

SANSUI

USER MANUAL



Led TV (32)

Model No.: JSC32NSHD

Thank you for buying our product.

Please make sure to read the **Operation Manual** before operating the product to ensure safe use. Also, keep the manual handy for reference.



CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN



WARNING:

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



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.



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.

REGULATORY INFORMATION

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communication. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the designated service center or customer care for help. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

CAUTION

Do not attempt to modify this product in any way without written authorization from Sansui. 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.

WARNING

To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, table-cloths, curtains, etc. The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus. Attention should be drawn to the environmental aspects of battery disposal. Don't throw used batteries in dustbin. Please contact your retailer in order to protect the environment. When you install your TV, maintain a distance of at least 4 inches 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. No naked flame sources, such as lighted 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 power off and power on again. To avoid any injury caused by overturn of the product, please always ensure the whole product is placed within the table surface in horizontal.

CAUTION

While connecting the Power Cord, most appliances recommend to 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 its appearance indicates damage or deterioration, unplug it. Discontinue use of the appliance, and have the cord 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 disconnected device shall remain readily operable.

Operating Temperature: 5°C to 45°C

Operating Humidity: ≤80%

Storage Temperature: -15°C to 45°C

Storage Humidity: ≤90%

☐ This equipment is a Class or double insulated electrical appliance. It has been designed in such a way that it does not require a safety connection to electrical earth.

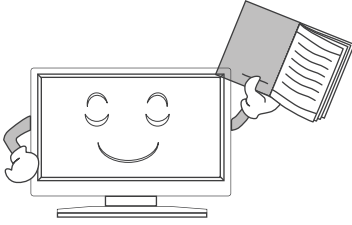
◆ ~ : It Indicates alternating current.

◆ — : It Indicates direct current

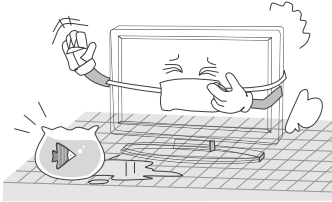
IMPORTANT SAFETY INSTRUCTIONS

Read these instructions and heed all warnings.

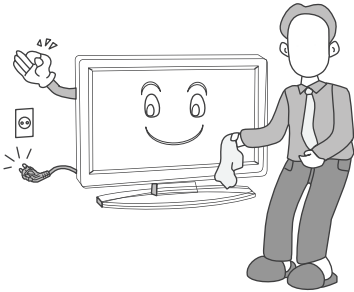
Follow all instructions carefully:



1. Do not use this apparatus near water.



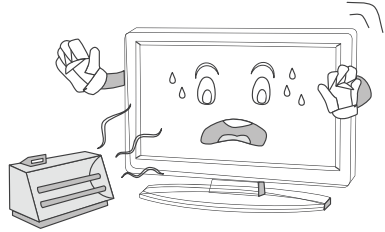
2. Clean only with a dry cloth.



3. Do not block any of the ventilation openings. Install in accordance with the manufacturer's instructions.



4. Do not install near any heat source such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

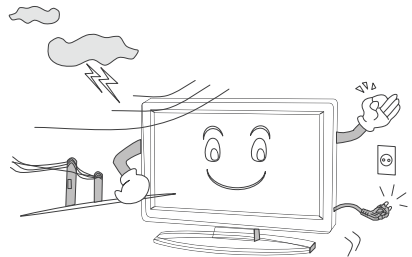


5. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

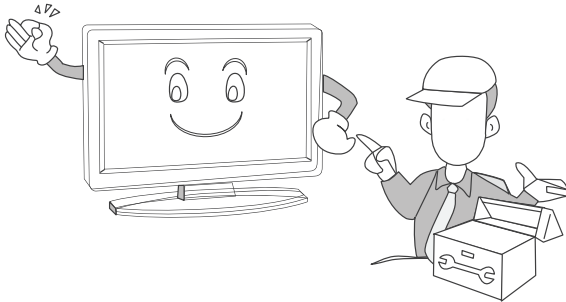


6. Only use the attachments/accessories specified by the Sansui.

7. Unplug this apparatus during lightning storms or when unused for long periods of time.



8. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

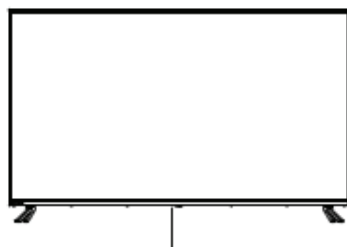


NOTE:

