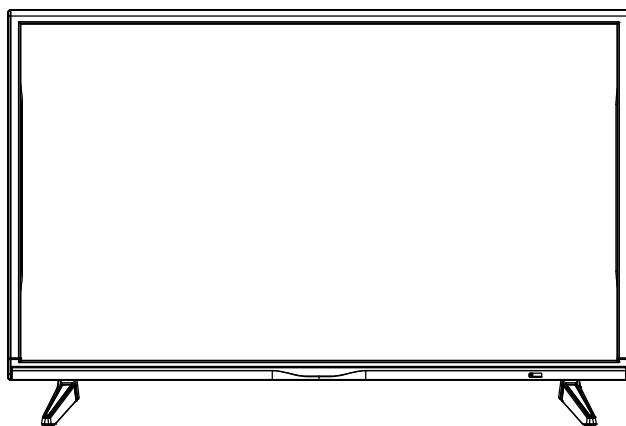


KONKA[®]

LED TV

KDG32ES662A2
KDG40ES662A2

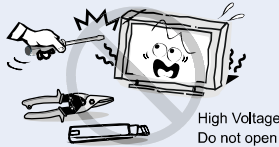
OWNER'S MANUAL



Please read this manual carefully before TV operation.
Retain it for future reference.

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.

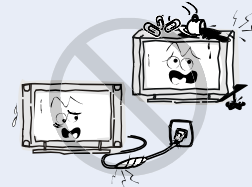
To reduce the risk of fire or electric shock, do not expose this product to rain or moisture.

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.



The screen and cabinet get warm when the TV is in use. This is not a malfunction. 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.



If the following problems occur:

Turn off the TV set and unplug the AC power cord immediately if any of the following problems occur. Ask your dealer or service centre to have it checked by qualified service personnel.

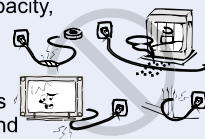
When:

- AC power cord is damaged.
- Poor fitting of AC power outlet.
- TV set is damaged by being dropped, hit or having something thrown at it.
- Any liquid or solid object falls through openings in the cabinet.

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.



Do not overload wall outlets, extension cords or adaptors beyond their capacity, this can result in fire or electrical shock. Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plug end, adaptors and the point where they exit from the appliance. The mains plug is used as the disconnect device. It shall remain readily accessible and should not be obstructed during intended use. Make sure to plug the power cord in until it is firmly inserted. When removing the power cord, make sure to hold the power plug when pulling the plug from the outlet, do not pull the plug out by the wire. NEVER touch the plug or power cord with wet hands. To disconnect the apparatus from the mains power, the plug must be pulled out from the mains socket, therefore make sure the mains plug is always easily accessible.



Do not push or scratch the front filter, or place any objects on top of the TV set. The image may be uneven or the screen may be damaged.

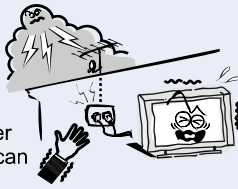
To avoid the fire, no naked flame source, such as lighted candles, should be placed on the apparatus.



Important Safety Instructions and Maintenance

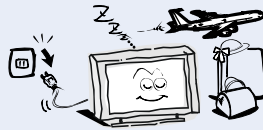
Important Safety Instructions

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. Ensuring the television is not overhanging the edge of the supporting furniture.



When not in use

If you will not be using the TV set for several days, the TV set should be disconnected from the AC mains for environmental and safety reasons. As the TV set is not disconnected from the AC power when the TV is turned off at the standby switch, pull the plug from the AC power outlet to disconnect the TV completely. However, some TV sets may have features that require the TV set to be left in standby to function correctly. In the case of lightning, unplug the TV set from the outlet immediately. Never touch the antenna wire during lightning.



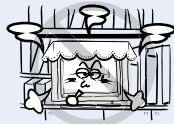
Do not pull the plug out by the wire; Never touch the plug with wet hands.



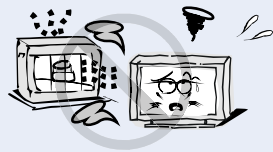
Excessive volume from earphones and headphones can cause hearing loss.



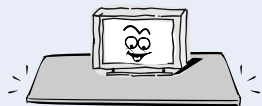
Installation



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 completely dark environments and reflection from the screen as these may cause eye fatigue. Keep the TV set away from any equipment emitting electromagnetic radiation.



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;

Important Safety Instructions and Maintenance

Installation



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.

LED Screen

Although the LED screen is made with high precision technology and 99.99% or more of 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 the LED screen and is not a malfunction. If the surface of the LED panel cracks, do not touch it until you have unplugged the AC power cord. Otherwise electric shock may result. Do not throw anything at the TV set. The LED panel may break from the impact and cause serious injury.

Precautions When Displaying a Still Image

A still image may cause permanent damage to the TV screen.

Do not display still images and partially still images on the LED panel for more than 2 hours as it can cause screen image retention. This image retention is also known as "screen burn". To avoid such image retention, reduce the degree of brightness and contrast of the screen when displaying a still image.

Watching the LED TV in 4:3 format for a long period of time may leave traces of borders displayed on the left, right and centre of the screen caused by the difference of light emission on the screen. Playing a DVD or a game console may cause a similar effect to the screen.

Damages caused by the above effect are not covered by the Warranty.

Displaying still images from Video games and PC for longer than a certain period of time may produce partial after-images. To prevent this effect, reduce the 'brightness' and 'contrast' when displaying still images.

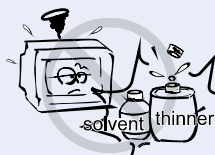
Cleaning

Cleaning and handling the screen surface and cabinet. Disconnect the unit from the AC outlet before cleaning. To remove dust, wipe gently with a soft, lint free cloth. If required use a slightly damp cloth.



MAINS PLUG

Wipe the mains plug with a dry cloth at regular intervals. Moisture and dust may lead to fire or electrical shock.



Use care not to subject the TV's surfaces to detergent. (A liquid inside the TV could lead to product failure, fire or electrical shock.) Use care not to subject surfaces to bug repellent, solvent, thinner, or other volatile substances as this may deteriorate the surface and finish of the cabinet.

Important Information

If a television is not positioned in a sufficiently stable location, it can be potentially hazardous due to falling. Many injuries, particularly to children, can be avoided by taking simple precautions such as:

- Using cabinets or stands recommended by the manufacturer or the television.
- Only using furniture that can safely support the television.
- Ensuring the television is not overhanging the edge of the supporting furniture.
- Not placing the television on tall furniture (for example, cupboards or bookcases) without anchoring both the furniture and the television to a suitable support.
- Not standing the televisions on cloth or other materials placed between the television and supporting furniture.
- Educating children about the dangers of climbing on furniture to reach the television or its controls.
- Keep small accessories out of reach of children so they are not mistakenly swallowed.

