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Safety Instructions

General Safety Instructions

Risk of electric shock. DO NOT OPEN! Do not attempt to service the television yourself, as opening or removing the covers may expose you to dangerous voltage or other hazards. Refer all servicing to the Kogan customer support team.

To reduce the risk of fire or electric shock, do not expose this product to rain or moisture. The television should not be exposed to dripping or or splashing, and no liquid filled objects such as vases should be placed on the case.

In the event of smoke, strange noises or a strange smell from the unit, you should follow these steps:
- Turn off the unit immediately.
- Disconnect the power plug from the power outlet.
- Contact the Kogan customer support team. Never attempt to make repairs yourself.

Never push objects of any kind into the set through the cabinet slots as they may touch dangerous voltage points or short-circuit parts that could result in a fire or electric shock. Never spill any liquids onto the set. Use special caution in households where children are present. The television is not suitable for children under 4 years old to operate.

Power supply cords should be routed safely to prevent dangers due to damaged cords. The mains plug is the main disconnect method, so it should be easily accessible and not be obstructed during use.

To avoid fires, no naked flame sources such as lit candles or burning incense should be placed onto the casing of the television.

Do not pull the plug out of a power outlet by pulling on the power cable. Always grasp the plug and pull. Never touch the plug with wet hands.
An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits.
When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits, as contact with them may be fatal.

Always turn the set off when it is not being used. Unplug the television from the power outlet when it will not be used for a long time or when there is an electrical storm. Never touch the antenna cable during a lightning storm.

Excessive volume from earphones and headphones can cause permanent hearing loss. Always monitor the volume of noise from these devices, especially when children are using them.

**Installation**

Ventilation should not be impeded or limited by covering the ventilation slots with items such as newspapers, tablecloths, curtains etc. At least 10cm of space should be left around the apparatus for sufficient ventilation.

The television should be situated away from heat sources such as radiators, heaters, stoves or other products that produce heat. Place the television in a position where the screen is not exposed to direct sunlight. It is best to have soft indirect lighting while watching, and you should avoid a completely dark viewing environment and reflections to avoid eye fatigue. Keep the product away from high magnetic fields (such as near an amplifier speaker) to avoid affecting the tint.
Do not place the television on an unstable table, stand or shelf. The set may fall, causing serious injury as well as damage to the television itself. If moving the television on a cart, move the unit with care as sudden stops and starts may cause the television to overturn.

Do not place this television near water, for example near a bathtub, wash bowl, kitchen sink, laundry tub, swimming pool or in a damp basement etc..

When moving the television to a warm location from a cold location, allow some time for any dew or condensation inside the television to evaporate fully before you turn the unit on.

To prevent injury, the television must be securely attached to the floor/wall in accordance to the supplied installation instructions.

**Cleaning**

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

- Zero X radiation complies to green environment protection requirements.
- Connects directly to PC to create a TV/monitor combo.
- MHL2.1
- Android 4.4
- USB 3.0 support.
- 16:9 widescreen.
- Auto Tuning and Fine Tuning.
- HDMI input (HDMI3 also supports MHL).
- Component compatible (480i; 480P; 576i; 576P; 720P; 1080i; 1080P)
- PC VGA
- Programmable sleep timer.
- Wide range voltage input.
- No signal automatic power off.

1 x ANTENNA jack 3 x HDMI inputs
1 x computer PC-RGB input 2 x USB inputs
1 x component input 1 x headphone output
1 x AV input 1 x SPDIF output

**Specifications & Accessories**

### Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model</td>
<td>KALED32SMTZD</td>
</tr>
<tr>
<td>Display Screen Size</td>
<td>32” Diagonal</td>
</tr>
<tr>
<td>Maximum Resolution</td>
<td>1920 x 1080</td>
</tr>
<tr>
<td>Power Supply</td>
<td>-110-240V, 50/60Hz</td>
</tr>
<tr>
<td>TV Receive System</td>
<td>PAL/SECAM: BG, DK, I DVB-T</td>
</tr>
<tr>
<td>Video In</td>
<td>PAL/NTSC/SECAM</td>
</tr>
<tr>
<td>Antenna Input Impedance</td>
<td>75ohm unbalanced</td>
</tr>
<tr>
<td>Sound Output</td>
<td>2 x 5W</td>
</tr>
<tr>
<td>Remote Power Input</td>
<td>DC 3V (Two AAA batteries)</td>
</tr>
<tr>
<td>Power Consumption</td>
<td>90W</td>
</tr>
<tr>
<td>Standby Power Consumption</td>
<td>&lt; 0.5W</td>
</tr>
<tr>
<td>Operating Temperatures</td>
<td>0°C - 40°C</td>
</tr>
<tr>
<td>Dimensions</td>
<td>With stand 729 x 220 x 494mm</td>
</tr>
<tr>
<td></td>
<td>Without stand 729 x 22 x 494mm</td>
</tr>
<tr>
<td>Weight</td>
<td>With stand 7.3kg</td>
</tr>
<tr>
<td></td>
<td>Without stand 7.0kg</td>
</tr>
</tbody>
</table>