- Disposal of this product must be carried out in accordance to the regulations of your local authority. Do not dispose of this product with general household waste disposal.
- Some minute dot defects may be visible on the screen, appearing as tiny red, green, or blue spots. However this do not have adverse effects on the apparatus performance.
- Avoid touching the screen or holding your finger(s) against it for long periods of time. Doing so may produce some temporary distortion effect on the screen.
- 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, reduce the 'brightness' and 'contrast' when displaying still images

Connection

Turn off and unplug all components before making connections. Do not turn on the TV until connection setup is completed.



Remote sensor
Power Indicator

Input Connector	Video Connection HDMI connection	Audio Connection	High or Standard Definition Quality
HDMI		HDMI cable carries both video and audio signals. Separate audio cable is not needed. (When HDMI is connected to DVI with an adapter, a separate audio L/R is necessary)	1080p, 1080i, 720p, 576p. 576i.480p, 480i, PC (Compatible with HD or SD content)
ANT	RF connection 		75
PC	PC connection 	PC audio 	1366x768(60Hz)
AV IN			576i.480p (SD content)
USB2.0			USB2.0
DIGITAL AUDIO OUT			

Cable Installation

Before the installation and use, please read carefully the relevant content in “Warning and Safety instructions”.

1. Take out the TV from the wrapping package and put it in a drafty and flat place.

NOTE:

- When you plug or unplug the power cable, you must make sure that the TV, computer or other equipment have been already shut down. When unplugging the power cable or signal cable, please hold the plug (the insulated part). Do not draw the body of the cable.
2. **HDMI:** Supports AV devices with an HDMI connector (such as set-top box, DVD player, digital TV set, etc.).HDMI is also called as high-definition multimedia interface, and it can transmit digital audio and video signal with one cable.

NOTE:

While connecting the HDMI, make sure to avoid overexertion as the pin might break.

3. **ANT:** Used to connect the antenna or the cable TV network, and receives outdoor antenna signals or closed circuit TV signals.
4. **PC:** Connect one end of the VGA cable to the VGA port on computer, connect the other end of the VGA cable to the VGA port on the TV, and tighten the bolts clockwise on the each end of VGA cable.


NOTE:

While connecting the 15-pin VGA, make sure to avoid overexertion as the pin might break.

5. **AV IN:** The output AV terminal of DVD can be connected with the AV input port of the TV through AV cable.

NOTE:

If AV works as mini terminal, please choose to use a one-to-three audio & video cable.

6. **USB2.0:** USB port is used to connect USB devices such as USB Disk.
7. **DIGITAL AUDIO OUT:** Sends the TV's digital audio signal to external audio equipment via the Digital Audio Output port.
8. **HEAD PHONE:** Connect a 3.5mm headphone for personal audio.
9. :Press to turn on the TV's power on/off.
- 10.Connect the power cable with 100-240V power supply

NOTE:

- ◆ The range of power input for the TV is 100-240V~ 50/60Hz. Do not connect the TV power input port with the power cable out of the above range.
- ◆ Please hold the insulated part of the plug when you are unplugging the power cable. Do not touch directly the metallic part of the cable directly.

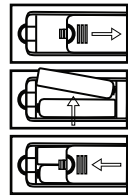
Using the Remote Control

When using the remote control, aim it at remote sensor on the television. If there is an object between the remote control and the remote sensor on the unit, the unit may not operate.

