Important Safety Instructions and Maintenance

Important Safety Instructions

⚠️ CAUTION
Risk of electronic shock, do not open.
Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards.
Refer all servicing to qualified service personnel.

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

In case of smoke, strange noise or strange smell from the unit:
- Turn off the power switch immediately;
- Disconnect the power plug from the power outlet;
- Contact your dealer or service centre. Never attempt to make repairs yourself because this could be dangerous.

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 liquid of any kind on the set. Use special caution in households where children are present. The apparatus is not suitable for children under 3-year to operate.

Power supply cords should be routed safety to prevent life and property from dangerous with damaged cord.
Mains plug is used as the disconnect device. It shall remain readily operable and should not be obstructed during intended use. To be completely disconnected the apparatus from supply mains, the mains plug of the apparatus shall be disconnected.

To avoid the fire, no naked flame source, such as lighted candles, should be placed on the apparatus.
## Important Safety Instructions and Maintenance

### Important Safety Instructions

An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or 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 might be fatal.

Always turn the set off when it is not being used. Unplug the apparatus from the AC outlet when it will not be used for a long period of time. And when there is a lightning, unplug the unit from the AC outlet immediately. Never touch the antenna wire during lightning.

Do not pull the plug out by the wire; Never touch the plug with wet hands.

Excessive sound pressure from earphones and headphones can cause hearing loss.

### Installation

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

The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat. Place the apparatus in such a position that the screen is not exposed to direct sunlight. It is best to have soft indirect lighting while watching and avoid complete dark environment and reflection from the screen as these may cause eye fatigue. Keep the product away from high magnetic field (i.e. power-amplified power speaker) to avoid affecting the tint.
### Important Safety Instructions and Maintenance

#### Installation

| Do not place the set on an unstable cart, stand, table or shelf. The set may fall, causing serious personal injury as well as damage to the product. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn. |

| Do not place this apparatus near water, for example, near a bath tub, wash bowl, kitchen sink, or laundry tub; in a wet basement; or a swimming pool; and the like; |

| When the TV being moved in from cold place, it needs some right time for dew inside unit evaporating fully before turn on the unit; |

| To prevent injury, this apparatus must be securely attached to the floor/wall in accordance with the installation instructions. |

#### Cleaning

| Unplug this apparatus from the AC outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning; |

#### WARNING

To prevent the spread of fire, keep candles or other open flames away from this product at all times.

For your protection, please read this instruction completely, and keep this manual for future reference.
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General Description

Feature:
- Zero X radiation complies to green environment protection requirement
- Auto tuning and fine tuning
- One YPbPr input socket
- Three HDMI input socket (HDMI 1.4)
- One composite video input socket
- One audio input sockets
- Support USB
- Multi-language OSD
- Wide range voltage input
- One PC VGA input socket

Note:
1. In case of any design change, a notice will not be released.
## Specifications and Accessories

**Specifications:**

<table>
<thead>
<tr>
<th>Description</th>
<th><strong>KDG50JT628A</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Display Screen Type</td>
<td>Color active matrix LED display</td>
</tr>
<tr>
<td>Display size</td>
<td>50&quot; Diagonal(max.)</td>
</tr>
<tr>
<td>The maximum resolution</td>
<td>1920X1080</td>
</tr>
<tr>
<td>Power supply</td>
<td>110-240V~ 50/60Hz</td>
</tr>
<tr>
<td>TV receive system</td>
<td>NTSC:M;PAL:M/N</td>
</tr>
<tr>
<td>Frequency range</td>
<td>Air: CH2<del>CH69 Cable: CH1</del>CH125</td>
</tr>
<tr>
<td>Video in</td>
<td>PAL/NTSC /S ECA M</td>
</tr>
<tr>
<td>Antenna input impedance</td>
<td>75Ω</td>
</tr>
<tr>
<td>Sound output</td>
<td>&gt; 2X5W</td>
</tr>
<tr>
<td>Power supply for remote controller</td>
<td>DC 3V (Two AAA size batteries)</td>
</tr>
<tr>
<td>Power consumption</td>
<td>120W</td>
</tr>
<tr>
<td>Dimensions (LXWXH)</td>
<td></td>
</tr>
<tr>
<td>TV with stand</td>
<td>1117.5×286×701 mm</td>
</tr>
<tr>
<td>TV without stand</td>
<td>1117.5×70.3×652.4 mm</td>
</tr>
<tr>
<td>Weight (Net weight)</td>
<td></td>
</tr>
<tr>
<td>TV with stand</td>
<td>12.5KG</td>
</tr>
<tr>
<td>TV without stand</td>
<td>12.0KG</td>
</tr>
<tr>
<td>Operation environment temperature</td>
<td>0°C-40°C</td>
</tr>
</tbody>
</table>