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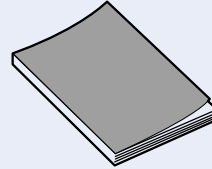
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Accessories

Please make sure the following items are included with your LED TV. If any items are missing, contact your dealer.



Remote Control



Owner' s
Instructions

Introduction

Features

- TV adopts 32"/40" TFT LED display screen
- Zero X radiation complies to green environment protection requirement
- Connect to computer directly to realize TV/monitor combo.
- Support USB
- 16:9 wide screen
- Auto tuning and fine tuning
- Support HDMI
- Programmable sleep timer
- Wide range voltage input
- No-signal automatic power off

Input terminals used for external equipment connection

1x TV Input
3x HDMI Input
1x COAX Input
2x USB Input
1x PC-RGB
1x AV Input
1x PC AUDIO
1x Headphone output
1x CVBS OUT
1x MINI YPBPR Input
1x DVBS2 RF IN
1x CI jack

Introduction

Specifications

Model	KDG32ES662A2		KDG40ES662A2
Display size	32" Diagonal(max.)		40" Diagonal(max.)
LED panel resolution	1366X768		1920X1080
Speaker output power	≥5WX2		
Power supply	110-240V~, 50Hz		
TV receive system	Digital: DVB-T, DVB-T2, DVB-S2 Analog: PAL: BG, I, DK, SECAM: BG, DK		
Frequency range	Analog:48.26~863.25 Mhz DTV,DVB-T/T2:177.5~858 MHz DTV,DVB-S/S2:950~2150 MHz		
Video in	NTSC 3.58/NTSC 4.43		
Power consumption	55W		75W
Standby consumption	≤0.5W		
Antenna input	75 ohms, unbalanced		
Controller power	DC 3V (Two AAA size batteries)		
Dimensions (LxWxH)	TV with stand	731.8×187.8×476.7mm	918.5×228.4×593.4
	TV without stand	731.8×87.3×435.1mm	918.5×85.7×540.1
Weight (Net weight)	TV with stand	4.3 Kg	7.2Kg
	TV without stand	4.23 Kg	7Kg
Work temperature	0°C-40°C		

NOTES:

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

Stand instructions (optional)

How to assemble the stand

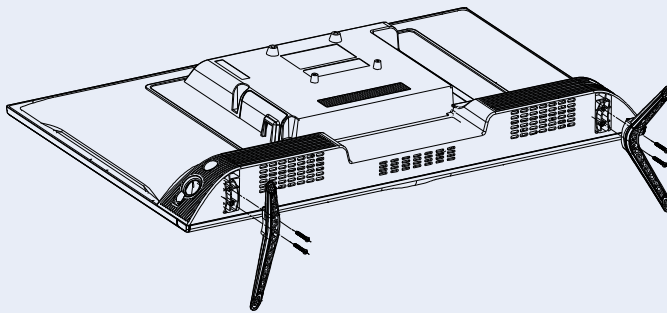
If you need to remove or assemble the stand please read the following instructions.

- Before attaching/detaching the stand, make sure to turn off the TV.
- Before performing work, spread cushioning over the base area to lay the LED TV on. This will prevent it from being damaged.

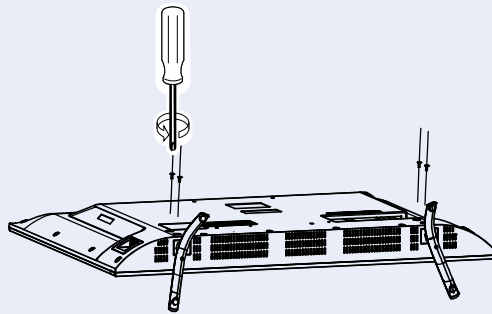
Assembling instruction:

Step1: Take out two stands from package, and insert them on both sides of the groove, and on the screw hotels.

Step2: Take out four screws provided with TV set and tighten them into screw hotels.



Only for 32" model



Only for 40" model

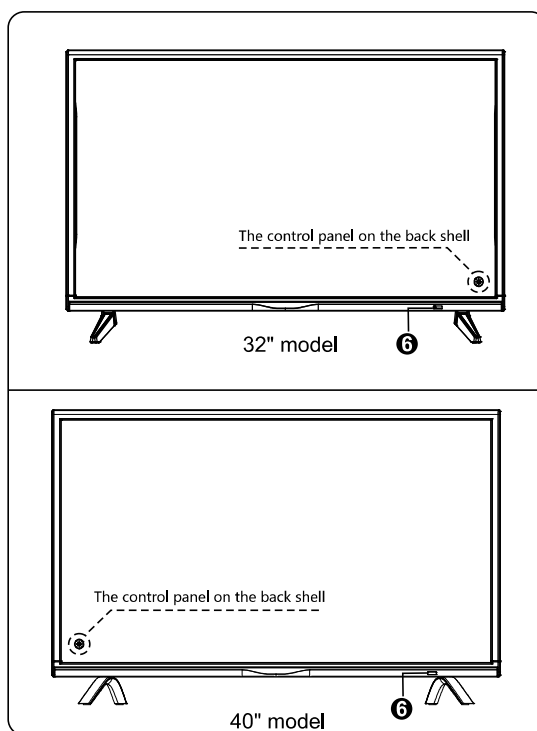
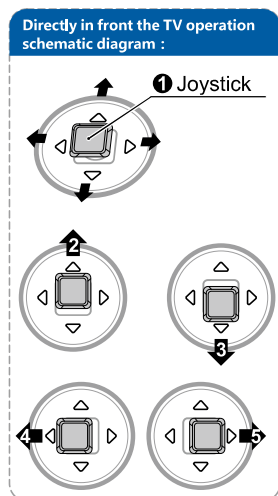
- To disconnect the stand from the TV, perform the above steps in reverse order.

Note: The illustrations and on-screen displays in this manual are for explanation purposes and may vary slightly from actual product.

General Description

Overview of front panel

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.