- ◆ Point the remote control at the REMOTE SENSOR located on the television.
- ◆ When using this television in a very brightly lit area, the infrared REMOTE CONTROL SENSOR may not work properly.
- ◆ The recommended effective distance for using the remote control is about 7 meters.

Installing Batteries in the Remote Control

1. Open the cover at the back of the remote control.
2. Install two AAA size batteries. Make sure to match the "+" and "-" ends of the batteries with the diagram inside the compartment.
3. Put back the cover.



Battery Replacement

You will need to install the batteries into the remote control to make it operate. Follow the instructions below.

When the batteries become weak, the operating distance of the remote control will be greatly reduced and you will need to replace the batteries.

Notes on Using Batteries:

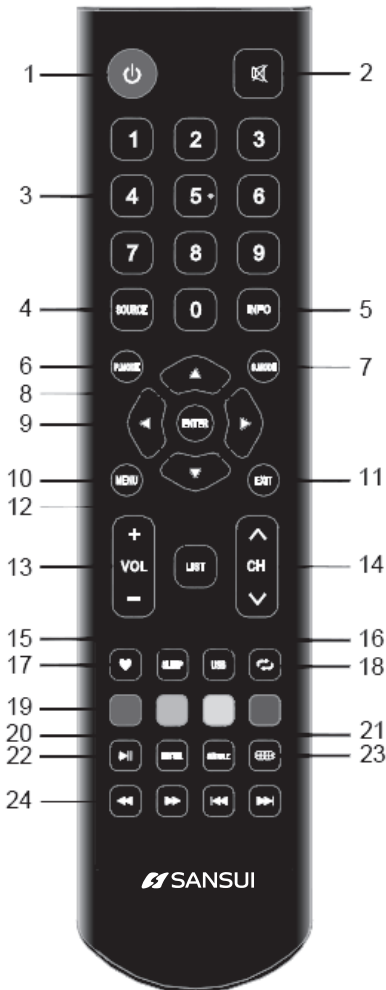
The use of the wrong type of batteries may cause chemical leakage and/or explosion. Please note the following:

- Always ensure that the batteries are inserted with the + and - terminals in the correct direction as shown in the battery compartment.
- Different types of batteries have different characteristics. Do not mix different types.
- Do not mix old and new batteries. Mixing old and new batteries will shorten battery life and/or cause chemical leakage.
- Replace batteries as soon as they do not work.
- Chemicals which leak from batteries may cause skin irritation. If any chemical matter seeps out of the batteries, wipe it up immediately with a dry cloth.
- The batteries may have a shorter life expectancy due to storage conditions. Remove the batteries whenever you anticipate that the remote control will not be used for an extended period.
- The batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or etc.

CAUTION:

- It may result in an explosion if batteries are replaced incorrectly.
- Replace batteries with the same or equivalent type only .

The buttons of the original remote control are as following:



Definition of the buttons on remote control:

1. **POWER:** Turn the TV set on/off.
2. : Mute or restore sound
3. **NUMBER BUTTONS:** Use to choose channels (in TV mode)
4. **SOURCE:** Select signal source.
5. **INFO:** Show info of current program.
6. **P. MODE:** Press to change the picture mode.
7. **S. MODE:** Press to change the sound mode.
8. **ENTER:** Select or confirm menu item.
9. : Select direction.
10. **MENU:** Press to display/hide the on-screen menus or to quit some operations.
11. **EXIT:** Quit the current interface.
12. **LIST:** Press to call up the channel list. Press again to exit.
13. **VOL+/VOL-:** Increase/Decrease audio volume.
14. **CH^/CHv:** Scroll to next/previous channel.
15. **SLEEP:** Set the sleep timer.
16. **USB:** Set the USB timer.
17. : Press to display the Favorite program in TV mode. (You should setup your favorite channels in Program Edit menu)
18. : Return to last viewed program.
19. **COLOUR BUTTONS:** Red/green/yellow/blue key navigation link.
20. **STILL:** Freeze or activate the current picture.
: STOP (in USB mode)
21. **SUBTITLE:** Enter the subtitle menu.
22. : Play / Pause (in USB mode).
23. : Adjust displayable aspect ratio.
24. : Fast reverse (in USB mode)
: Fast forward (in USB mode)
: Previous (in USB mode)
: Next (in USB mode)

NOTE:

All pictures in this manual are examples, only for reference, actual product may differ from the pictures. The buttons not mentioned here are not used.

