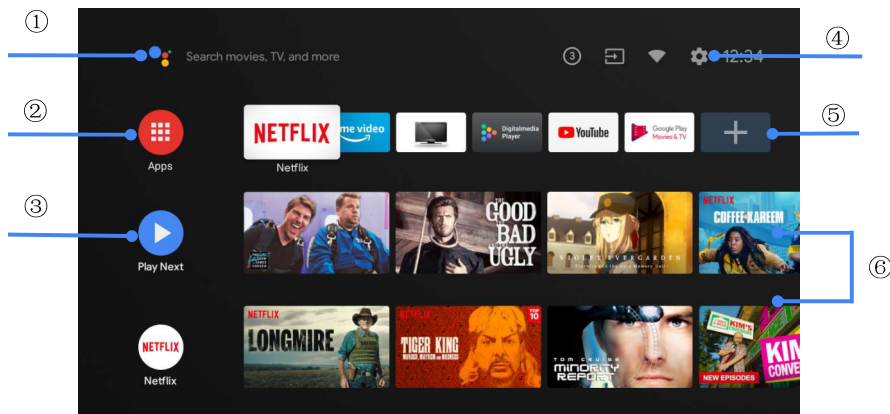
# HOME

## 2. HOME

When initial setup is complete, the TV will enter the homepage by default, or press  on remote control to display the homepage.

-> Press  on remote control to switch between Google Assistant, Apps, Play Next, Netflix, YouTube, and more on the Homepage.

-> Press **【OK】** to enter.



### ① **Google Assistant**

Use your voice to jump to shows, control devices, and more—with Google Assistant

### ② **Apps**

List of downloaded and pre-loaded apps on your device

### ③ **Play Next**

Based on your watch history and includes next episode in a series or unfinished movies

### ④ **Settings**

Manage apps and TV controls, change preferences, sounds, and account

### ⑤ **Favorite apps**

Quick access to frequently used apps

### ⑥ **Channels**

For easy content discovery



# SETTINGS

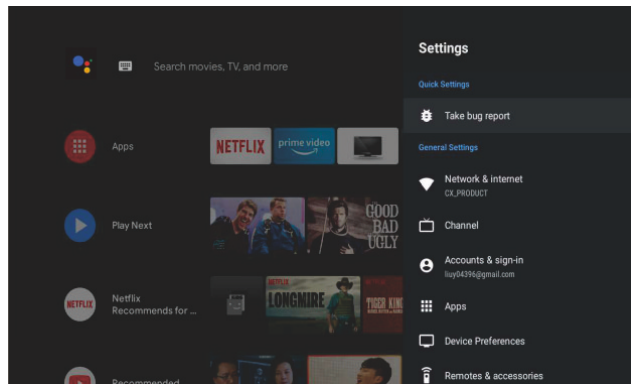
## 3.Settings

Allows to set various performance of your TV.

-> Press </> on remote control to select "Settings" which is in the upper right corner of the screen.

-> Press ^/v on remote control to select the option which you want to adjust in the Settings menu.

-> Press 【OK】 to enter.



### 3.1 Network&internet

Adjust all network setting and check connection if you have connection problems.

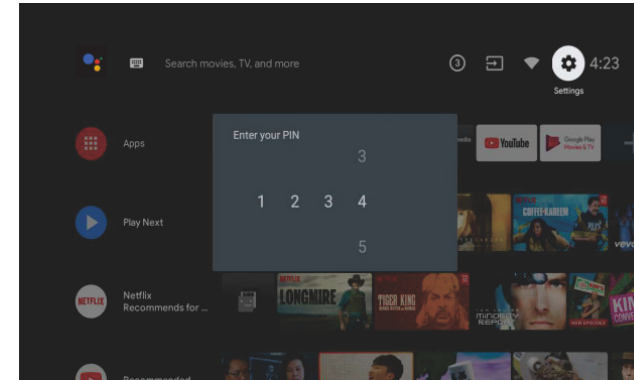
-> Press ^/v remote control to select "Network&internet" in the settings menu.

-> Press ^/v remote control to select: Wi-Fi/Add new network/Scanning always available/Proxy settings/IP settings.

### 3.2 Channel

-> Press ^/v on remote control to select "Channel" menu.

-> Press 【OK】 to enter "Parental Controls", then click ^/v or use the number buttons on remote control to enter your PIN (Password for Parental Controls).