### Accessories

- User’s manual
- Remote control

**Note:** Due to TV may be used with different display screen, weight marked in this user’s manual or in packaging box are subject to change without notice.
Overview

The buttons on the lower-right panel control your TV's basic features, including the on-screen menu. To use the more advanced features, you must use the remote control.

1. INPUT
   Toggles between all the available input sources.

2. MENU
   Press to see an on menu of your TV's features.

3. PROG △/▽
   Press to change programs. In the on-screen menu, use the PROG △/▽ buttons as up/down arrow buttons.

4. VOL < >/>
   Press to increase or decrease the volume. In the on-screen menu, use the VOL < >/> buttons as left/right arrow buttons.

5. Standby button
   Press button to toggle between normal and standby mode.

6. REMOTE CONTROL SENSOR
   Aim the remote control towards this spot on the TV.

7. POWER INDICATOR

8. POWER SWITCH
   OFF ON

INPUT
MENU
CH
VOL △▽

USB 2
Headphone
USB 1

DVD player
Camcorder
PC
Blu-ray disc player
PC (HDMI-output)
Remote Control

1. **POWER** button
   - Turns the television on from the stand-by mode.

2. **INPUT** button
   - Press to select the desired input.

3. **NICAM** button
   - NICAM/A2 input or output.

4. **ASPECT** button
   - Page aspect ratio selection, (Zoom1, Zoom2, Auto, 4:3, Full)

5. **PMODE** button
   - Repeatedly press to select a picture mode.

6. **SMODE** button
   - Repeatedly press to select a sound mode.

7. **Numerical buttons 0-9**
   - Press 0-9 to directly select a TV channel while watching the TV. In teletext mode enter the page number, etc.

8. **--/-** button
   - It is used to enter channel numbers with various digit counts, e.g. for 1 – 11 – 111.

9. **RECALL** button
   - Button for switching to the previously watched channel.

10. **FAV** button
    - Press in the TV mode to enter/exit the favourites menu.

11. **FREEZE** button (freeze)
    - Freeze the picture

12. **TV/RADIO** button
    - Switching between the television and radio modes.

13. **SLEEP** button
    - Set the automatic shut off time for the television.

14. **EPG** button
    - Press to show/hide the electronic program guide.

15. **\(\uparrow/\downarrow/\leftarrow/\rightarrow/\text{ENTER}\)** buttons
    - Used for navigating in a menu on the screen and for setting up the television according to your preferences.

16. **MENU** button
    - In TV mode, it displays the LCD television’s main menu.

17. **EXIT** button
    - Function for exiting a menu or a screen.

18. **VOL+/- buttons**
    - Press to increase/decrease the volume.

19. **CH +/- buttons**
    - Press to switch between individual channels.

20. **DISPLAY** button
    - Button for displaying the source and information about channels.

**Loading batteries:**
- Remove the lid of the battery compartment; insert 2 AAA size batteries with polarities as indicated inside the compartment; replace the lid.
21. MUTE button
Press to mute the sound. Press it again to renew
the sound or press VOL +.

22. HOLD/II button
HOLD button: hold the current display
In the MEDIA mode: Playback/pause or start
a time shift recording

23. REVEAL/ button
REVEAL button: Press REVEAL to display or hide
hidden teletext information (depends on the
broadcast).
 button: fast rewind

24. SIZE/ button
SIZE button: Press SIZE to change the size of the
screen in the MEDIA mode.
 button: fast forward

25. INDEX/ button
INDEX button: call up a teletext content page.
 button: Stop recording / playback.

26. button
In the MEDIA mode: skip to the previous track

27. S.PAGE/ button
S.PAGE button: Press S.PAGE to enter a teletext
subpage.
 button: skip to the next track

28. TTX button
Turn teletext on or off.
Note: The teletext function is optional and the
availability of buttons depends on the model.
Teletext information fully depends on the
operator of the channel.

