androidtv

40” SMART FULL HD LED TV
SERIES 9 QF9000 (KALED40QF9000SKA)
Thank you for buying this Kogan product. Please read all safety instructions before using your TV.

**SAFETY AND WARNINGS**

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.

- To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.
- The apparatus shall not be exposed to dripping or splashing, and no objects filled with liquids, (for example, vases), shall be placed on the apparatus.
- When discarding used batteries, always be mindful of the environment. Ensure you follow any guidelines for recycling and safe disposal of batteries that apply in your local area. Don’t throw used batteries in rubbish bin.
- When installing your TV, maintain a distance of at least 10 cm between the TV and other objects (walls, cabinet sides, etc.) to ensure proper ventilation. Failing to maintain proper ventilation may result in a fire or a problem with the product caused by an increase in its internal temperature.
- The openings/slots on the back of the apparatus have been provided for necessary ventilation. Ventilation should not be impeded by blocking these openings in any way (for example, newspapers, table-cloths, curtains, etc.)
- No naked flame sources, such as lit candles, should be placed on the apparatus. To prevent the spread of fire, keep candles or other open flames away from this product at all times.
- The device may malfunction when under electrostatic discharge. It can be manually resumed by switching power off completely (at wall outlet), then switching power on again.
- To avoid any injury caused by overturn of the product when installed with base stands, please always ensure the whole product is placed horizontally within the supporting surface and that the television is not overhanging the edge of the supporting furniture.
- If not using with base stands, use only a wall or ceiling mount which has been recommended by the manufacturer of the television.
• Keep small accessories out of reach of children so they are not mistakenly swallowed.

CAUTION: Connecting the power cord
Most appliances recommend they be placed upon a dedicated circuit; that is, a single outlet circuit which powers only that appliance and has no additional outlets or branch circuits.

Do not overload wall outlets. Overloaded wall outlets, loose or damaged wall outlets, extension cords, frayed power cords, or damaged or cracked wire insulation are dangerous. Any of these conditions could result in electric shock or fire. Periodically examine the cord of your appliance, and if appearance indicates damage or deterioration, immediately discontinue use of the appliance until the cord is replaced with an exact replacement part by an authorized servicer.

Protect the power cord from physical or mechanical abuse, such as being twisted, kinked, pinched, closed in a door, or walked upon. Pay particular attention to plugs, wall outlets, and the point where the cord exits the appliance.

The MAINS plug is used as the disconnect device, and the disconnect device shall remain readily operable.

Operating Temperature: 5°C to 35°C
Operating Humidity: ≤80%

CAUTION
Do not attempt to modify this product in any way without written authorization from supplier. Unauthorized modification could void the user’s authority to operate this product.

It is not recommended to keep a certain still image displayed on the screen for a long time as well as displaying extremely bright images on screen.

Figures and illustrations in this User Manual are provided for reference only and may differ from actual product appearance. Product design and specifications may be changed without notice.

Refer to the table below as a guide to the symbols and warnings which may be on your TV.

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>⚡</td>
<td>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.</td>
</tr>
<tr>
<td>⚠️</td>
<td>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.</td>
</tr>
<tr>
<td>⌀</td>
<td>Class II product: This symbol indicates that a safety connection to electrical earth (ground) is not required. If this symbol is not present on a product with a mains lead, the product MUST have a reliable connection to protective earth (ground).</td>
</tr>
<tr>
<td>~</td>
<td>AC voltage: Rated voltage marked with this symbol is AC voltage.</td>
</tr>
<tr>
<td>⌀</td>
<td>DC voltage: Rated voltage marked with this symbol is DC voltage.</td>
</tr>
<tr>
<td>⚠️ ⚠️ ⚠️</td>
<td>Caution. Consult instructions for use: This symbol instructs the user to consult the user manual for further safety related information.</td>
</tr>
</tbody>
</table>
COMPONENTS

A Kogan 40" Smart Full HD LED TV
B Remote control
C Stand (x2)
D B4 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.
**PRODUCT OVERVIEW**