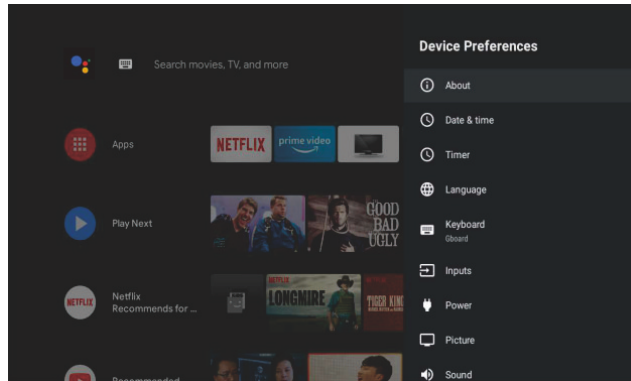
### 3.3 Device Preferences

-> Press ^/v on remote control to select "Device Preferences".

-> Press ^/v on remote control to select the options of About, Date&time, Timer, Language, Inputs, Picture, Sound, Google Assistant, Reset, etc.

# SETTINGS

->Press **[OK]** to jump to the corresponding sub-option.

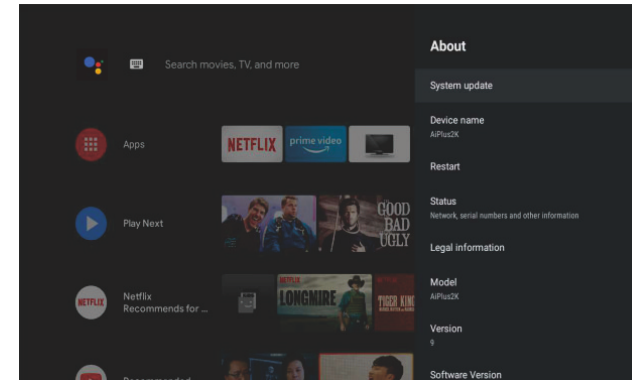


## 3.3.1 About

-> Press **▲/▼** on remote control to select "About".

-> Press **▲/▼** on remote control to check additional information such as System update, Device name, Restart, Status, and more.

-> Press **◀** on remote control to return to the previous menu. Press **EXIT** on remote control to exit the menu.



## 3.3.2 Reset

If select reset, it will erase all data from your device's internal storage, including: your Google account, System and app data and settings, and downloaded apps.

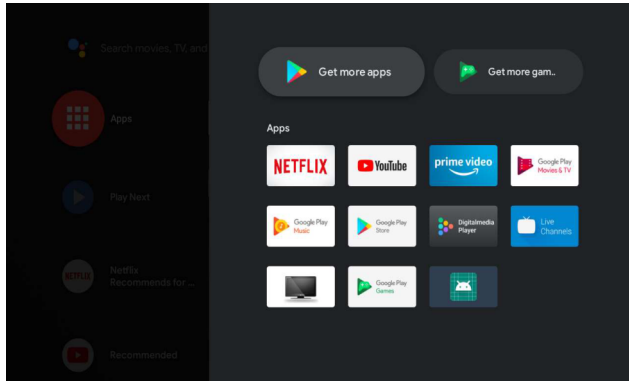
-> Press **▲/▼** on remote control to select "Reset".

-> Press **▲/▼** on remote control to select "Cancel" or "Erase everything".

# APP INSTALL/MOVE/UNINSTALL

## 4 App Install/Move/Uninstall

- > Press  $\wedge$  /  $\vee$  on remote control to select "Apps" on Homepage, then click **【OK】** to enter.
- > Select "Get more apps" and input app name.
- > Select "search" which is in the upper right corner of the page.



Example for "Facebook"

### 4.1 Install

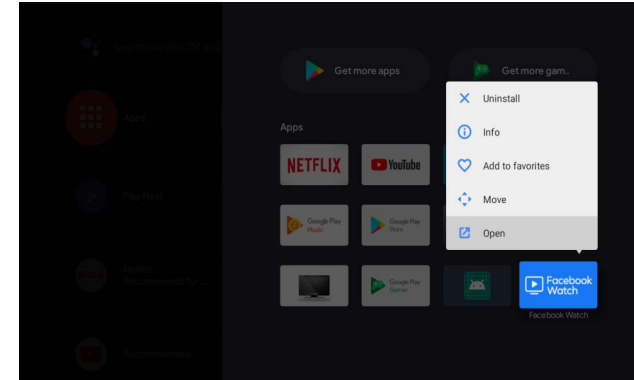
- > Input "Facebook", find "Facebook" App will show in the list, then click **【OK】** to select it.
- > Select "Install", when completed select to open or Uninstall.

### 4.2 Move

- > Select "Facebook", press and hold **【OK】** on remote control, then click  $\wedge$  /  $\vee$  remote control to select "Move"
- > Press  $\wedge$  /  $\vee$  /  $\lt$  /  $\gt$  on remote control to move, then click **【OK】** to confirm.