### Accessories

Remote Control
Overview

The buttons on the lower-left panel control your TVs basic features, including the on-screen menu. To use the televisions more advanced features, you must use the remote control.

Front Panel

<table>
<thead>
<tr>
<th>Button</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>INPUT</td>
<td>Toggles between all the available input sources.</td>
</tr>
<tr>
<td>MENU</td>
<td>Press to see an on menu of your TV’s features.</td>
</tr>
<tr>
<td>CH ▲▼</td>
<td>Press to change programs. In the on-screen menu, use the CH ▲▼ buttons as up/down arrow buttons.</td>
</tr>
<tr>
<td>VOL ±</td>
<td>Press to increase or decrease the volume. In the on-screen menu, use the VOL ± buttons as left/right arrow buttons.</td>
</tr>
<tr>
<td>STANDBY button</td>
<td>Press to toggle between normal and standby mode.</td>
</tr>
<tr>
<td>REMOTE CONTROL SENSOR</td>
<td>Aim the remote control towards this spot on the TV.</td>
</tr>
<tr>
<td>POWER INDICATOR</td>
<td></td>
</tr>
<tr>
<td>POWER SWITCH</td>
<td></td>
</tr>
</tbody>
</table>

Rear Panel

Note: HDMI 1 is ARC compatible.
Remote Control

Set Up

1. Open the battery covers at the sides of the keyboard, then remove the USB receiver.

2. Insert 2 x AAA batteries

3. Plug the remote receiver into an available USB port on your TV.

4. You can now use the remote with your TV.

Using the Remote as an Air Mouse

- The air mouse function will be OFF by default.
- Press “̀” to activate the air mouse function.
- Swing your wrist to form easy and smooth motions to move the pointer.
- To select an item, take the cursor to the icon and press the left key “̀”.
- To use the keyboard, simply go to the field you need to type in, press the left key and then start typing.
Pairing the USB Dongle

If you feel that the TV is not receiving the air mouse or keyboard inputs, it is possible that the USB dongle is not paired with the remote properly. Please follow these steps to re-pair them again:

1. Unplug the USB dongle from the TV.
2. Remove the batteries from the remote and press any key.
3. Reinsert the batteries into the remote.
5. Reinsert the USB dongle into your TV.
6. The Fn LED light will flash 5 times, meaning the pairing is successful.
7. If the LED does not flash within 10 seconds, it means the pairing has failed.
8. Please repeat the above steps again.
9. If the issue persists, contact the Kogan.com customer support team.

Recalibrating the Air Mouse

If the cursor begins to drift, please follow these instructions to recalibrate it:

1. Put the remote on a flat surface.
2. Press and hold ‘<’ and ‘>’ on the keyboard together until the Fn LED light comes on.
3. The Fn LED light should turn off again after 5 seconds.
4. Calibration is now complete!

Turning Air Mouse Mode Off

1. If you do not use any of the Air Mouse keys or functions for 30 seconds, the unit will go into sleep mode.
2. If you want to turn it off quicker than this, you will need to press the left/right keys above the cursor key.
3. To active the air mouse, please press the cursor key again.

Notes on Battery Usage

Notes
- One load of batteries should last a year under normal use.
- If you do not intend on using the remote control for an extended period of time, remove the batteries to avoid leakage.
- Do not mix old and new batteries together.
- The batteries should not be exposed to excessive heat such as direct sunlight, fires or similar situations.
External Connections

Antenna Connections

Antenna input impedance of this unit is 75ohm. VHF/UHF 75ohm coaxial cables can be connected to the antenna jack directly. If the antenna cable is a 300ohm parallel flat feeder cable, you need to use the 300ohm/75ohm converter to connect the antenna cable to the antenna jack. For details, please refer to the following images.
VCR Connection

These instructions are assuming you have already connected your TV to an antenna or other cable TV system. Skip step 1 if you have not yet connected an antenna.