### Inputs

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Audio in</strong></td>
<td>Stereo (2.0) audio input.</td>
</tr>
<tr>
<td><strong>Composite video in</strong></td>
<td>Usually paired with stereo audio inputs (red and white cables), the single-wire composite cable provides a video signal.</td>
</tr>
<tr>
<td><strong>Component video in</strong></td>
<td>Three cables (&quot;Y,&quot; &quot;Pb&quot; and &quot;Pr&quot;) provide a higher quality connection than the single-wire composite cable (&quot;Y&quot;) commonly used to hook up earlier AV equipment.</td>
</tr>
<tr>
<td><strong>HDMI</strong></td>
<td>Connect an HDMI cable between the HDMI port on the TV and the HDMI port on the DVD player/Set-Top Box. Ports marked ‘ARC’ also support Audio Return Channel.</td>
</tr>
<tr>
<td><strong>USB 2.0</strong></td>
<td>USB storage devices can be inserted to record and pause live TV in PVR mode, or to watch media files stored on device in media mode.</td>
</tr>
<tr>
<td><strong>VGA</strong></td>
<td>Connect to a desktop or laptop computer.</td>
</tr>
<tr>
<td><strong>ANT</strong></td>
<td>For free-to-air TV, use an antenna cable (not supplied) to connect to a working antenna, either via an antenna wall socket, or directly.</td>
</tr>
<tr>
<td><strong>LAN</strong></td>
<td>For a wired internet connection via a broadband modem or router, connect an Ethernet cable to the LAN port.</td>
</tr>
<tr>
<td><strong>Digital audio out (optical)</strong></td>
<td>Audio out for digital audio devices. Port and cable may look different depending on an optical or coaxial input. Please use the cable appropriate for your device.</td>
</tr>
<tr>
<td><strong>Digital audio out (coaxial)</strong></td>
<td></td>
</tr>
<tr>
<td><strong>3.5mm audio out</strong></td>
<td>Line audio out port for use with headphones, amplifier, soundbar or any other audio device via an AUX cable (not supplied).</td>
</tr>
</tbody>
</table>

This is a general guide to inputs and ports, your TV may not feature all of the above.

1. Smart LED display screen
2. Remote sensor / Standby light
3. Inputs/Ports
4. Power button
BEFORE YOU GET STARTED
Spread cushioning flat to lay the TV on. This will help to prevent damage.

1. Stand assembly
   a. Attach stands to base of TV, ensuring ‘A’ and ‘B’ markings on the TV and stands match.
   b. Insert two 18mm screws for each stand and use Phillips head screwdriver (not supplied) to tighten.

2. Connect to antenna
   a. Connect an antenna cable (not supplied) via the ‘ANT’ input port at the back of the TV.
   b. Ensure the antenna cable is also connected to a working antenna, either via an antenna wall socket in your home, or directly.
3. Remote control assembly
   a. Open the battery compartment cover on the back side.
   b. Insert two 1.5V AAA size batteries, making sure to match the polarity markings (+ / -) of the batteries with the diagram inside the compartment.
   c. Replace battery compartment cover.

4. Using remote control without bluetooth
   Your Android TV remote control has Bluetooth capability, but until this is paired with your TV, you will need to ensure the distance between the remote control and the TV is no greater than 8 metres, at an angle of no more than 30 degrees on either side (4a).
   Point the remote towards the sensor at the front of the TV (this may differ from the illustration).

   TIPS
   Do not block the path between the sensor and the remote control.

5. Turning TV on
   a. Plug the power cord into a suitable power outlet. The standby will display a red light, showing that the TV is receiving power.
   b. Press the POWER (Ø) button (either on your remote control or beneath the front panel on the TV) to turn the TV on.
   c. The standby light will turn to green when the TV is on.

   TURNING TV OFF
   Press the POWER (Ø) button on the remote control to enter standby mode.
   To power down the TV completely, unplug the power cord from the power outlet.
   Do not leave your set in standby mode for long periods of time. If you will not use the TV for a long time, it is recommended to unplug the set from both the power outlet and aerial.