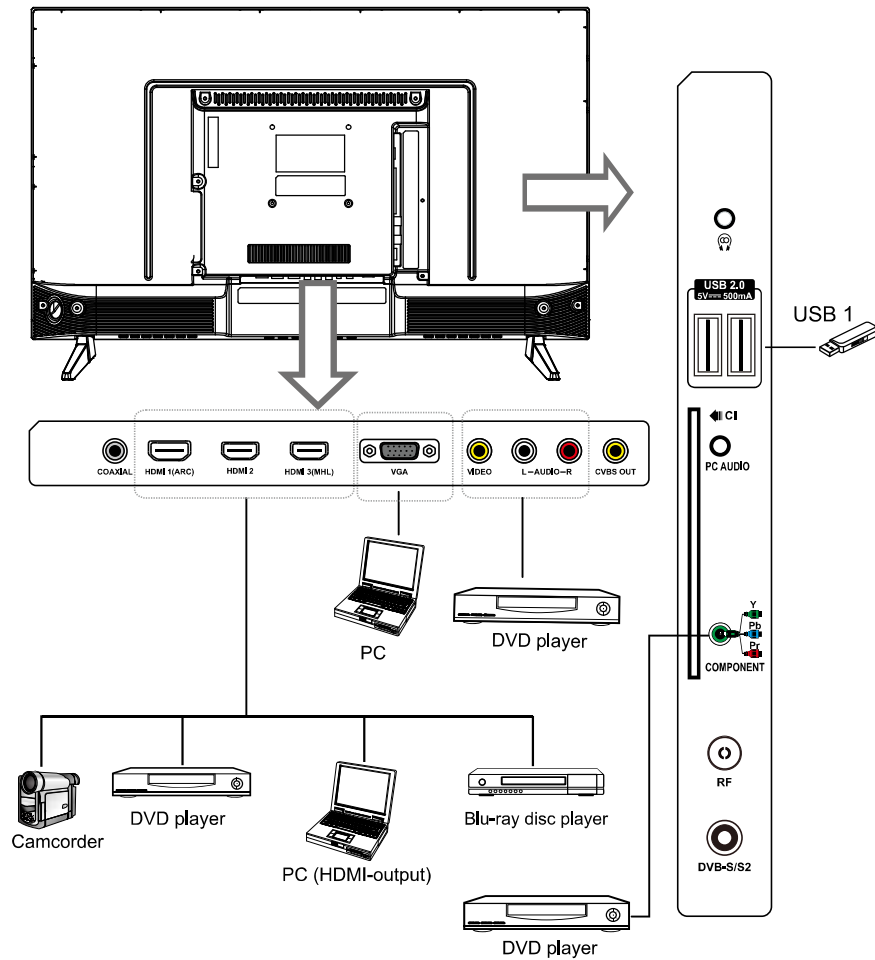
- | | |
|---|---|
| ❶ □ Centre | Press this button on the control panel one time as CONFIRM at any menu.
Press and hold this button to display FUNCTION menu at any menu.
Press and hold this button to turn on TV when it is in standby mode. |
| ❷ ↑ Up | Push one time: Use to select menu item if menu on TV. Use to go to last channel when watching TV. |
| ❸ ↓ Down | Push one time: Use to select the next menu item if menu on TV. Use to go to next channel when watching TV. Push and hold this button to return to the last page. |
| ❹ ← Left | Push one time: Use to select the left menu item if menu on TV. Use to decrease volume when watching TV. |
| ❺ → Right | Push one time: Use to select the right menu item if menu on TV. Use to increase volume when watching TV. |
| ❻ Remote control sensor / Power indicator | |

Note: The illustrations and on-screen displays in this manual are for explanation purposes and may vary slightly from actual product.

General Description

Overview of back panel

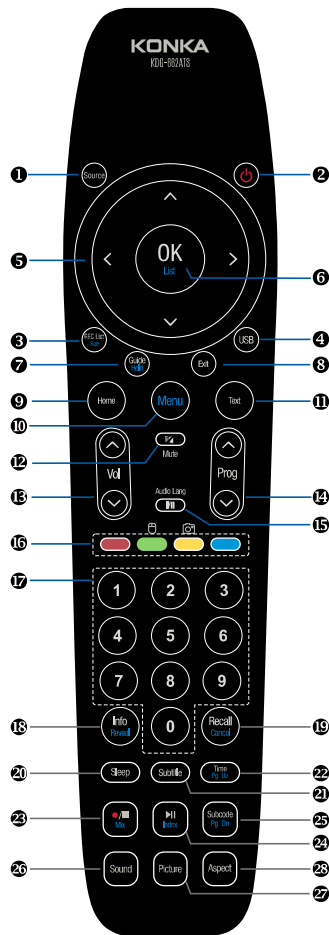
You can connect the TV with video devices such as DVD/VCD player, VCR and video camera to enjoy the high quality picture.



Note: The illustrations and on-screen displays in this manual are for explanation purposes and may vary slightly from actual product.

General Description

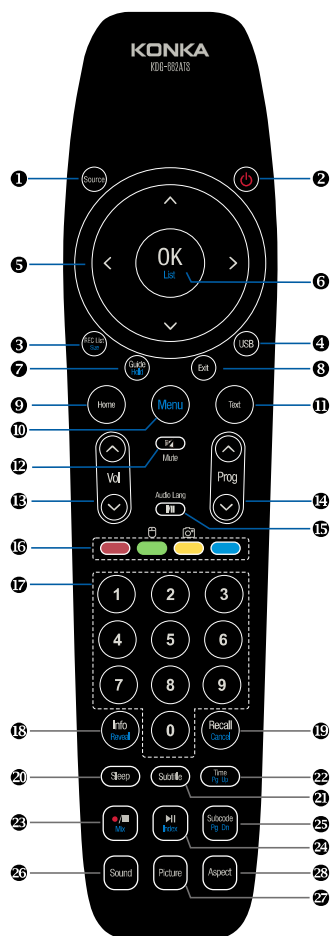
Overview of Remote Control



1. **SOURCE:** This button is used to switch among different sources.
Select a source and press OK button to confirm.
2. **POWER:** Press this button to switch to standby mode, and press it again to turn TV on.
3. **REC LIST/Size:** Press this button to display a list of recorded programs in DTV.
In TTX mode, press SIZE button one time to display the upper half of the screen in double height, press the SIZE button two times to display the lower half of the screen in double height, press three times to display the full screen in normal size.
4. **USB:** Switch to USB mode directly.
5. **Arrow buttons:** Press these buttons to move cursor up/down/left/right for menu.
6. **OK/LIST:** Press this button to display Channel List. In main menu and submenu it is a validation button.
7. **GUIDE/Hold:** In DTV source, this button is used to start the EPG application.
In TTX mode, press HOLD button to toggle Hold function on or off. When Hold is switched on, the page acquisition is stopped. When Hold is switched off, the page acquisition is started.
8. **Exit:** Exit or back to previous menu.
9. **HOME:** No available.
10. **MENU:** Press this button to display main menu or exit the menu.
11. **Text:** Press TEXT button to enter or exit teletext mode.
12. **MUTE:** Press this button to shut off sound of the TV, press again to restore TV sound.
13. **VOL Δ and VOL ∇ :** Press these buttons to adjust TV volume.
14. **PROG Δ and PROG ∇ :** Press these buttons to change channel upward or downward.
In the teletext, these buttons are used to display the next page and previous page.