Follow the instructions in Viewing a VCR or Camcorder Tape to view your VCR tape. Each VCR has a different back panel configuration. When connecting a VCR, match the colour of the connection terminal to the cable.

1. Unplug the cable or antenna from the back of the TV.
2. Connect the cable or antenna to the ANT IN terminal on the back of the VCR.
3. Connect an RF cable between the ANT OUT terminal on the VCR and the ANT IN terminal on the TV.
4. Connect a component cable between the COMPONENT (Y, Pb, Pr) jacks on the VCR player and the YPbPr jack on the TV.
5. Connect the audio cables between the AUDIO OUT jacks on the VCR and the AUDIO R and AUDIO L jacks on the TV.

Note:
• Whenever you connect an external device to your TV, make sure that the power on the unit is turned off.
• When connecting an external device, match the colour of the connection terminals to the cable.
Camcorder Connection

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

Each camcorder has a different back panel configuration, so when connecting a camcorder, match the colour of the connection terminal to the cable.

1. Connect a video cable between the AV VIDEO jacks on the TV and the VIDEO OUT jack on the camcorder.
2. Connect audio cables between the AUDIO L and AUDIO R jacks on the TV and the AUDIO OUT jacks on the camcorder.

Note:
- Whenever you connect an external device to your TV, make sure that the power on the unit is turned off.
- When connecting an external device, match the colour of the connection terminals to the cable.
Connecting a DVD Player/Set-Top Box via HDMI

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

What is HDMI?
HDMI, or high-definition multimedia interface, is a next-generation interface that enables the transmission of digital audio and video signals using a single cable without compression. Multimedia interface is a more accurate name for it, as it allows multiple channels of digital audio (5.1 channels). The difference between HDMI and DVI is that the HDMI connection is smaller in size, has HDCP (High Bandwidth Digital Copy Protection) coding installed and supports multi-channel digital audio. Each DVD Player/Set-Top Box has a different panel configuration.

Connect a HDMI cable between the HDMI1, HDMI2, or HDMI3 connector on the TV and the HDMI connection on the DVD Player/Set-Top Box.

Note:
- Whenever you connect an external device to your TV, make sure that the power on the unit is turned off.
- When connecting an external device, match the colour of the connection terminals to the cable.
Connecting a Digital Audio System

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

5.1 CH audio is possible when the TV is connected to an external device that supports 5.1 CH sound.

Connect a coaxial cable between the SPDIF jacks on the TV and the Digital Audio Input jacks on the Digital Audio System.

When a digital audio system is connected to the SPDIF terminal, decrease the gain (volume) on the TV, then adjust the volume using the Digital Audio System's volume controls.
Connecting a PC

Each PC has a different back panel configuration.

1. Connect a D-Sub Cable between the VGA/PC IN connector on the TV and the PC output connector on your computer.
2. Connect a PC Audio Cable between the PC AUDIO IN jack on the TV and the Audio Out jack on the soundcard on your computer.

You should set PC software before you connect a PC to your TV. (please refer to “PC DISPLAY” settings)

Note:
- Whenever you connect an external device to your TV, make sure that the power on the unit is turned off.
- When connecting an external device, match the colour of the connection terminals to the cable.