   WARNINGS
   • 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.
1. Power, press to enter or exit standby mode
2. Mute to toggle sound on/off
3. Number buttons, press to select channels or input passwords
4. Info displays the current program information
5. Source displays the list of input source channels.
6. Home Access the home page
7. Menu to open the quick menu
8. Ok select the current item, confirm selection, or open channel list in DTV mode
9. Direction buttons for navigating menus and settings
10. Back to the previous menu
11. Exit to quit the current interface
12. Netflix to open app homepage
13. Prime Video to open app homepage
14. Google Play to open app homepage
15. Google Assistant to launch the built-in virtual assistant for voice commands
17. + Vol - to adjust the volume up or down
18. P V to scroll channels
19. Google Assistant to launch the built-in virtual assistant for voice commands
20. Guide opens the Electronic Program Guide in DTV mode
21. Media control buttons including play, pause, backward, and forward for use in Media mode
22. Subtitle to toggle subtitles on/off
23. Ad, shortcut to accessibility menu
24. Colour buttons for navigational use within apps
When turning the TV on for the first time, the **Welcome** screen will appear. Use the ▲, ▼ and OK buttons to navigate the following options.

**Bluetooth**
Your Android TV remote control has Bluetooth capabilities. Follow the onscreen prompts to pair the remote with the TV, holding the home and ◀ buttons simultaneously, then select the remote from the accessory list and press OK. Your remote’s LED light will flash while pairing. This will allow you to use voice commands with your remote via the Google Assistant button.

**Language**
Select your menu language.

**Quickly set up with Android phone**
If you have an Android smartphone, you can easily transfer your phone’s Wi-Fi network and Google account to your TV. If not, select ‘Skip’.

**Select Wi-Fi network**
Your Android TV will automatically scan for wireless networks nearby. Ensure the TV is within range of your wireless modem or router, and have your password handy. Follow the prompts to input your password and connect your TV to your selected network.

If you’d prefer to connect an Ethernet cable to connect to the internet, simply insert the cable (not supplied) to the ‘LAN’ input port at the back of the TV (6a, next page), and ensure that it is correctly connected to the internet.

**Google Account sign-in**
Linking your Google Account to your Android TV will allow you to install new apps from the Play store, as well as receive recommendations from Google.

**Terms of Service**
This page will allow you to read each of the Google Terms of Service, Privacy Policy, and Google Play Terms of Service in full, and to accept.

**Location**
Grant permission for your Android TV to detect your location. You can adjust these permissions at any time from Settings.

**Help improve Android**
Grant permission for your Android TV to detect your location to automatically send diagnostic information to Google.

**Install additional apps**
Get started with some of our handpicked selections from the Play Store. Following this you will be shown a brief overview of Android TV’s features.

**Country**
To ensure your TV is set up properly, select your country/region from the list.

**LCN switch**
Select logical channel numbering on, off, or default to channel settings.

**Password**
Set a default password.

**Timezone**
Select your region’s time zone.

**Select TV mode**
The ‘home mode’ is optimized for efficient usage for home use. The ‘retail mode’ is optimized for store Demo with fixed settings.

**Chromecast**
Let your TV be detected as a Google Cast device and allow Google Assistant and other services to wake the TV to respond to cast commands, even when in standby mode.
**FIRST TIME SETUP** (cont’d)

**Tuner mode**
Select between Antenna and Cable for your tuner mode.

Following these options, the Channel Scan screen will appear. Ensure you have an antenna cable connected to the ‘ANT’ input port at the back of the TV (6a).

The auto tuning function will search for and save all available free-to-air TV channels. After confirming your settings (the default will be set for Australia), the process will automatically begin. The number of searched channels will be displayed on the screen.

Following this, you can accept the End User License Agreement and continue to the Home screen.

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**Read the End User License Agreement**

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1. **Google Assistant**
   Click to launch the built-in virtual assistant, which will begin listening for voice commands. Give it a try, ask “What’s the weather today?”

2. **Text search**
   Enter text manually to search TV apps.

3. **System notifications**
   This option will only appear when notifications are present.

4. **Source**
   Access free-to-air channels (‘DTV’) or other input source channels.