General Description

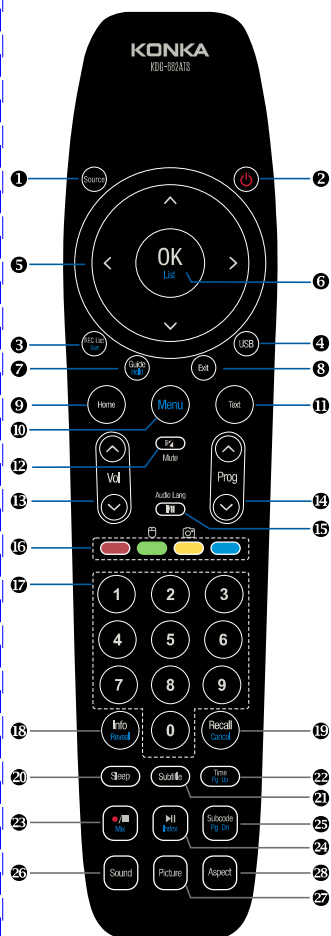
Overview of Remote Control



15. **I/II Button/Audio Lang:** In ATV source, the button is used to set NICAM sound system.
In DTV source, the button is used to set the audio language.
16. **Red/Green/Yellow/Blue Command:** It's used as it's shown in the menu.
17. **Digital buttons(0~9):** To select channel with digital buttons.
18. **INFO/Reveal:** This button is used to start the "Current Service Banner" application that provides information about the current service.
In TTX mode, pressing this button will reveal any hidden data (answers to quizzes for example). Press the REVEAL button again to return to normal screen.
19. **RECALL/ Cancel:** Switch to the previous program.
The CANCEL button will exit from any Teletext on the display. Press CANCEL button again to exit Teletext and return to live TV broadcast.
20. **SLEEP:** TV will be switched off automatically at preset sleep time if you have set sleep timer. Use your remote control to set the sleep timer. Press SLEEP button on the remote control, then press this button again to set sleep time.
Notes: The sleep timer you have set will be cancelled when the TV turns off or if a power failure occurs.
21. **Subtitle:** Turning the Teletext subtitles on or off.
Subtitles is a separate mode with only a few buttons available. There will be no OSD visible other than the Teletext Subtitles.

General Description

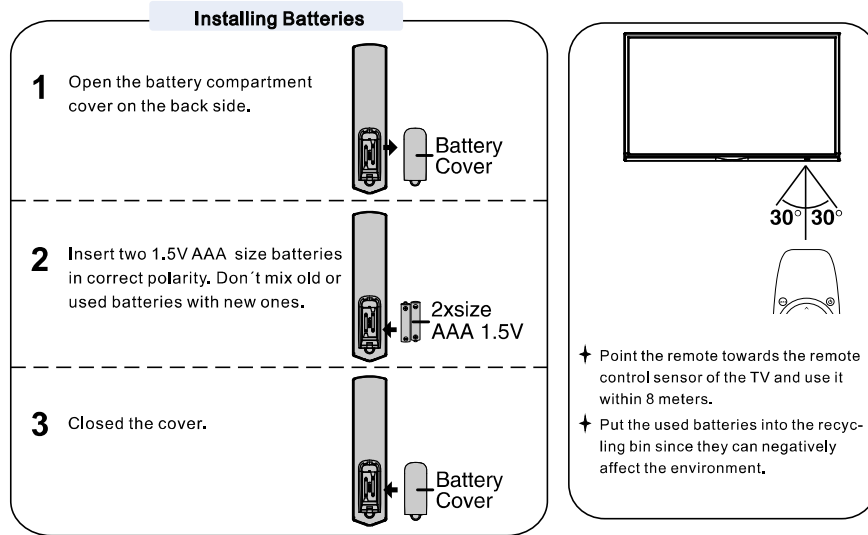
Overview of Remote Control



- 22. **Time/Pg Up:** This button is used to show the time of the Teletext. Page up is not used in this model.
- 23. **●/■ /MIX:** Previous file, stop is used to control in USB mode. Teletext buttons for mix function, please refer to TTX description page. It is also used for recording function when TV is on DTV mode, please refer to PVR page.
- 24. **⏮ /Index:** Play/pause is used to control in USB mode. Press INDEX button, then index page displays.
- 25. **Subcode/Pg Dn:** Subcode mode gives the possibility to select certain subcode pages of a Teletext page. Entry of digits within the range 0...9 for current subcode entry. If the digit completes the entry, a page request is started. Press PROG△/ PROG▽ buttons to change the subcode pages. Page down is not used in this mode.
- 26. **SOUND:** This button is used to select the sound mode.
- 27. **PICTURE:** This button is used to adjust user picture mode, press this button repeatedly and select one of the settings.
- 28. **ASPECT:** Press this button to switch the screen mode.

General Description

Installing Batteries in the Remote Control



NOTES:

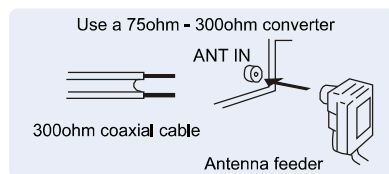
- One loading of batteries will last for 1 year under normal use.
- If you do not intend to use the remote controller for a long period of time, remove them to avoid damage due to leakage.
- Do not use old and new batteries together.
- The batteries (battery pack or batteries installed) shall not exposed to excessive heat such as sunshine, fire or the like.

External Connection

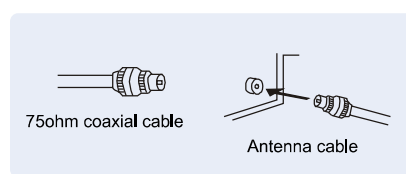
Antenna connection

Antenna input impedance of this unit is 75ohm. VHF/UHF 75ohm coaxial cable can be connected to the antenna jack directly, if the antenna cable is 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 drawing.

Antennas with 300 Ω flat twins Leads





Antennas with 75 Ω Round Leads

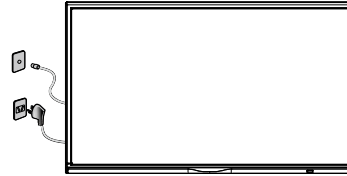


Basic Operation

Turning the TV On and Off

How to turn the TV on or off

1. Insert the power cord plug into a polarized AC outlet.
2. If TV is in standby mode, press **POWER** button on the remote control or  button on the bottom panel of LED TV.
3. Normal picture will be displayed on the screen after 15 seconds. If no signal input, "No Signal" will be displayed on the screen.
4. If temporary POWER off is required, press POWER button on the remote control or  button on the bottom panel.
5. If you want to completely switch off the power for this unit, unplug the power cord plug for this unit.
6. After switching off the unit, you should wait at least 5 seconds before switching on again.



Status indication lamp

Red: In standby mode.

Green: In power on mode.

Auto power-off

1. If there is no signal, the TV will automatically enter standby mode after 10 minutes.

Memory before turning TV off

The picture and sound settings and preset channels will be memorized at the point when the TV is turned off. When the TV is started up again it will work accordingly with these settings.

Menu system instruction

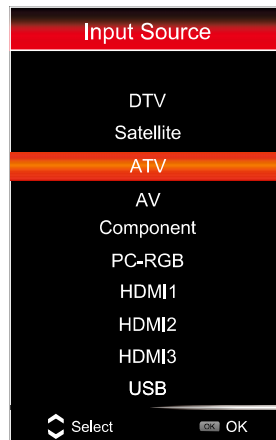
Select Input Source

Press INPUT button to display the input source list.