29. T.SHIFT button
It is used to start recording with a time shift (i.e.
time shift). Function is only available in the DTV
mode.

30. AUDIO button
DTV/MEDIA mode: select a background sound,
if available.
ATV mode: select a sound mode: Stereo/Dual I/
II/Mono.
Other sources: select the left / right channel

31. SUBTITLE button
Button for showing / hiding subtitles in the
bottom part of the screen, if they are available.

32. AUTO / REC button
AUTO button: Used for automatic configuration in
the PC mode.
REC button: Press to start recording. (only in the
DTV mode.)

33. LIST button
It is used to enter / exit the channel list menu and
other PVR functions.

34. RED, GREEN, YELLOW, BLUE buttons:
corresponds to various function colors in the
menu or teletext. USB MEDIA: BLUE button
- repeat mode set and movie subtitle coding
selection.

Note:
Remove battery during storage or when you are
not using the device for a long time.
  • To control the device using the remote
control, point the remote control at the
device and then press the button with the
required function. The maximum range
of the remote control is about 5 meters
with a deviation of up to +/- 30° from the
perpendicular direction to the reception
sensor of the remote control on the front
side of the device. The falling capacity of
the batteries gradually reduces the remote
control range. There must be no solid
obstacles in the area between the remote
control and the device when the remote
control is being used.
  • During standard use the lifetime of batteries
in the remote control is about 1 year.
When the effective range of the remote
control is substantially reduced, or when
there are problems with its use, change
both the batteries in the remote control.
If you will not be using the remote control
for a longer period of time, take out both
batteries from it – in this way you will
prevent potential damage caused by their
leakage.
  • Avoid strong impact of light (e.g. sunlight or
light from strong fluorescent/saving sources)
which can reduce the effectiveness and
reliability of IR remote control.

Important note:
Button description of the remote control can be
provided in two versions, but functions do not
change.
1) OK and ENTER buttons – function is identical.
2) ● and REC buttons – function is identical.
Menu Operation

Changing the Input Source

Press the INPUT to select the input source.
Press the ▲/▼ to cycle through the input source, and press the ENTER to confirm your choice.

How to Navigate Menu

Before using the TV follow the steps below to learn how to navigate the menu in order to select and adjust different functions. The access step may differ depending on the selected menu.
1. Press the MENU button to display the main menu.
2. Press the ◄/► button to cycle through the main menu.
3. Press the ▲/▼ button to select the desired sub item.
4. Press the ENTER button to access the submenu.
5. Press the ▲/▼/◄/► button to select the desired value. The adjustment in the OSD may differ depending on the selected menu.
6. Press the MENU button to return to the previous menu.
7. Press the EXIT button exit from the menu.

NOTE:
- When an item in MENU is displayed gray, it means that the item is not available or cannot be adjusted in current menu or submenu.
- Buttons on the TV have the same function as corresponding buttons on the remote control. This manual focuses on operation of the remote control.
 CHANNEL Menu
Press Menu button to show Channel, Picture, Sound, Time, Option, Lock

Press ◀/▶ button to switch menu.
Press ▼/▲ button to select Menu item.

Auto Tuning
Press ▼/▲ button to select Auto Tuning. After pressing OK button, you can see a interface of auto tuning.

DVB-T Manual Tuning
Press ▼/▲ button to select Manual Tuning and press OK button to show manual tuning list. Through ▼/▲ button, you are able to select channel number. You can also directly press number keys to select channel number, and then press OK button to start searching channel.

LCN Sorting
Select LCN Sorting with ▼/▲ button, and then press OK button. Next, the LCN sorting can be open or closed by ◀/▶ button.
Program Edit
Press ▼ / ▲ button to select Program Edit, then press Enter button to enter sub-menu.

First press ▼ / ▲ to highlight the channel you want to select, then:

Press the Red button to add or remote the channel to your favorite list.

Press the Blue button to skip the select channel.
(Your TV set will skip the channel automatically when using CH+/- to view the channels.)