Turning on and off the tv

- **Turn on the TV**

Connect the TV to your mains socket.

If TV has a power switch, turn it on firstly. In standby mode, press Power button on the remote to turn on the TV.

- **Turn off the TV**

Press the Power button on the remote control to enter standby mode. Do not leave your TV in standby mode for long periods of time. It is best to unplug the power cord.

NOTE:

- To ensure the normal use of the TV, the frequent turning on and off is forbidden. When there is an accidental power off, it is recommended to unplug the power cable from the power socket.

- **No signal**

During TV or external input mode, if there is no signal reception or external device is disconnected, the TV will automatically go to standby mode after approx. 15 minutes (In PC input mode: 1 minute).

Choosing a TV channel

- **Using the CH \wedge /CHV on the remote control.**

Press **CH \wedge** to increase channel number.

Press **CHv** to decrease channel number.

- **Using 0-9 digital buttons.**

You can select the channel number by pressing 0 to 9.



Additionally, if any number button is pressed, the corresponding channel would be played and the TV will automatically switch to the TV mode.

- **Example**

To select - channel (e.g. Channel 5): Press 5.

To select -- channel (e.g. Channel 20): Press 2 and 0 instantly

Volume Adjustment

- Press the VOL+/- button to adjust the volume.
- If you want to switch the sound OFF, press the  button.
- You can release mute by pressing the  or increasing the volume.

Changing the Input Source

- You can select the input source by pressing the SOURCE button on the remote control.
- Press the arrow button to cycle through the input source, and press the ENTER button to confirm your choice.

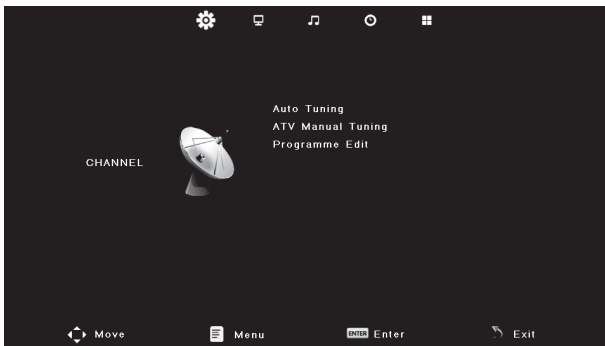
Before using the TV follow the steps below to learn how to navigate the menu in order to select and adjust different functions. The access step may differ depending on the selected menu.

1. Press **MENU** button to display the main menu.
2. Press **◀ / ▶** 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 **▲ / ▼ / ◀ / ▶** buttons 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 to exit from the menu.

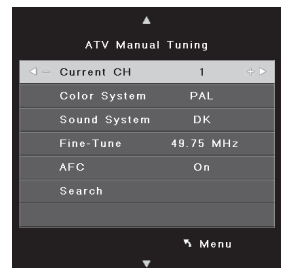
NOTE:

- When an item in **MENU** is displayed in grey, it means that the item is not available or cannot be adjusted.
- Some items in the menus may be hidden depending on modes or signal sources used.

Channel Menu



- **Auto Tuning:** Press the ENTER button to start Auto Tuning which automatically scan and store all available programmes.
- **ATV Manual Tuning:** Manual store for ATV channels.
 - Current CH:** Set the channel number.
 - Color system:** Select the color system.
 - Sound System:** Select the sound system.
 - Fine-Turn:** Adjust the frequency of the channel finely.
 - AFC:** Automatic Fine Tuning.
 - Search:** Press the **◀** button to search down from the current frequency, and press the **▶** button to search up.