5. **Internet connection**
   This will display as a Wi-Fi or LAN icon, depending on your connection. Select for connectivity options.

6. **Settings**
   Access the global settings menu.

7. **Clock**
   Time and date settings can be adjusted in the global settings.

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8. **Apps**
   Access the App Centre to display all installed apps. Free-to-air channels can be accessed under the ‘Live TV’ option.

9. **Favourites list**
   A customisable list of apps available at a single click.

10. **Play next**
    Displays the program you are watching or have queued to play next. You can add to this list by long pressing the ok button, then selecting “Add to play next”. If the play next queue is empty, it will not be shown on the home page.

11. **Pinned channels**
    Show the program list of pinned channels. The order of this list can be adjusted by pressing from the channel icon and selecting the “<=>” icon. Empty channels will not be shown on the home page.

12. **Customise channels**
    Add or remove pinned channels from the home page.
BASIC OPERATION

Selecting channels
There are two ways to select channel:

1. Using number buttons followed by the ok button on the remote control to select channel directly.
   - To select channel 5, press: 5.
   - To select channel 21, press: 2 → 1 in quick succession.
   When using the number buttons, you can directly select channels that were either not saved during the auto tuning, or manually erased.

2. Using ▲▼ buttons on the remote control or on your TV to select channel. When you press the ▲▼ buttons, the TV changes channels in sequence. You will see all the channels that the TV has saved, but will not see channels that were either not saved, or manually erased.

Volume adjustment and mute setup
Press ±vol- buttons on the remote control or the TV to adjust the volume of the TV.
• To increase the volume, press vol+ button
• To decrease the volume, press vol- button

Press the Mute button to toggle TV sound on and off. The mute icon will appear in the lower-right corner of the screen. To resume sound when TV is muted, press the Mute button again, or simply press the vol+ button.

Input source
Input options are accessible directly from the home screen by selecting the Source icon. Press the ok button to confirm your selection.

Alternatively, you can use the source button on your remote control to access the list from any channel or screen.

Colour buttons
In some menus and apps, the remote control’s four colour buttons (▲▼▲▼) can be used.

Navigating menus

• Press the MENU button to display the quick menu.
• Press the ▲▼ Direction buttons to select the desired sub item.
• Press the ok or ▲▼ Direction button to access the menu of the next level.
• Select Settings on quick menu list to bring up the full settings menu.
• Press the BACK button to return to the previous menu.

NOTE
• When a menu item is greyed out, it means that the item is not available or cannot be adjusted.
• Some items in menus may be hidden depending on modes or signal sources used.
Quick menu
Options for your TV (picture, aspect ratio, speakers, etc) can be accessed by pressing the menu button on your remote control. Use ‹ / › buttons to navigate through the submenus, and ▲ / ▼ buttons to access Channel and Recording/Time Shift options (7a).

Global settings
To access the global settings menu, simply navigate to the ‘設定’ icon on the Home screen. Here you will find all of the adjustable options for Android TV’s interface, connectivity, and apps.

In DTV mode you can also press the menu button on your remote control and use the ‹ / › buttons to navigate to the ‘Settings’ option.

**QUICK MENU**

**Picture mode**
Choose from the following selection of presets, or select ‘User’ mode to configure your own custom settings.

- Standard
- Vivid
- Sport
- Movie
- Game
- Energy Saving

**Display mode**
You can select the picture size which best corresponds to your viewing requirements. Sizes may differ between input sources.

**Speakers**
Select the desired audio output source, choosing from the built-in TV speakers or an external system.

**Power**
Display power usage and sleep timer options, as well as the option for picture off (audio only) playback.

**Advanced options**
Adjust settings for subtitles, default channel, blue mute and more. Also see system and app version information.

**Settings**
Selecting the settings option here will take you to the Global Settings menu, also accessible via the home screen.
GLOBAL SETTINGS
Network & Internet
Here you will find the options for Wi-Fi and Ethernet internet connections.

Wi-Fi
Available Wi-Fi networks are listed, with the option to manually add a new network.

Scanning always available
Toggle on/off.

WOW
Toggle on/off for Wake On Wi-Fi function.