PICTURE Menu
Select the a type of picture to suit your viewing requirements.
You can choose the Picture Mode.
You can change the value of Contrast, Brightness, Color, Tint (NTSC only),
Sharpness, Color Temperature, Aspect Ratio, Noise Reduction

SOUND Menu
Select the a type of sound to suit your viewing requirements.
You can change the value of Treble and Bass when the sound is in User Mode.
Press ▼ / ▲ button to select the above menu items and go into next interface with OK button. Then, press ▼ / ▲ button to adjust

TIME Menu
Select the a type of time to suit your viewing requirements.
You can change the value of Clock, Persia Clock, Off Time, On Time, Sleep
Auto Sleep, Time Zone.
Clock
Press ▼ / ▲ button to select Clock and go into next interface with OK button. Then there appear clock list and four menu item. The customer can set date, month, year, hour,
minute at freedom.

Off Time
Select Off Time with ▼ / ▲ button and press OK button to go into sub_menu. Customer can firstly set the date of off time, then select the hour and minute.

On Time
Select On Time with ▼ / ▲ button and press OK button to go into sub_menu. Customer can firstly set the date of on time. Then the hour, minute, channel, volume can be altered to set specific on time.

Auto sleep
Select Auto sleep with ▼ / ▲ button and press OK button. Then with ◀/▶ button, the function of auto sleep can come true.

Sleep Timer
Select Sleep Timer with ▼ / ▲ button and press OK button. Then with ◀/▶ button, the sleep timer can be open and set to specific sleep time.

LOCK Menu

Select the a type of lock to suit your viewing requirements. You can change the status of Lock System, Set Password, Block Program, Parental Guidance and Clear Lock.

Lock System
Select System Lock with ▼ / ▲ button and then press OK button to select on/off to open or close the lock function.

SET Password
Select Set Password with ▼ / ▲ button. Then press OK button to input old password “ 0000” and set new password.

Block Programme
Select Block Programme with ▼ / ▲ button, and press OK button. Then you can add some channel to block programme.

Parental Guidance
Select Parental Guidance with ▼ / ▲ button, and then press OK button. With ◀/▶ button, the parental guidance can be open or closed.

Option Menu

Select the a type of setup to suit you viewing requirements. You can change the status of OSD Language, Audio Language, Subtitle Language, PVR File System, Reset, Blue Screen, OSD Time.

OSD Language
Press ▼ / ▲ to select OSD Language and select language with ▼ / ▲ or button. And then...
press OK button.

**Caption**
Select Caption with ▼ / ▲ button and press OK button. Then by ▼ button, the caption can appear or vanish.

**Reset**
Select Reset with ▼ / ▲ button and then press OK button. The system can be changed to factory default.

**OSD Timer**
Select OSD Timer with ▼ / ▲ button and then press OK button. By ◀ / ▶ button, you can choose specific time.

**PVR File System**

Insert the U disk and press ▼ / ▲ button to select PVR File System, then press Enter button to enter sub-menu. It is available in source.

Select disk: Press ▼ / ▲ button to select Select Disk, then press Enter button to enter.

Record Max Time: Select the special time with ◀ / ▶ button.

Format: Press ▼ / ▲ button to select Format, then press Enter button to enter. The USB will be formatted.

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**Media Operating Interface**

The Screen Menu is available to media mode. You can play MOVIE, TEXT, PHOTO and MUSIC.
Photo Show
1. Insert USB Port to USB entry.
2. Select photo with ◄/► button, and then press OK button to enter sub_menu.
3. Select C:\, press OK button to go into sub_menu.
4. Select the specific photo, and press ►► button to play, press ◄◄ button to play previous one, press ►► to play next one.

Music Play
1. Insert USB Port to USB entry.
2. Select music with ◄/► button and then press OK button to enter sub_menu.
3. Select C:\, press OK button and sub_menu will appear.
4. Select the specific music, and press ►► button to play, press ◄◄ button to play previous one, press ►► to play next one.
5. Press Exit button to exit.