Programme Edit

Press the \blacktriangle / \blacktriangledown buttons to select the Programme Edit, then press the **ENTER** button to enter sub-menu.

First press the \blacktriangle / \blacktriangledown buttons to highlight the channel you want to delete, skip, rename or move, then:

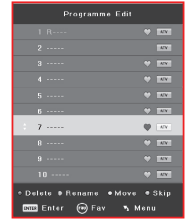
Press the **RED** button to delete the channel.

Press the **GREEN** button to rename the channel.

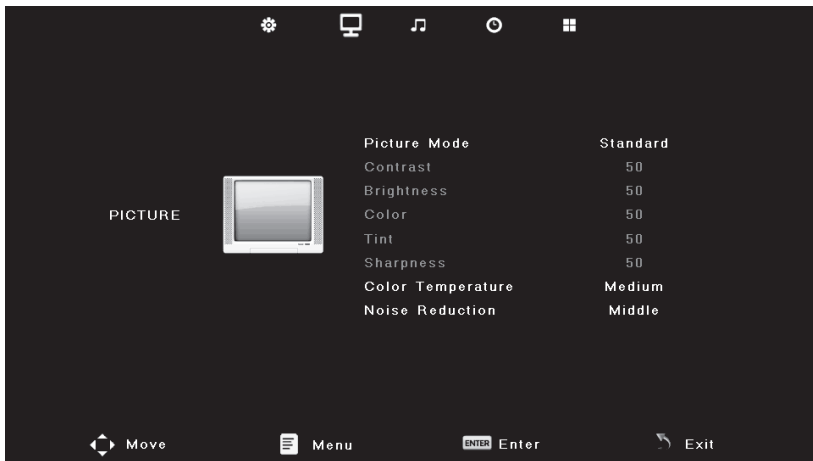
Press the **YELLOW** button to set the channel to moving state, then press the \blacktriangle / \blacktriangledown buttons to move it to the position you want to put.

Press the **BLUE** button to skip the selected channel. (Your TV set will skip the channel automatically when using **CH \wedge /CHV** to view the channels.)

Press the \heartsuit button to add or delete the channel in your favorite list.



Picture Menu



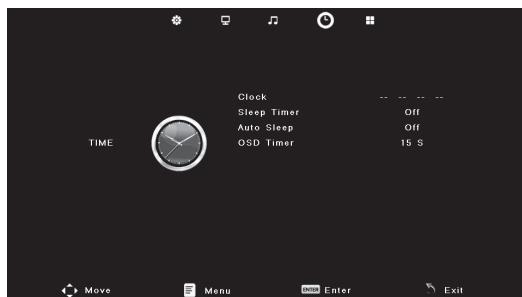
- **Picture Mode:** You can select the type of picture which best corresponds to your viewing requirements. Contrast, Brightness, Color, Tint and Sharpness can be adjusted when the picture mode is set to User.
- **Contrast:** Adjust the white level of the picture.
- **Brightness:** Adjust darkness of black sections in the picture.
- **Color:** Adjust the color intensity of the picture.
- **Tint:** Adjust the hue of the picture. (Only in the NTSC mode)
- **Sharpness:** Object edges are enhanced for picture detail.
- **Color Temperature:** Select the color temperature that you feel comfortable to watch.
- **Noise Reduction:** Reduces the picture noise in a weak broadcast signal.