Supported Signals

<table>
<thead>
<tr>
<th>Input</th>
<th>Mode</th>
<th>Resolution</th>
<th>Vertical Freq.</th>
</tr>
</thead>
<tbody>
<tr>
<td>DTV</td>
<td>DVB-T</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ATV</td>
<td>PAL BG I DK</td>
<td>640x480</td>
<td>60Hz</td>
</tr>
<tr>
<td></td>
<td>SECAM BG DK</td>
<td>800x600</td>
<td>60Hz</td>
</tr>
<tr>
<td>CVBS</td>
<td>PAL/NTSC/SECAM</td>
<td>1024x768</td>
<td>60Hz</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1280x1024</td>
<td>60Hz</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1360x768</td>
<td>60Hz</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1920x1080</td>
<td>60Hz</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Input</th>
<th>Resolution</th>
<th>Vertical Freq.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Component</td>
<td>480i</td>
<td>60Hz</td>
</tr>
<tr>
<td></td>
<td>480p</td>
<td>60Hz</td>
</tr>
<tr>
<td></td>
<td>576i</td>
<td>50Hz</td>
</tr>
<tr>
<td></td>
<td>576p</td>
<td>50Hz</td>
</tr>
<tr>
<td></td>
<td>720p</td>
<td>50/60Hz</td>
</tr>
<tr>
<td></td>
<td>1080i</td>
<td>50/60Hz</td>
</tr>
<tr>
<td></td>
<td>1080p</td>
<td>50/60Hz</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Input</th>
<th>Resolution</th>
<th>Vertical Freq.</th>
</tr>
</thead>
<tbody>
<tr>
<td>HDMI</td>
<td>480p</td>
<td>60Hz</td>
</tr>
<tr>
<td></td>
<td>576p</td>
<td>50Hz</td>
</tr>
<tr>
<td></td>
<td>720p</td>
<td>50/60Hz</td>
</tr>
<tr>
<td></td>
<td>1080i</td>
<td>50/60Hz</td>
</tr>
<tr>
<td></td>
<td>1080p</td>
<td>50/60Hz</td>
</tr>
</tbody>
</table>
Basic Operation

Turning the TV on or off

1. Insert the power cord into a power outlet.

2. If the TV is in standby mode, press the POWER button on the remote control or on the bottom panel of the TV.

3. Normal pictures will appear on the screen after about 15 seconds. If there is no signal input, then “NO SIGNAL” will appear on the screen.

4. If temporary POWER off is required, press the POWER button on the remote control or on the bottom panel of the TV.

5. If you want to completely switch off the power of the TV for an extended period of time, unplug the power cord.

6. After switching the unit off, you should wait at least 5 seconds before turning it on again.

Status Indication Lamp
RED: in standby mode
GREEN: in power on mode

Auto Power-off
- If there is no signal, the TV will automatically enter standby mode after 10 minutes.
- In VGA mode, if there is no operation, TV will enter standby mode after 15 seconds.

Memory before turning TV off
The picture and sound settings, plus preset channels will be memorised at the point when the TV is turned off. When the TV is started up again, it will resume with these settings.
**Basic Operation**

**Setup Wizard**
When first booted up, the TV will enter into the setup guide system.

**OSD Language Setting**
1. Press ◀/▶ to select language.
2. Press ▼ then OK to enter the next step.

![OSD Language](image)

**Antenna Type**
1. Press ◀/▶ key to select the type of antenna: DVB-T, DVB-C
2. Press ▼ then OK to enter the next step.

![Antenna Type](image)

**Search Type & Country Selection**
1. Press ▲/▼ to select the item to focus on.
2. Press ◀/▶ to select the search type or the country.
3. Press the SKIP button to skip the search and finish your settings.
4. Press the FINISH button to finish your settings and start the search.

![Search Type & Country Selection](image)
Menu Operation

Main interface
You will enter the main menu directly after the TV is turned on.

Arrow buttons: Select menu and the selected menu's background will be orange.
OK button: Enter the options which you've selected.
INPUT button: You will enter the relevant function options directly.

The first area shown in the image above will display the current video images, and it will display a snowflake when there is no signal. The second area shows some small desktop plug-ins. Select one and press the OK button, where you will enter the relevant application program.

Applications
The Application menu shows all the applications which come pre-installed with the TV, as well as those which you've downloaded. At the top of the menu you will see the applications that are frequently used.

Home Button: Return to the main menu
Arrow Button: Select the application you want
OK Button: Enter the application you’ve selected

Note: When the applications are of more than one page, and the focus is on left or right side of each line, the left/right buttons can page up/down.
Menu System instruction

Media Menu

The Media Menu shows videos, music and images in your portable devices such as USB drives, mobile hard disks etc.

TV Menu

Menu Button: Open the TV menu. When you are in the submenu, you can press it to return to the previous menu.
Exit Button: Exit the TV menu.
Arrow Buttons: Select the application you want.
OK Button: Enter the selected application settings menu.
Settings

User may explore all functions here.

Sound

You can select the type of special sound to be used when watching a given settings broadcast. Your TV has five sound settings (“Standard”, “Music”, “Movie”, “Sports”, “User”) that are preset at the factory.

- Standard: Selects the normal sound mode.
- Music: Select the sound mode for music.
- Movie: Provides live and full sound for movies.
- Sports: Emphasises bass over other sounds.
- User: Selects your custom sound settings (See "User settings for Sound").