### 4.3 Uninstall

- > Select "Facebook", press and hold **【OK】** on remote control, then click  $\wedge$  /  $\vee$  on remote control to select "Uninstall".
- > press **【OK】** to uninstall.

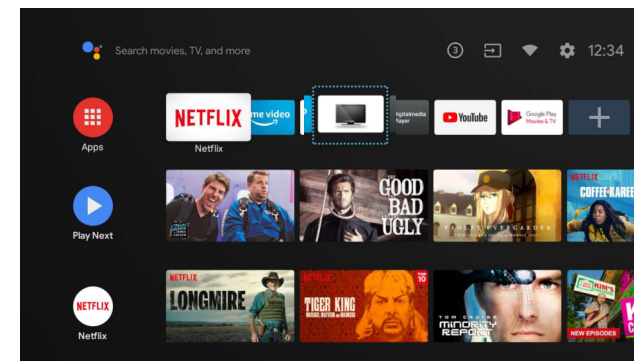


## TV SOURCE SETTING

### 5 TV source setting

The way to enter TV source in Homepage:

- > Press  $\odot$  on remote control or Select "Live TV" on Homepage.

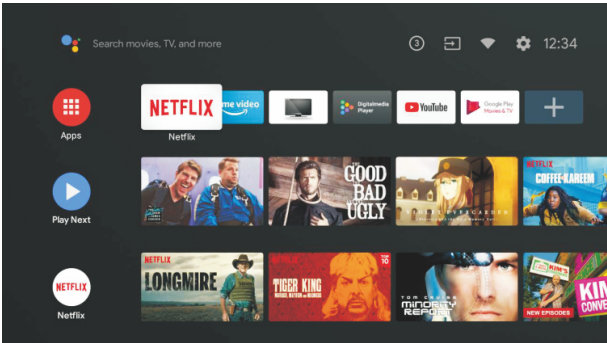


- > Press  $\odot$  on remote control.
- > Press  $\wedge$  on remote control to select "Channels" and select "New Channels Available" to enter.