Press ▲ / ▼ button to select the input source list.

Press OK button to enter the input source, press EXIT button to quit.

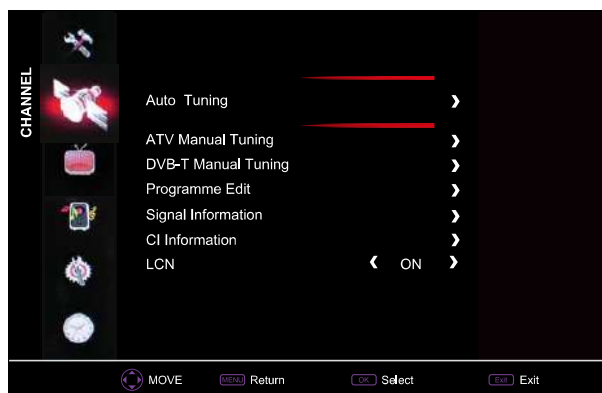
(Options: DTV, Satellite, ATV, AV, Component, PC-RGB, HDMI1, HDMI2, HDMI3, USB)



Main Menu Operation

Channel

Press MENU button to display the main menu.
Press ▼ / ▲ button to select CHANNEL in the main menu.



1. Press ▼ / ▲ button to select the option that you want to adjust in the CHANNEL menu.
2. Press OK button to adjust.
3. After finishing your adjustment, press OK button to save and return to the previous menu.

Auto Tuning

Press ▲/▼ key to select "Auto Search" option. Then press OK or ► key to start a notice window. In this notice window, you can select country in the "Country Selection" option and set "Tune Type" option. Press ▼ button to select "Start", and press OK button to search, then the searching interface will be on the screen as follows:
(If you want to exit, press ▼/► button to select "Cancel", and press OK button to exit.)

The number of searched channels will be shown on the screen. If you set "Tune Type" to "DTV+ATV", when the searching of ATV channels is over, TV will start to search DTV channels. When the whole searching is finished, all the channels will be stored in memory, and a message will appear on the screen as per the diagram on the right:

NOTE:

- 1) If you want to exit the ATV searching, you can press MENU button, then a confirmation message will appear on the screen.
- 2) To exit DTV searching, press the MENU button, a confirmation message will then appear on the screen.
- 3) If you want to exit the whole searching, you can press EXIT button.

ATV Manual Tuning

Press ▼/▲ button to select ATV Manual Tuning and press OK or ► key 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.

Main Menu Operation

Channel

ATV Manual Tuning

In the ATV source, you can choose “ATV Manual Search” to enter “ATV Manual Search” menu.

Current CH: You can see the current channel number and you can press ◀/▶ button to choose the channel you want to modify.

Color System: Select the “Color System” option, press ◀/▶ on the remote control or TV. The color system will be changed repeatedly in the below order, PAL → NTSC → SECAM

Sound System: Select the “Sound System” option, press ◀/▶ on the remote control or TV. The sound system will be changed repeatedly in the below order, BG → I → DK

Search: you can use ▶ button to search channels from low frequency to high frequency and use ◀ button to search channels from high frequency to low frequency. When you have searched a channel, the searching will be paused and you can press it again for other channels after you store the channel.

Fine Tune: In case of unfavorable image or sound of TV program, you can use “Fine Tune”.

Storage To: You can use ◀/▶ to select the channel and save it.

Frequency: You can see the frequency of the searched channels.

ATV Manual Tuning	
Current CH	5
Color System	PAL
Sound System	BG
Search	◀ ▶
Fine-Tune	◀ ▶
Storage To	5
Frequency	224.25 MHz
Save	◀ ▶ Adjust

DTV Manual Tuning

In the DTV source, you can choose “DTV Manual Search” to enter “DTV Manual Search” menu. You can use ◀/▶ button to choose the channel number and press OK button to enter searching, and then the TV will store the DTV channel if there is a DTV signal present.

DVB-T Manual Tuning

UHF CH 51

Please select channel

Press OK to search

No Signal

Strength

Bad Normal Good

Quality

Bad Normal Good

OK OK

MENU Return

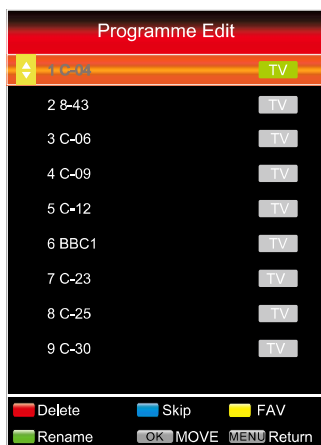
Programme Edit

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

Main Menu Operation

Channel

Programme Edit



- ◆ **Delete:** You can press RED button to enter "Delete" menu, then choose the channel you want to delete and press RED button again to delete.
- ◆ **Move:** You can press ▲/▼ button to choose the channel in TV mode you want to move and press YELLOW button to move it.
- ◆ **Skip:** You can press ▲/▼ button to choose the channel you want to skip and press BLUE button to skip it when you change channels.
- ◆ **FAV:** If you like the program of a channel, you can choose YELLOW button in the menu to add it to your favorite list and later you can press YELLOW button in the remote control to choose your favorite programs as soon as possible.
- ◆ **Rename(green):** Rename some program from program list in ATV mode you want to Rename. Press ▲/▼ button to select the program that need to be renamed, then press green button into rename state, and press ◀/▶ button to select the letter that need to be edited, and press ▲/▼ button to select a new letter, repeat to rename the program.

Signal Information

1. Press ▲/▼ key to select "Signal Information" option.
2. 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, a digital channel can't be fine tune. 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.

Signal Information	
Channel	51
Frequency	690,50 MHz
Quality	0% ■■■■■■
Strength	0% ■■■■■■

CI Information

1. Press ▲/▼ key to select "CI Information" option.
2. Press "Ok" or ► key, you can see the information of CI card.

LCN

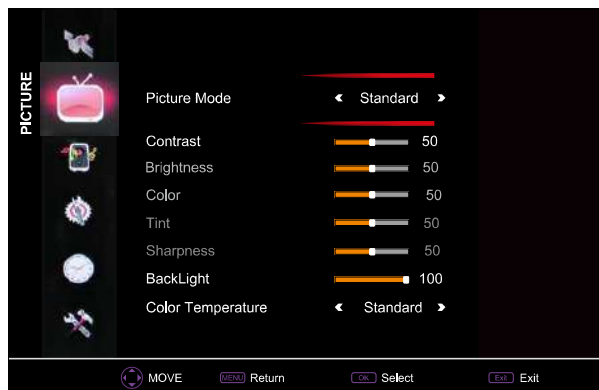
This option is only used in DTV mode.