Equalizer

1. Press ▲▼ key to select an equalizer item.
2. Press OK key to enter the equalizer submenu. The sound settings can be adjusted to suit your user preferences.
   1. Press ▲▼ key to select a particular item.
   2. Press ◀▶ key to decrease or increase the value of a particular item.
Note: The adjusted values are stored according to the selected particular item.
Balance
If the volumes of the left speaker and the right speaker are not the same, you can adjust the "Balance" to suit your personal preference.
1. Press ▲/▼ key to select "Balance" option.
2. Press ◀/▶ key to decrease or increase the value of the item.

Auto Volume
Each broadcasting station has its own signal conditions, and it is inconvenient to adjust the volume every time the channel is changed. “Auto Volume” automatically adjusts the volume of the desired channel by lowering the sound output when the modulation signal is high or by raising the sound output when the modulation signal is low.
1. Press ▲/▼ key to select “Auto Volume” option.
2. Press ◀/▶ key to select “On” or “Off”.

Surround Sound
This is used to turn on surround sound to gain better sound effect.
1. Press ▲/▼ key to select “Surround sound” option.
2. Press ◀/▶ key to select “On” or “Off”.

SPDIF Mode
This is used to select "SPDIF Mode". This option is only used in HDMI\DTV mode.
1. Press ▲/▼ key to select “SPDIF Mode” option.
2. Press ◀/▶ key to select “RAW”, “PCM” or “OFF”.

HDMI Sound
This option is only used in HDMI mode.
1. Press ▲/▼ key to select “HDMI Sound” option.
2. Press ◀/▶ key to select HDMI Sound mode, HDMI or VGA.

Picture

![Picture Mode](image)

Picture Mode
Your TV has five picture settings (Standard, Soft, Vivid, User, Dynamic) that are preset at the factory. Only “User” mode can be set to your preference by adjusting particular items such as Contrast, Brightness, Color, Sharpness, Tint. Press ▲/▼ key to select "Picture Mode” option.
Press ◀/▶ key to select one picture mode.
Aspect Ratio

You can select the picture size which best corresponds to your viewing requirement.
1. Press ▲/▼ key to select “Aspect Ratio” option.
2. Press ◀/▶ key to set the scale mode.

Colour Temp

You can change the colour of the entire screen according to your preference.
1. Press ▲/▼ key to select “Color Temp” option.
2. Press ◀/▶ key to select one colour temp.


Noise Reduction

1. Press ▲/▼ key to select “Noise Reduction” option.
2. Press ◀/▶ key to select “Off”, “Weak”, “Middle”, “Strong” and “Auto” to improve the picture sharpness.

Note: Noise reduction doesn’t work in VGA Mode.

Window Adjust

This option is only used when VGA mode has signal.
Press ▲/▼ key to select “Window Adjust” option.
Press OK key to display the “Window Adjust” menu.

- Auto Adjust: Allows you to set the TV to self-adjust to the incoming PC video signal. The fine, coarse and position values are adjusted automatically.
- H-Position: Set horizontal position of picture.
- V-Position: Set vertical position of picture.
- Clock/Phase: Remove or reduce picture noise.

Program

Antenna Type

1. Press ▲/▼ to select "Antenna Type" option.
2. Press ◀/▶ to select the type of Antenna: DVB-T, DVB-C.
Auto Search

Press ▲/▼ key to select "Auto Search" option. You can select the country in this list view and set the "Search Type" option. The number of searched channels will be shown on the screen. When the search is finished, all the channels will be stored in memory, and a message will appear on the screen.

NOTE: If you want to exit the search, you can press EXIT button.

ATV Manual Search

While this option is available in the TV software, analogue television signals are no longer used in Australia.

DTV Manual Search

In the ATV/DTV source, you can choose “DTV Manual Search” to enter “DTV Manual Search” menu. If the Antenna type is DVB-C, you can use the ◀/▶ button to choose the frequency. If the Antenna Type is DVB-T you can use the ◀/▶ button to choose the channel. Press OK button to search, and then the TV will store the DTV channel if there is a DTV signal present.

Program Edit

You can use ▲/▼ button to choose “Program Edit” and enter the menu, press the Blue/Red/Yellow colour button on the remote control to skip, delete and move programs, also you can press FAV button to add to your favourite list.

Delete: You can press the RED button to enter the DEL menu, then choose the channel you want to delete, then press the RED button again to delete.