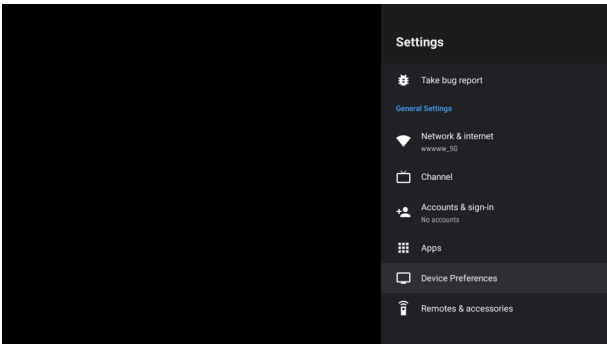
# HOW TO TURN OFF AUTO SLEEP FUNCTION

Menu -> Settings -> Device Preferences -> Power -> Off

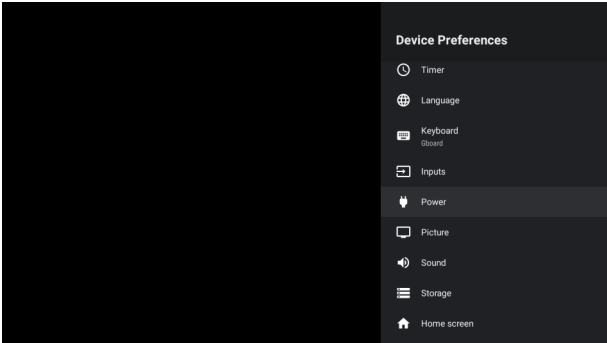
Menu



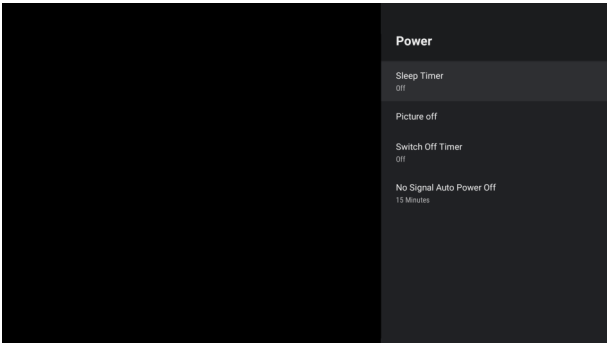
Settings



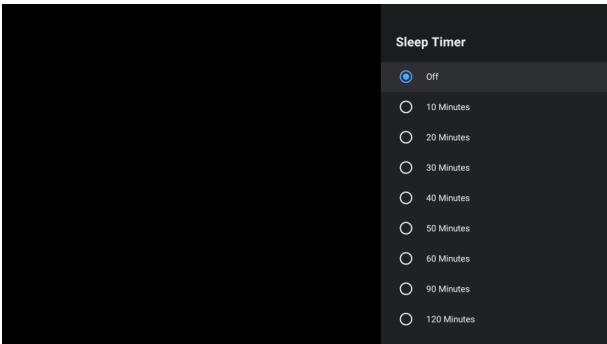
Device Preferences



Power



Off



# SPECIFICATIONS

## Audio

Speakers 2 x 3W

## Connectivity

Ethernet (RJ45) Yes  
HDMI 1.4  
HDMI-ARC Yes | HDMI 1  
HDMI-CEC Yes | HDMI 1, HDMI 2, HDMI 3  
USB 2 x USB 2.0  
Wi-Fi IEEE 802.11b/g/n

## Dimensions

Distance Between Legs 517.5mm  
Without Stand 551 x 328.4 x 70.3mm  
With Stand 551 x 377.1 x 205mm  
VESA Wall Mount Pattern 100 x 100  
Weight 2.4kg

## Display

Colours 16.7M  
Computer Supported Resolutions 640×360, 853x480, 1024x576, 1280x720, 1366x768 (@60Hz)  
Contrast Ratio 3000:1  
Native Aspect Ratio 16:9  
Refresh Rate 60Hz  
Resolution 1366 x 768  
Response Time 8.5ms  
Size 24"  
Viewing Angle 178°/178°

## Features

EPG Yes  
HDCP Yes | 2.2  
TV Resolution HD  
Browser No

USB Media Playback Yes

USB Media Playback Formats JPG, JPEG, PNG, BMP, MP3, DD, DD+, AAC, MPG, MPEG4, H.265, VP9 (4K@60P)

## Inputs

Composite (AV) 1  
HDMI 3

## Outputs

Optical Audio Out 1

## Performance

CPU ARM Cortex A53 quadcore 1.1GHz  
GPU Mali470 MP3  
OS Android 9.0  
RAM 1GB  
Storage Capacity 8GB

## Power

Average Consumption 36W  
Energy Consumption 70kWh per year  
Energy Rating 5.5 Star

## Tuning And Signal

Tuner Type DVB-T

Note:

- Design and specifications are subject to change without notice.
- Weight and dimension shown are approximate.

# TROUBLESHOOTING

## Common fixes

**Many minor issues can be resolved by hard resetting, or power cycling the unit or upgrading the firmware.**

**To perform a hard reset, or power cycle, please use the following steps.**

- Unplug it from the main power socket and leave it for 10-15 minutes.
- Press and hold the power button on the TV for 5 seconds.
- Connect the TV back to the power and turn it on.

### Poor picture and sound quality

- Try a different channel
- Adjust the antenna
- Check all connections

### No picture or sound in TV status

- Try another channel
- Press the TV/AV button
- Make sure TV is plugged in
- Check the antenna connection

### No sound or sound is too low at maximum volume

- Check the volume settings on any external speakers connected to your television
- Adjust the TV volume accordingly
- Check another channel or input
- Check that MUTE hasn't been turned on

### Picture rolls vertically

- Check all connections

### No colour, wrong colour or tints

- Make sure the program itself is broadcast in colour
- Select the picture menu, then adjust the colour and tint submenus

### Blurred or snowy picture, distorted sound

- Check direction, location and connections to your antenna
- Issues may be caused by the use of an indoor antenna (poor signal)

### Remote control malfunctions

- Replace remote control batteries
- Check battery terminals
- Remote is out of range, move closer to TV
- Remove any obstructions between remote and IR sensor of TV
- Make sure the power cord to your TV is plugged in and turned on

### Image is not centred on the screen

- Adjust the horizontal and vertical position

### "No Signal" on HDMI source

- Test the device with a different HDMI cable
- Plug the device into another HDMI port
- Try a different device connected to the same cable and port
- Perform a factory reset on your TV

## Care & maintenance

Unplug the television from the power supply before cleaning. Do not use any liquid cleaners or harsh chemicals. Always use a soft, damp cloth.

### Cleaning the screen

Wet a soft cloth in a mixture of lukewarm water and a little fabric softener or dish washing detergent. Wring the cloth until it's almost dry, and then use it to wipe the screen.

Make sure the excess water is off the screen, and then let it air-dry before you turn on your TV.

### Cleaning the casing

To remove dirt or dust, wipe the TV casing with a soft, dry, lint-free cloth. Please be sure not to use a wet cloth.

**For our full TV troubleshooting guide, head online to [help.kogan.com](https://help.kogan.com)**