1. Press ▲/▼ key to select "LCN" option.
2. Press ◀/▶ key to select "On" or "Off".

Main Menu Operation

Picture

1. Press **MENU** key to display the main menu on the screen.
2. Press **▲/▼** key to select "Picture" option.
3. Press **▶** key to enter "Picture" submenu.
4. You can also press the **PICTURE** key on the remote control to select one of the picture settings.



Picture Mode

Your TV has four picture settings (Dynamic, Standard, Mild, User) 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 .

1. Press **▲/▼** key to select "Picture Mode" option.
2. Press **◀/▶** key to select one picture mode.

Standard: Selects the picture for optimum display in a normal environment.
Mild: Selects the picture for comfortable display in a dark room.
User: Select to view your favorite display settings (see User settings for PICTURE).
Dynamic: Selects the picture for high-definition in a bright room.

Contrast/ Brightness/ Color/ Tint / Sharpness

Your set has several settings which allow you to control picture quality.

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.

Backlight

You can change the brightness of the entire screen according to your preference.

1. Press **▲/▼** key to select "Backlight" option.
2. Press **◀/▶** key to select one backlight mode.

Backlight: Adjusts the brightness of the whole screen.

Color Temperature

You can change the color of the entire screen according to your preference.

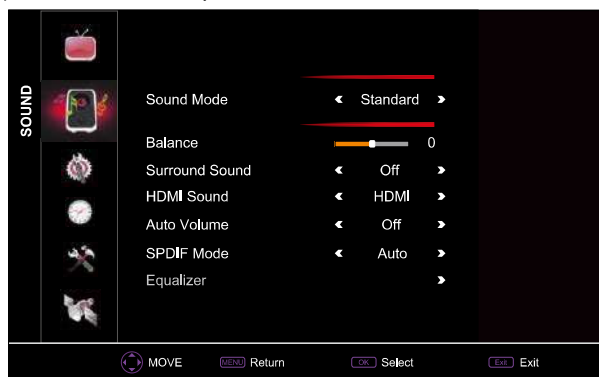
1. Press **▲/▼** key to select "Color Temp" option.
2. Press **◀/▶** key to select one color temp.

Standard: Keeps whites white.
Warm: Makes whites reddish.
Cool: Makes whites bluish.

Main Menu Operation

Sound

1. Press **MENU** key to display the main menu on the screen.
2. Press **▲/▼** key to select "Sound" option.
3. Press **►** key to enter "Sound" submenu.
4. You can also press the **SOUND** key on the remote control to select one of the sound settings.



Sound Mode

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

1. Press **▲/▼** key to select "Sound Mode" option.
2. Press **◀/▶** key to select one sound mode.

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

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.

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 "Surround" 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 PC-RGB.

"

Main Menu Operation

Sound

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".

SPDIF Mode

This is used to select "SPDIF Mode".

1. Press ▲/▼ key to select "SPDIF Mode" option.
2. Press ◀/▶ key to select "Off", "Auto", or "PCM".

Equalizer

1. Press ▲/▼ key to select an equalizer item.
 2. Press OK or ▶ 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.

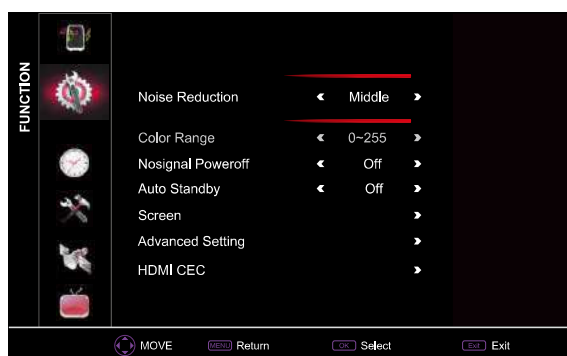
Note: The adjusted values are stored according to the selected particular item.



Main Menu Operation

Function

1. Press **MENU** key to display the main menu on the screen.
2. Press **▲/▼** key to select "Function" option.
3. Press **►** key to enter "Function" submenu.



Noise Reduction

1. Press **▲/▼** key to select "Noise Reduction" option.
 2. Press **◀/▶** key to select "Off", "Low", "Middle" or "High" to improve the picture sharpness.
- Note: Noise Reduction doesn't work in PC-RGB Mode.

Color Range

Change the brightness and saturation for a better picture.

1. Press **▲/▼** key to select "Color Range" option.
2. Press **◀/▶** key to select "16~235", "0~255" or "Auto".

Note: only available in HDMI mode, please select the appropriate setting according to the DVD Player/STB.

Nosignal Poweroff

1. Press **▲/▼** key to select "NoSignal PowerOff" option.
2. Press **◀/▶** key to set it "On" or "Off". When "NoSignal PowerOff" is turned on, the TV set will be Power Off 60 seconds later in PC-RGB mode, 10 minutes later if there is no signal, in other input sources, not working in USB.

Auto Standby

1. Press **▲/▼** key to select "Auto Standby" option.
2. Press **◀/▶** key to set it "Off" or "1 Hour", "2 Hour", "4 Hour". When "Auto Standby" is turned on, the TV set will be Power Off after the set-time if there is no action.

Screen

This option is only used when PC-RGB mode has signal.

1. Press **▲/▼** key to select "Screen" option.
2. Press **OK** or **►** key to display the "Screen" menu.

HDMI CEC

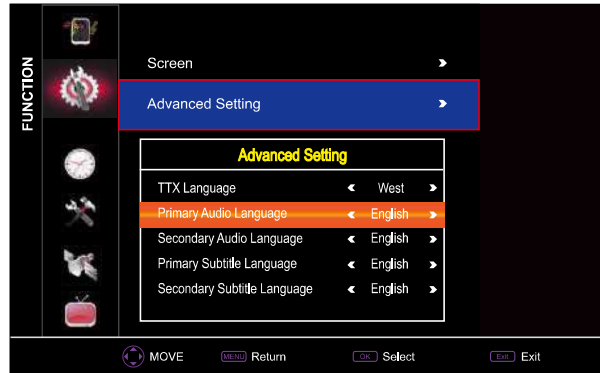
Press **▲/▼** key to select "HDMI CEC", then press **OK** or **►** key to display the "HDMI CEC" menu. You can open or close the function of HDMI CEC with **◀/▶** key. When the HDMI CEC is open, you can adjust HDMI ARC, Auto Standby, Auto TV on, Device Control and Device List these five options.

Main Menu Operation

Function

Advanced Setting

Press ▲/▼ key to select "Advanced Setting", then press OK or ► key to display the "Advanced Setting" menu.