Fav: If you like the program of a channel, you can press the YELLOW button in the menu to add it to your favourite list. You can later press the YELLOW button on the remote control to navigate to your favourite program as soon as possible.
Signal Information
(Used only in DTV)
Press ▲▼ key to select “Signal Information” option. Press “Ok”or ► key, you can see the information of the DTV channel.

NOTE: Signal Quality/Signal Strength (DTV Only): Unlike analogue channels, which can vary in reception quality, digital channels must have perfect reception quality or you will not receive them at all. So, unlike analogue channels, you are not able fine tune a digital channel. If the signal strength indicates that the signal is weak, a possible solution is to adjust your antenna to increase the signal strength. Continue to adjust the antenna until you find the best position with the strongest signal.

Input Source

![Input Source Menu]

Press INPUT on the remote control to enter the "INPUT SOURCE" menu. These options will be available for you to select from: DTV, ATV, AV, YpbPr, VGA, HDMI1, HDMI2 or HDMI3. Use ◀◢ to move the cursor to the input you desire and press the OK button to confirm.

Function

![Function Menu]

Lock

1. Press the ”Enter” key to select the “System Lock” submenu.
2. Press ◀◢ to select “ON” or "OFF".

![System Lock Menu]

The lock feature requires a Password to be entered before any settings can be changed.

1. Press ▲▼ key and select “Lock” under the ”Function” menu.
2. Press OK key to enter “Lock” submenu. “Please enter password” menu will appear. Enter your 4-digit password to enter “Lock” submenu. (the default password is 0000, while the uneditable master password is 1980).
Set Password
1. Press OK to select “Set Password” option.
2. Enter your current 4-digit password. Then choose any 4-digits for your new password and enter them. As soon as the 4 digits are entered, the cursor will move to the “Confirm password” field. Re-enter the same 4 digits again, and your new password will have been memorized.

Time

On Time
In "On Time", press the OK button to enter the submenu. Set the time for the TV set to turn on when the TV set is in standby mode. You can also set a desired source to be used automatically when you start the TV in “Source” menu.

Off Time
In "Off Time", press the OK button to enter the submenu. Set the time for when you want the TV set to turn off.

Sleep Timer
1. Press ▲▼ key to select “Sleep Timer” option.
2. Press ◄► key repeatedly until the desired time appears (Off, 10min, 20min, 30min, 60min, 90min, 120min, 180min, 240min).

Notes:
• The sleep timer you have set will be cancelled when the TV turns off, or if a power failure occurs.
• When the time remaining is less than 60 seconds, reminder information will be displayed on the screen. Press any key button to cancel the timer function.
Network

Wired
Press OK or ► to enter the submenu, then press ▲/▼ to select the “Wired” option. Press ◀► to select the wired mode, then press OK on the preference to “set”.

Wireless
Press OK or ► to enter the submenu, then press ◀► to turn the WiFi controller ON/OFF. Press the OK button on ”SSID“ and it will display the WiFi list. Press OK on the suitable WiFi name to connect to it.

PPPOE
Press OK or ► to enter the submenu. PPPOE is point-to-point protocol over ethernet, so for connection operations and instructions contact your local Internet Service Provider.

PVR (Personal Video Recorder)

PVR File System

WARNING:
1. Before connecting your USB device to the TV, please back up your files to prevent them from damage or loss of data.
2. A USB disk must be formatted when first used for PVR. Any existing data on the disk will be lost during the formatting process. Please back up your disk if you do not want to lose this data. It is recommended that you use a dedicated disk for PVR use only. Do not disconnect disk or power during formatting.
3. Do not modify PVR files on a PC.

Note: Make sure your USB device is compatible with the TV and able to support PVR recording.

- Select Disk: Press the “OK” button to enter the submenu and press ◀► to choose the disk to use for PVR.
- Time Shift Size: Press the “OK” button to enter the submenu and press ▲/▼ to choose the file size.
- Format: Press the “OK” button to enter the format submenu. The disk must be formatted when first used for PVR. Do not disconnect disk or turn power off during formatting. When formatting your disk, a progress bar will appear on the display.
NOTE: The larger your device the longer it will take to format. The device may take many minutes to format. This is not a malfunction, please wait for the formatting to finish.

- **Speed Check**: Test your disk speed.

**PVR Guide**

If the disk for PVR is ready, the programs can be recorded in DTV mode.