Sound Menu



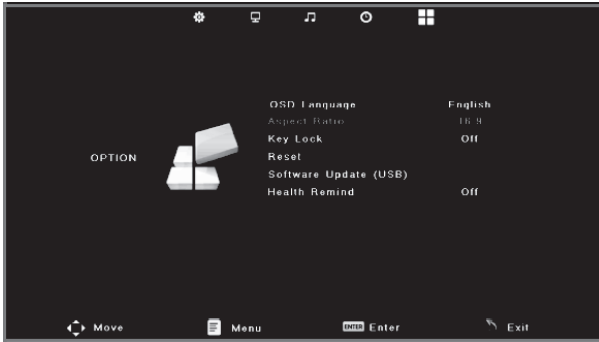
- **Sound Mode:** You can select a sound mode to suit your personal preferences. Five-stage equalization setting can be adjusted when the sound mode is set to User.
- **Five-stage equalization setting:** Press the \uparrow/\downarrow button to select: 120 Hz, 200Hz 500 Hz, 3 KHz, or 12 KHz, and then press the left / right button to adjust the frequency equalization of the sound.
- **Balance:** Adjust the level of sound coming from the left and right speakers.
- **Auto Volume:** Auto Volume automatically remains on the same level of volume if you change programmes. Each broadcasting station has its own signal conditions, volume adjustment may be needed every time when the channel is changed. This feature allows users to enjoy stable volume levels by making automatic adjustments for each program.
- **SPDIF Mode:** You can select the SPDIF Mode.

Time Menu



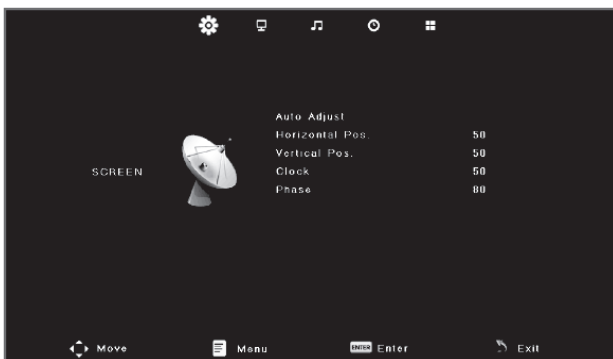
- **Clock:** Edit the time of the TV.
- **Sleep Timer:** Select the time to turn the TV to standby mode automatically. To cancel the Sleep Timer, set it to "Off".
- **Auto Sleep:** Select the time in hours (off, 3H, 4H, 5H) that you want your TV to remain switched on after your last operation. Cancel by setting it to "Off".
- **OSD Timer:** Select the time in seconds (5s, 15s, 30s) that you want the On-Screen Menu remains display after your last operation.

Setup Menu



- **OSD Language:** Select your preferred On Screen Display language.
- **Aspect Ratio:** You can select the picture size which best corresponds to your viewing requirements.
- **Key Lock:** Lock or unlock the key panel buttons on the TV. Press the ◀ / ▶ buttons to select On or Off.
- **Reset:** Restore the default setting.
- **Software Update (USB):** Update the software using the USB memory device. Please be careful not to disconnect the power or remove the USB drive until updates are completed.
- **Health Remind:** Switch the Health Remind on or off. When Health Remind is set to On, a prompt picture will remind you to have a break at intervals of two hours.

Screen Menu (in PC mode)



1. Press the **MENU** button to call up the **SCREEN** menu.
2. Press **▲/▼** buttons to select the option that you want to adjust in the **SCREEN** menu.
3. Press **ENTER** button to adjust.
 - **Auto Adjust:** To adjust all the PC settings automatically.
 - **Horizontal Pos.:** To adjust the horizontal placing of the image.
 - **Vertical Pos.:** To adjust the vertical placing of the image.
 - **Clock:** Eliminates the vertical (Clock) interfering lines.
 - **Phase:** To adjust the phase of the image.

USB Operation

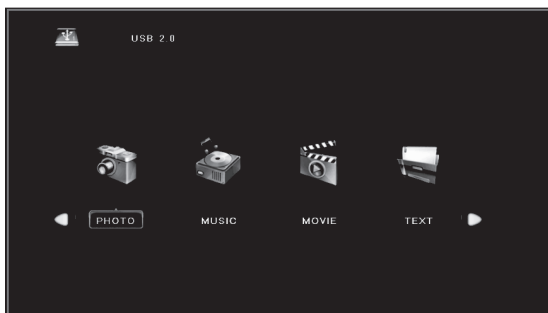
- First, insert a USB memory device into the USB port.
- Press the **SOURCE** button to call up the Signal Source Selection menu. Use the **▲/▼** to highlight **USB**, and the **ENTER** button to access the USB mode. You may also use the signal source selection menu to exit from the USB mode.