TTX Language

1. Press ▲/▼ key to select "TTX Language" option.
2. Press ◀/▶ key to set TTX Language.

Primary Audio Language

1. Press ▲/▼ key to select "Primary Audio Language" option.
2. Press ◀/▶ key to set Primary Audio Language.

Secondary Audio Language

1. Press ▲/▼ key to select "Secondary Audio Language" option.
2. Press ◀/▶ key to set Secondary Audio Language.

Primary Subtitle Language

1. Press ▲/▼ key to select "Primary Subtitle Language" option.
2. Press ◀/▶ key to set Primary Subtitle Language.

Secondary Subtitle Language

1. Press ▲/▼ key to select "Secondary Subtitle Language" option.
2. Press ◀/▶ key to set Secondary Subtitle Language.

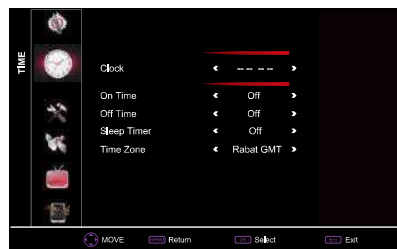
Main Menu Operation

Time

1. Press **MENU** key to display the main menu on the screen.
2. Press **▲/▼** key to select "Time" option.
3. Press **►** key to enter "Time" submenu.

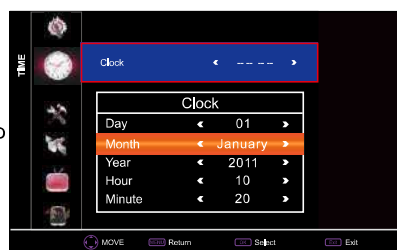
Clock

You can modify the time of your TV set, but when you switch to DTV program, the "Clock" is decided by the signal from your antenna.



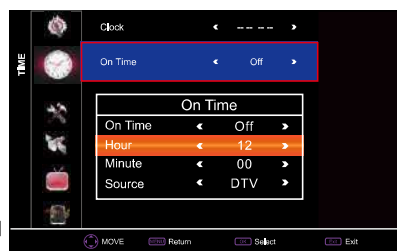
On Time

In "On Time" item, press **►** button or OK button to enter the submenu, set the time to turn on the TV set when the TV set is in the standby mode. You can also choose which day to control your TV set in a week.



Off Time

In "Off Time" item, press **►** button or OK button to enter the submenu, set the day & time to turn off the TV set.

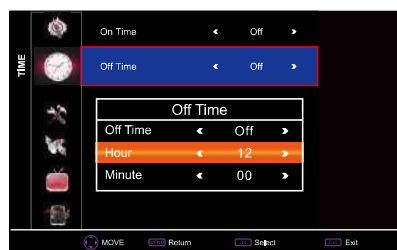


Sleep Timer

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.

Notes: When the time is less than 60 seconds, remind information will be displayed on the screen. Press any key button to cancel timer function.



Time Zone

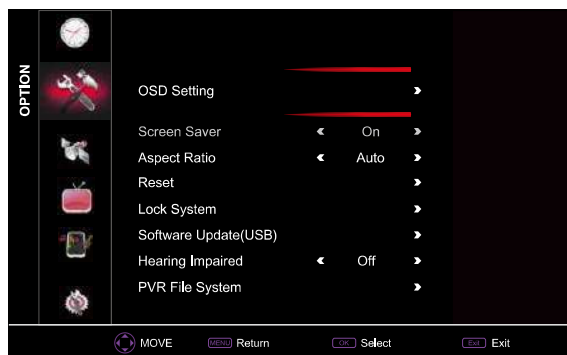
You can choose it to modify your time zone in the TV set.

1. Press **▲/▼** key to select "Time Zone" option.
2. Press **◀/▶** key to select time zone.

Main Menu Operation

Option

1. Press **MENU** key to display the main menu on the screen.
2. Press **▲/▼** key to select "Option" option.
3. Press **►** key to enter "Option" submenu.



OSD Setting

You can modify the OSD set to suit your user preferences.

1. Press **▲/▼** key to select "OSD Setting" option.
2. Press **OK** or **►** key to display the OSD setting menu.
 - OSD Language: select the proper language
 - OSD Time : Set the preferred amount of time for the OSD to be displayed on the screen.

Screen Saver

1. Press **▲/▼** key to select "Screen Save" option.
2. Press **◀/▶** to choose on or off.

Aspect Ratio

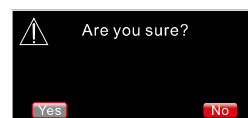
You can select the picture size which best corresponds to your viewing requirement.

1. Press **▲/▼** key to select "Aspect Ratio" option.
 2. Press **◀/▶** key to set the scale mode.
- You can also press "Aspect" key on the remote control to select one of the scale modes. Each source has different scale modes. (16:9, 4:3, Auto, Zoom1, Zoom2)

Reset

Select the "Reset" option and press OK or **►** key to display a confirm box, and select "Yes" or "No".

Note: Please use "Reset" option with caution as it will return all settings and channel memories to factory default.



Hearing Impaired

1. Press **▲/▼** key to select "Hearing Impaired" option.
2. Press **◀/▶** to choose on or off.

Lock

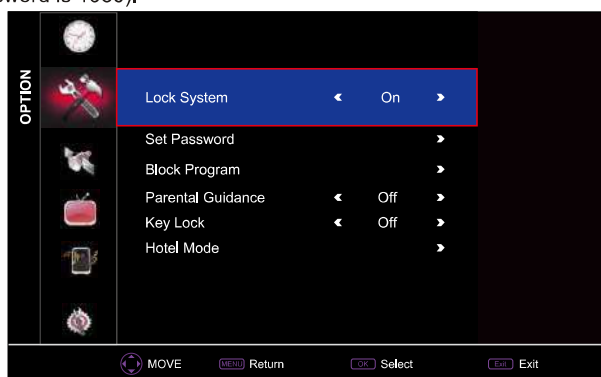
The lock feature requires a Password to be entered before any settings can be changed.

1. Press **MENU** key to display the main menu on the screen.
2. Press **▲/▼** key and select "Lock" under the "Option" menu.
3. Press **OK** or **►** key to enter "Lock" submenu, "Enter Password" menu will appear, enter your

Main Menu Operation

Option

4-digit password to enter "Lock" submenu (the default and universal password is 0000, the almighty password is 1980).



Lock System

1. Press ▲/▼ key to select "Lock System" option.
2. Press ◀/▶ key to select "On" or "Off".

Set Password

1. Press ▲/▼ key to select "Set Password" option.
2. Enter your 4-digit password to enter "Change Password" submenu. Choose any 4-digits for your new password and enter them. As soon as the 4 digits are entered, the cursor will skip to "Confirm Password" item, re-enter the same 4 digits, and your new password has been memorized.

Block Program

1. Press ▲/▼ key to select "Block Program" option.
 2. Press OK or ▶ key to enter Block Program list.
- In the program list, use Green key to lock or unlock the program. Once the program is locked and Lock System is on, password is needed to enter it.



Parental Guidance

This option only used in DTV mode.

1. Press ▲/▼ key to select "Parental Guidance" option.
2. Press ◀/▶ key to select the lock level of the Parental Guidance.