**Time shift**

In DTV mode, press ►/II button to pause the DTV program, then press it again to continue playing. The length of time a program can be paused depends upon the setting in the PVR File System. Press “EXIT” to stop the time shift. Press the PLAY button to continue playing the program from the point where it was paused.

NOTE: Time Shift will stop if you change channels, change inputs or go into standby mode while in Time Shift mode.

**Instant recording**

1. Select the desired channel then press the ● button on the remote control to start recording the current broadcast. A progress bar will be displayed at the bottom of the screen.
2. Recording stops when you press the EXIT button and the recorded file is stored in the external USB device automatically.

NOTE: You can only watch channels on the same frequency as the program being recorded. If you try to change to another channel or change to the main interface screen, a message will appear prompting you to continue or “STOP RECORDING. System will stop record if user want to channel up/down, Confirm or Cancel.”

**Recording in Standby Mode**

This unit is able to record while in standby mode.

NOTE: Start a recording, then press the power button. A message will be displayed, prompting you to standby, stop or cancel.
DTV EPG (Electronic Program Guide)

In DTV mode, press the “GUIDE” button to enter the Electronic Program Guide. At Guide menu, press “RED” button to change to “Record” Setting.

At Guide menu, press the “OK” button to enter the “Reminder Settings” page. Note: Press ←→ button to adjust the scheduled time, press OK button to save the setting.

External Connections

Assembling the Stands

Before attaching/detaching the stands, be sure to turn the TV off. Before performing any work, spread cushioning out over the base area to lay the TV on. This will prevent it from being damaged.

With the television laying face down on a soft surface, fix the stands to the unit with the four supplied screws.
Securing the TV Stand

Caution: Pulling, pushing or climbing on the TV may cause it to fall. Be careful to ensure that children do not hang on the TV or otherwise destabilise it, as doing so may cause the TV to fall over, causing injury or even death.

Mounting the LED TV on the wall

Your LED TV is able to accommodate wall mounting with the use of a wall mount bracket (not supplied), and the mounting holes on the back of the unit. We recommend removing the TV stand prior to wall mounting the TV. Please see the previous page for instructions on removing the stand.

1. Wall
2. Nylon sleeve
3. Wall-mounting bracket
4. Self-tapping screw
5. Wall-mounting screw
6. Rear cabinet
7. Wall-mounting Bolt
8. Screw

How to mount the LED TV.
1. Please ensure that the distance of wall-mounting holes is 200mm or 400mm on the back cabinet before you mount your TV on the wall.
2. Mark the horizontal distance screw holes A and B with a pencil on the wall by using a long wall-mounting bracket as a ruler (There will be a "0" engraved in the middle of the long wall-mounting and "200" engraved on the end, as shown.)
3. Align the upper holes on the short wall-mounting bracket (5) to A and B, then mark the vertical distance screw holes C and D with a pencil on the wall, as shown.
4. Drill the holes at A, B, C and D positions on the wall.
5. Drive the nylon sleeves (6) into the screw holes on the wall.
6. Fasten the short wall-mounting bracket (5) on the Nylon sleeves with self-tapping screws (4) on the wall.
7. Fasten long wall-mounting bracket (2) with screws (3) into the two screw holes on the rear cabinet (place the long wall-mounting end with the hook upper).
8. Lift the TV and hang it on the wall. This will require more than one person.

NOTES:
- Ensure the wall can support the weight of the TV and the mount combined.
- Be careful not to scratch the panel when you fasten the screws to the TV.
## Troubleshooting

If you have any problems with your television, please check the suggested solutions below, as these issues may be caused by improper adjustment/setup rather than a malfunction with the unit. If the problem persists, please contact the Kogan customer support team.