NOTE:

- ◆ Special USB device may not be well supported.
- ◆ USB max. Load: DC5V 500mA.
- **The formats supported**

The USB function can support the USB device with USB memory.
It can play PHOTO, MUSIC, MOVIE or TEXT files.

Photo Format Support: JPEG, BMP, PNG.
Music Format Support: MP3, M4A AAC .
Movie Format Support: MPG.
Text Format Support: TXT.
- **Main Operating Interface**



Basic operation

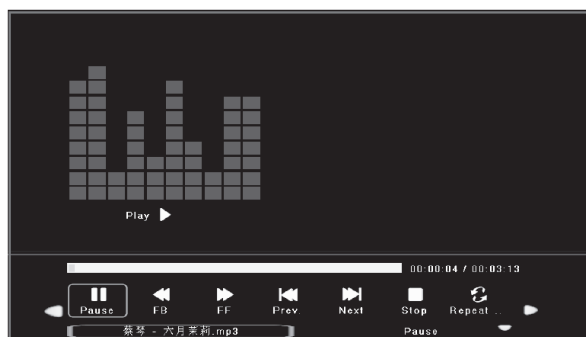
1. Use the **◀/▶** buttons to select **PHOTO**, **MUSIC**, **MOVIE** or **TEXT**. Press **ENTER** button enter into sub-menu.
2. Use the arrow buttons and **ENTER** button to enter the desired disk. Press **ENTER** to open the folder.
3. Use the arrow buttons to highlight the file. Press **▶||** button to play the selected files.
4. Press the **■** to stop the playing files.
5. Press **EXIT** button to return to the previous menu or to exit menu.

When playing Photo files:



- Press the **INFO** button on the remote control to hide/display the on-screen toolbar.
- Use the ◀ / ▶ buttons, then press **ENTER** to select a function such as Previous, Next, Rotate, Enlarge from the on-screen toolbar.
- Press **■** or **EXIT** buttons to exit playback & go back to file list page.

When playing Music files:



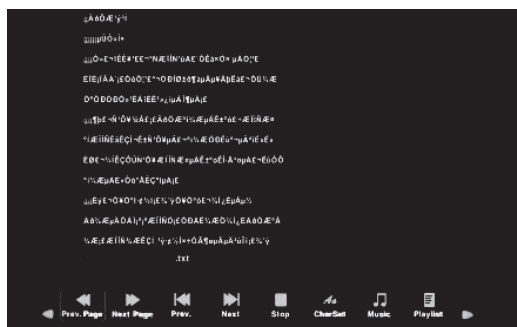
- Press the **INFO** button on the remote control to hide/display the on-screen toolbar.
- Use the ◀ / ▶ buttons, then press **ENTER** to select a function such as Previous, Next, Play, Pause from the on-screen toolbar.
- Press **■** or **EXIT** buttons to exit playback & go back to file list page.

When playing Movie files:



- Press the **INFO** button on the remote control to hide/display the on-screen toolbar.
- Use the ◀ / ▶ buttons, then press **ENTER** to select a function such as Play, Pause, Previous File, Next File from the on-screen toolbar.
- Press ■ or **EXIT** buttons to exit playback & go back to file list page.

When playing Text files:



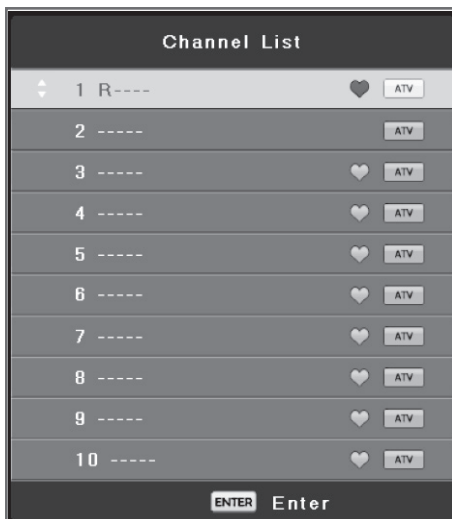
- Press the **INFO** button on the remote control to hide/display the on-screen toolbar.
- Use the ◀ / ▶ buttons, then press **ENTER** to select a function such as Play, Pause, Previous File, Next File from the on-screen toolbar.
- Press ■ or **EXIT** buttons to exit playback & go back to file list page.