Film Play
1. Insert USB Port to USB entry.
2. Select film with ◄/► button, and then Press OK button to enter sub-menu.
3. Select C:\, press OK button and sub_menu will appear.
4. Select the specific film, and press ►► button to play, press ◄◄ button to play previous one, press ►► to play next one.
5. Press Exit button to exit.

Text Show
1. Insert USB Port to USB entry.
2. Select photo with ◄/► button, and then press OK button to enter sub_menu.
3. Select C:\, press OK button and sub_menu will appear.
4. Select the specific text, and press ►► button to play, press ◄◄ button to play previous one, press ►► to play next one.
5. Press Exit button to exit.

USB Mode
Press SOURCE button to show Photo, Music, Movie, Text. Press ◄/► button to choose specific menu and the adjustable value. In their sub_menu, choose menu item press with ◄/ v or ◄/► button.
USB Multimedia Playback Format: avi/mpg/dat/mov/mkv

External connection
Assemble the stand
If you need to install the pedestal, please special screws install on the TV. notice: Must form a complete set of product pedestal
# Trouble shooting

If you have any problem, check the countermeasure for each symptom listed below. The following symptoms may have caused by inappropriate adjustment rather than actual malfunction of the unit. If the trouble persists, contact the service center.

<table>
<thead>
<tr>
<th>Problem</th>
<th>Possible Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Poor picture and sound quality</td>
<td>Try another channel. Adjust the antenna. Check all wire connections.</td>
</tr>
<tr>
<td>No picture or sound under TV status</td>
<td>Try another channel. Press the TV/AV button. Make sure the TV is plugged in. Check the antenna connections.</td>
</tr>
<tr>
<td>No sound or sound is too low at maximum volume</td>
<td>First, check the volume of units connected to your TV. Adjust the TV volume accordingly. Check sound adjustment(Volume and Mute)</td>
</tr>
<tr>
<td>No color, wrong colors or tints.</td>
<td>Make sure the program is broadcast in color. Select the picture menu, then adjust the color or tint submenu to the proper value.</td>
</tr>
<tr>
<td>Picture rolls vertically</td>
<td>Check all wire connections.</td>
</tr>
<tr>
<td>Blurred or snowy picture, distorted sound</td>
<td>Check the direction, location and connections of your antenna. This interference is often due to the use of an indoor antenna.</td>
</tr>
<tr>
<td>Remote control malfunctions</td>
<td>Replace the remote control batteries. Check the battery terminals. Remote is out of range, move close to TV Confirm there is no obstructions between remote and TV Make sure power cord is plugged in</td>
</tr>
<tr>
<td>Image is not centered on the screen.</td>
<td>Adjust the horizontal and vertical position</td>
</tr>
<tr>
<td>Clean TV set</td>
<td>When cleaning the LCD screen, please pull out the power plug, use dry and soft and clean cloth to clean the dust on the screen and shell. In case of further cleaning for the screen, please use clean wet cloth. Do not use raphtha, thinner or similar liquids for cleaning.</td>
</tr>
<tr>
<td>Colored point</td>
<td>This product adopts a high-resolution LCD TV, and the colored point of some pixels may occur due to the special feature of the product. For a few of colored points, this shall not be related with terrible product performance or product reliability. and in case of this situation, the service of the product will not be influenced. For the criterion of colored points, our company has similar products with others. The colored point in conformity with the product criterion is not covered by the return scope of the product due to quality problems. We hope our respected customers will forgive us.</td>
</tr>
</tbody>
</table>
Picture defects and countermeasures

The most common types of television interference are as following:

SNOWY PICTURE
Snowy picture is usually caused due to weak signal. Adjust antenna or install an antenna amplifier.

DOUBLE IMAGES OR “GHOSTS"
Double images are usually caused by reflections from tall buildings. Adjust the direction of the antenna or raise it.

RADIO WAVE INTERFERENCE
Wave pattern are moving on the screen, which are usually caused by nearby radio transmitter or shot-wave receiving equipment.

HIGH TEMPERATURE ELECTROTHERMAL INTERFERENCE
Diagonal, or herring-bone, patterns appear on the screen or part of picture is missing. This is probably caused by high temperature electrothermal equipment in the nearby hospital.

NOTE: If one of these symptoms appears on the screen when the cable from a company is connected, this may be due to the local cable company broadcast.