<table>
<thead>
<tr>
<th>Problem</th>
<th>Possible Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>No power</td>
<td>• Please check the power cord is plugged in and that the power outlet works.</td>
</tr>
<tr>
<td></td>
<td>• Unplug the power cord and plug it in after 60 seconds, then restart the TV.</td>
</tr>
<tr>
<td>No picture</td>
<td>• Please check antenna connection.</td>
</tr>
<tr>
<td></td>
<td>• Station may be experiencing problems, please tune to another station.</td>
</tr>
<tr>
<td></td>
<td>• Please adjust the contrast and brightness settings.</td>
</tr>
<tr>
<td>No sound, or sound is too low at maximum volume</td>
<td>• Please increase the volume.</td>
</tr>
<tr>
<td></td>
<td>• Please check if TV is under mute mode by pressing the MUTE button on the remote control.</td>
</tr>
<tr>
<td></td>
<td>• Please check sound settings.</td>
</tr>
<tr>
<td></td>
<td>• If external devices are being used, check their volumes are not set too low or turned off.</td>
</tr>
<tr>
<td></td>
<td>• If using AVI or Component inputs, please make sure cables are connected properly and not loose.</td>
</tr>
<tr>
<td></td>
<td>• If using DVI to HDMI cable, a separate audio cable is required.</td>
</tr>
<tr>
<td></td>
<td>• Make sure a headphone jack is not connected.</td>
</tr>
<tr>
<td>Good sound but abnormal colour or no picture</td>
<td>• Please check antenna connection and antenna condition.</td>
</tr>
<tr>
<td></td>
<td>• If using Component inputs, please check Component connections, incorrect or loose connections may cause colour problems or cause the screen to be blank.</td>
</tr>
<tr>
<td>No response to remote control.</td>
<td>• Batteries of remote control may have exhausted. If necessary, please change the batteries.</td>
</tr>
<tr>
<td></td>
<td>• Clean the remote control lens. The distance between the LED TV and remote control should be within 8m, inside the recommended operating angle and path is free of obstructions.</td>
</tr>
<tr>
<td>Full screen flickering under VGA</td>
<td>• V-HEIGHT value may be set too high. Restart computer in safe mode, then set monitor parameters to correct the values according to adjustment description.</td>
</tr>
<tr>
<td>Issue</td>
<td>Possible Cause</td>
</tr>
<tr>
<td>----------------------------------------------------------------------</td>
<td>--------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Horizontal stripes under VGA.</td>
<td>Sample phase may be deflected. Adjust phase according to picture position.</td>
</tr>
<tr>
<td>Coloured dots may be present on the screen.</td>
<td>Although the LED screen is made with high-precision technology and 99.99% or more of the the pixels are effective, black dots may appear, or bright points of light (red, blue, or green) may appear constantly on the LED screen. This is a structural property of LED screens and is not a malfunction.</td>
</tr>
<tr>
<td>Picture is breaking up</td>
<td>Keep the TV away from noisy electrical devices such as cars, hair dryers, welders and all optional equipment. Electrical atmospheric interference such as local or distant lightning storms may cause picture to break up. When installing optional equipment, leave some space between the optional equipment and the TV. Check the antenna and connection. Keep the antenna away from any power or input/output cables.</td>
</tr>
<tr>
<td>After Auto Tuning only some channels are available</td>
<td>Check your area is covered by Digital Video Broadcasts. Try re-tuning or manually tuning missing channels. Check that you are using the correct antenna type.</td>
</tr>
<tr>
<td>Channel cannot be selected.</td>
<td>Check if the channel has been blocked in the main menu settings.</td>
</tr>
<tr>
<td>USB not playing</td>
<td>Please check connecting USB cable and power supply is connected. Hard drive has not been formatted. Please make sure USB disk is compatible and the multimedia data formats are supported.</td>
</tr>
<tr>
<td>Picture is distorted with macroblocks, small blocks, dots, pixelization, etc</td>
<td>Compression of video contents may cause distortion, especially on fast moving pictures such as sports and action movies.</td>
</tr>
<tr>
<td>Noise from speaker.</td>
<td>Check cable connections, make sure a video cable is not connected to an audio input. Low signal level may cause sound distortion.</td>
</tr>
<tr>
<td>TV turns off automatically</td>
<td>Check if the Off Timer is set to On in the Setup menu. Sleep Timer may have been enabled. If there is no signal for about 10 minutes from an input, the TV will turn off. If connected to your PC, check your PC power settings. Make sure the AC power cord is plugged in securely to the wall outlet and the TV.</td>
</tr>
<tr>
<td>TV turns on automatically.</td>
<td>Check if the On Timer is set to On in the Setup menu.</td>
</tr>
</tbody>
</table>
| Picture is not shown in full screen. | • Black bars on each side will be shown on HD channels when displaying SD (4:3) contents.  
• Black bars on Top & Bottom will be shown on movies that have aspect ratios different from your TV.  
• Adjust picture size option on your external device or TV to full screen. |

If you have any further questions or queries regarding this television, please contact the Kogan customer support team.