NOTE:

- ♦ To play your multimedia files, make sure you have selected the correct icon in the main media playback menu.

Channel List

Press **LIST** button to display the Channel List.
Press the **◀ / ▶** buttons to select the channel
and press **ENTER** to watch it.
Press **LIST/EXIT** button to exit the channel list.



Favourite List

Press **LIST** button to display the Favourite List.
(You should setup your favourite channels in
Program Edit menu)
Press the **▼ / ▲** buttons to select the channel
and press **ENTER** to watch it.
Press **EXIT** button to exit the favourite list.



When you meet the following common problems, try to follow the recommended solutions. If the problem is not diagnosed, contact the technician.

Symptoms	Possible Reason	Solutions
No picture, no sound, and no indicator light on	1.The power cord is not plugged in 2.The power is off	1.Plug the power cord in 2.Turn the power on
Picture and sound with abnormality	1.Contrast, sharpness, and color are set improperly 2.Color system is set improperly 3.Sound system is set improperly	1.Adjust the value of contrast, sharpness, and colour 2.Set the color system as per the country broadcasting standard 3.Set the sound system as per the country broadcasting standard
Picture is spotted	Signal source is low-grade or the signal cord is in a lower quality	Use the standard signal cord
No picture, no sound and indicator light is green/blue	Volume is in the minimum value or TV is in mute mode.	Adjust the value of volume
	The signal cable is not correctly connected.	Connect the signal cable correctly
Blue screen, no AV is displayed	There is no signal input or the video cable is not connected or incorrectly connected	Connect the video cable correctly
Picture is unclear or shaking or with black horizontal strips (in PC mode)	PC picture is not correctly adjusted.	Enter into Screen menu, select Auto Adjust item to perform automatic calibration and adjust Phase to solve the problem
PC picture is not centered		
No sound	There is no audio signal input or audio cable is not connected correctly	Connect the audio cable correctly
PC picture display with improper color	The color temp is adjusted incorrectly by user	Readjust the color temp. or select the original color setting
HDMI source, with snow pixel of full screen	The source generated is not standard	Plug the HDMI cable again
The remote control does not work	Batteries are improperly installed or exhausted	1. Make sure the positive and the negative polarities are correct. 2.Check if there is a loose contact between the batteries and the springs 3.Replace the batteries

Maintenance

Early malfunctions can be prevented. Careful and regular cleaning can extend the life of your new TV. Be sure to turn the power off and unplug the power cord before you begin any cleaning.

Cleaning the screen

1. Here's a great way to keep the dust off your screen for a while. 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 used it to wipe the screen.
2. Make sure the excess water is off the screen, and then let it air-dry before you turn on your TV.

Cleaning the cabinet

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

Extended Absence



If you expect to leave your TV dormant for a long time (such as a vacation), it's a good idea to unplug the power cord to protect against possible damage from lightning or power surges.

Disposal of old electrical appliances



The European directive 2012/19/EU on Waste Electrical and Electronic Equipment (WEEE), requires that old household electrical appliances must not be disposed of in the normal unsorted municipal waste stream. Old appliances must be collected separately in order to optimize the recovery and recycling of the materials they contain, and reduce the impact on human health and the environment.

The crossed out "wheeled bin" symbol on the product reminds you of your obligation, that when you dispose of the appliance, it must be separately collected.

Consumers should contact their local authority or retailer for information concerning the correct disposal of their old appliance.

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