WOL
Toggle on/off for Wake On LAN function.

Ethernet
The TV will display whether a LAN connection is active or not. If LAN is connected, status will show IP address.

Proxy settings
HTTP proxy is used by the browser but may not be used by other apps. Select between no proxy, or manually entering proxy address details.

IP settings
Select between DCHP or static.

CHANNEL
Auto channel update
Toggle on/off.

Parental controls
Enter PIN to access. Here you will find options for blocking channels, restricting content based on ratings, and blocking inputs (TV, AV, and both HMIs).

Audio language and Second audio language
Select primary and secondary audio languages.

ACCOUNT & SIGN-IN
Here you find the same Google account sign-in screen from the start-up wizard.

APPLICATIONS
Recent
View all recently used apps.

See all apps
Display a list of all installed apps.

Permissions
View and adjust settings for app permissions, special app access, and security & restrictions.

DEVICE PREFERENCES
About
View system information.

Date & Time
Set clock and date information.

Timer
Adjust auto power-on and auto power-off settings.

Language
Interface language settings for on-screen display.

Keyboard
Adjust keyboard options. Third party keyboards can be added from the Play store. By default, Google’s GBoard keyboard is installed.

Inputs
HDMI CEC (Consumer Electronic Control) settings can be adjusted here. Option to rename inputs (for example, ‘HDMI 1’ can be set as ‘Blu-ray’ or even a custom name, which will appear on the source inputs list) are also located in this submenu.

Power
Adjust power settings here.

Picture
Adjust picture settings here, in more detail than the Quick Menu’s picture mode presets.

Sound
Locate settings for sound presets (‘sound styles’), equalizer, speakers, digital output, SPDIF and more in this submenu.
Storage
View and adjust device storage information and set up external drives for use.

Home screen
Adjust options such as enabling video or audio previews, customising channels, and app order for the home screen. You can also view app licenses.

Retail mode
Toggle on/off. The ‘home mode’ is optimized for efficient usage for home use. The ‘retail mode’ is optimized for store Demo with fixed settings. By default the TV is set to home mode.

Google Assistant
Access options for Google Assistant and voice controls.

Chromecast built-in
View license details for Chromecast functionality. By default, Chromecast is enabled for your TV and does not require adjusting.

Screensaver
Adjust the screensaver usage and time settings.

Location
Enable location settings.

Usage & Diagnostics
Enable permission to share usage and diagnostic data.

REMOTES AND ACCESSORIES
All compatible Bluetooth devices will appear here. You can connect and disconnect from devices here.
Setup
To use Timeshift settings, first you must prepare your USB device. Ensure you have a USB drive inserted in either of your TV’s USB 2.0 input ports.

- Press the menu button on your remote control, then the button to scroll down to the Timeshift menu. Select Device Info (8a) to prepare your USB device for Timeshift functionality.
- Your attached USB device will display on the Device Info list if it is prepared for Timeshift usage. You can also format your device and run speed tests from this menu.
- Select Timeshift Mode to toggle Timeshift function ‘on’.

NOTE
- Don’t connect or disconnect any USB device while in USB playback mode.
- Ensure all personal data is backed up before inserting USB device into TV. We assume no liability for any loss of data due to malfunction or misuse.
- USB device should have capacity at least 512MB.
- USB device must support USB 2.0 high-speed specification.
- Use only USB storage devices formatted to FAT32.
- You cannot change channels while in Timeshift mode.
- While in Timeshift mode, do not turn TV off.

Timeshift controls
- EXIT Exit Timeshift mode
- Play
- Pause / Activate Timeshift mode
- Skip backward
- Skip forward

Using Timeshift
With the Timeshift function turned on, you may pause and rewind normal TV viewing at any time without missing any of the live broadcast. This can also allow you to create a buffer and skip forward through commercials.

Press the Pause button on the remote control while in DTV mode to activate Timeshift mode. Pressing Play will resume from where you left off. Press EXIT to exit Timeshift mode. If a USB device dedicated to recording is disconnected, Timeshift files that were saved will automatically be deleted.
MEDIA PLAYBACK

NOTE
You will need to have an app installed for media playback. We recommend VLC for Android, but you are welcome to choose your preferred media player from the Google Play store.

Alongside flashdrives, the TV’s USB port is also capable of reading from devices such as digital cameras and USB hard disks.

To access media playback mode, insert a USB drive containing files of the following type into the TV’s USB input port. Next, from the Home page, select your preferred media player app. The following file types are supported:

<table>
<thead>
<tr>
<th>Data</th>
<th>Format</th>
</tr>
</thead>
<tbody>
<tr>
<td>Photo</td>
<td>JPEG, JPG, PNG, BMP</td>
</tr>
<tr>
<td>Audio</td>
<td>MP3, M4A, AAC, WMA</td>
</tr>
<tr>
<td>Video</td>
<td>DAT, MPG, MPE, MP4, MKV, AVI, ASF, FLV</td>
</tr>
</tbody>
</table>

**Media playback controls**

- **OK** Confirm / Play / Pause
- **Navigation** / Skip backward & forward, Hold to skip to start & end
- **Navigation** Play
- **Pause** II
- **Skip backward** <-
- **Skip forward** ->
9. Optional wall-mounting installation

a. Measure and double-check the distance of threaded holes on the back panel of the TV before creating any holes in the wall.
b. Insert the 20mm screws (B) within the four threaded holes on the back panel of the TV and tighten.
c. Use a mounting bracket (A) as a guide to mark the positions for the four holes on the wall with a pencil.
d. Using a drill, create holes in the marked positions on the wall.
e. Insert the four wall anchors (D) into the screw holes in the wall.
f. Place the mounting brackets against the wall, aligned with the wall anchors, ensuring the directional arrow is facing upwards.
g. Fix the mounting brackets with the 60mm self-tapping screws.
h. Attach the TV to the mounting brackets by placing all four of the screws attached to the rear of the TV (B) into the larger openings of the brackets, then lowering the TV so that the screws “lock” into place within the brackets.

It is recommended that two people perform step 9h together to ensure the sleeves are properly aligned before the TV is lowered onto the brackets.

NOTE:
Only use wall-mounts that match the same size screws and fittings as those listed on this page. Other methods of wall-mounting have not been tested for this model and can not be guaranteed to safely support the TV.
### Audio
- **Speakers**: 2 x 8W

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

### Dimensions
- **Distance Between Legs**: 799mm
- **Without Stand**: 893.6 x 516.2 x 87.9
- **With Stand**: 893.6 x 555.1 x 211.8
- **VESA Wall Mount Pattern**: 200 x 200
- **Weight**: 5.88kg

### Display
- **Brightness**: 200cd/m²
- **Colours**: 16.7M
- **Computer Supported Resolutions**: 640x480, 800x600, 1024x768, 1366x768, 1920x1080 (@60Hz)
- **Contrast Ratio**: 5000:1(Typ.)/3500:1(Min.)
- **Native Aspect Ratio**: 16:9
- **Panel Manufacturer**: Innolux
- **Refresh Rate**: 60Hz
- **Resolution**: 1920 x 1080
- **Response Time**: 9.5ms
- **Size**: 40"
- **Viewing Angle**: 178°/178°

### Features
- **EPG**: Yes
- **HDCP**: Yes | 2.2
- **TV Resolution**: FHD

### USB Media Playback
- **Format**: JPEG, JPG, PNG, BMP, MP3, M4A, AAC, WMA, DAT, MPG, MPEG, MP4, MKV, AVI, ASF, FLV

### Inputs
- **Composite (AV)**: 1
- **HDMI**: 2

### Outputs
- **Optical Audio Out**: 1

### Performance
- **CPU**: CAS3 Quad core, 1.1GHz
- **GPU**: Mali470 Triple core
- **OS**: Android 9.0
- **RAM**: 1GB
- **Storage Capacity**: 8GB

### Power
- **Average Consumption**: 74W
- **Energy Consumption**: 151kWh per year
- **Energy Rating**: 6 Star

### Tuning And Signal
- **Tuner Type**: DVB-T

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

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