Key Lock

This option is used to Open or close key lock function.

1. Press ▲/▼ key to select "Key Lock" option.
2. Press ◀/▶ key to select "On" or "Off".

Hotel Mode

You can modify the Hotel Mode to suit your user preferences.

1. Press ▲/▼ key to select "Hotel Mode" option.
2. Press OK or ▶ key to display the Hotel Mode menu.

Note: You can adjust the other option in Hotel Mode menu, when Hotel Mode is OPEN.

Main Menu Operation

Option

PVR File System

1. Press **MENU** key to display the main menu on the screen.
2. Press **▲/▼** key to select "PVR File System" option.
3. Press **OK** or **▶** key to enter "PVR File System" submenu, for detailed operation refer to "PVR File System" page.

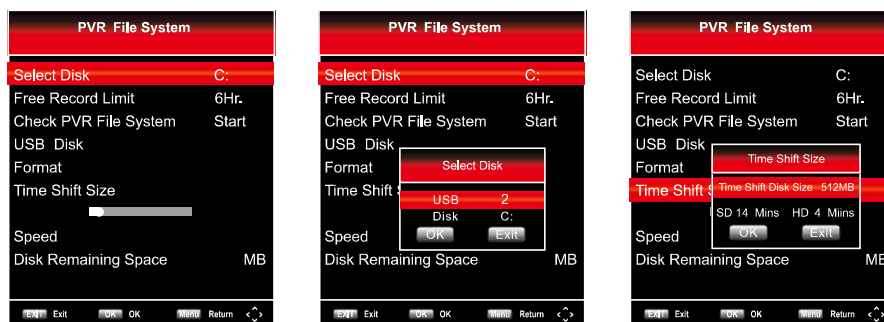
WARNING:

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. You are recommended to 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 "OK" button to enter submenu and press "▲/▼/◀/▶" to choose USB and the disk for PVR.

Free Record Limit: Press "◀/▶" to set the max time for PVR Record.



Record Max Time: Set the maximum duration for any recording.

Check PVR File System: Press "OK" button to check if the disk is suitable for PVR.

USB Disk: Indicates PASS or FAIL for the status of your USB Disk.

Format: Press "OK" button to enter 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.

Time Shift Size: This setting is available to adjust only after the disk has been formatted.

The maximum Time Shift Size is 8G.

Speed: Display the disk writing/reading speed.

Please note: It is suggested that you use a disk with speed that is greater than 4500KB/S.

Disk Remain Space: Display the remain space for PVR.

NOTE: The times listed are not precise, only for reference.

Main Menu Operation

Option

PVR Guide

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

Time shift

In DTV mode, press “▶||” button to pause the DTV program, press it again to continue play. The length of time a program can be paused depends upon the setting in the PVR File System. Press “EXIT” to show or hide the control menu.



1. Current time behind live TV.
2. Total allowable time for time shifting, please see 'PVR File System' for details in regards to setting the Time Shift Size. 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. A message will appear on the display prompting you to continue or cancel.



Main Menu Operation

Option

Instant recording

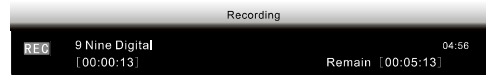
1. Select the desired channel then press the RECORD button on the remote control to start recording the current broadcast, a progress bar will be displayed at the bottom of the screen.
- During recording, the progress bar will fade out after 10 seconds.
2. Recording stops when you press the STOP button 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 a message will appear prompting you to continue or not 'Recording in progress. Change channel will stop recording. Yes or No.

Recording in standby mode

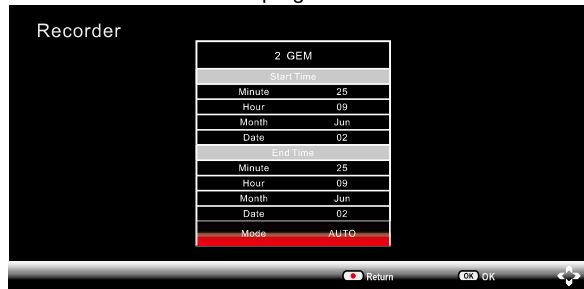
This unit is able to do recording while in standby mode.

1. Start a recording then press the power button. A message will be displayed prompting you to continue or cancel.



At Guide menu, press “●” button to reserve-record the selected program.

At reserve record menu, press “◀/▶” button to adjust the scheduled time, press “OK” to save the setting and press the yellow button to check the record schedule. Recording will proceed when the TV is in either active or standby modes. When recording initialize in standby mode, the front panel indicators will flash momentarily, and there will be no picture output. You can intercept the recording by turning on the power and viewing the program that is being recorded. The schedules should not overlap, and there should be at least 1 min between two scheduled programs.

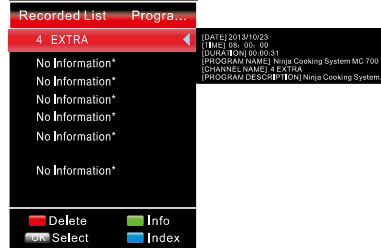


Note: Recording will stop when you change the locked channel.

In DTV mode, press “REC LIST/Size” to open the recorded list. Press “▲/▼” button to select the recorded file, press “OK/LIST” to play the recorded file, and press the “▶” button to show the recording information. When playing, the “▶||”, “▶▶”, “◀◀”, “◀”, “■”, “◀◀”, “▶▶”, “●” buttons are available. Press “EXIT” to show or hide the control menu.

When the Recorded List is displayed on the screen, you can delete files you no longer require. Select the desired file using the arrow buttons, then press the Red button to delete, press the Green button to info or press the Blue button to index.

NOTE: Files cannot be deleted during Playback or Recording.

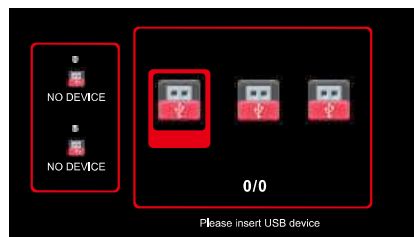


Digital Media Player

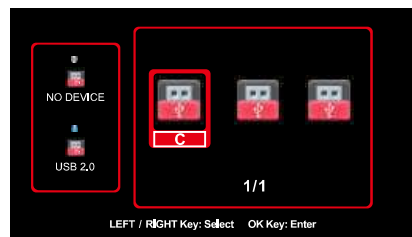
Device and File Management

Initialization Interface

Into the USB channel, the interface shown in Figure 1. If no inserted U disk, the system will be prompted to insert the USB device, while the lower right corner screen displays "No Device" message. When you insert a U disk, select the first letter located in the C drive, shown in Figure 2. The corresponding buttons as follows: Left and right keys: Select the drive letter. OK key: to enter the selected letter.



<Figure 1>



<Figure 2>

USB support character

1. Photo

Features: Browse and play under the specified path (the default path is specified in the current disk, set the photo interface methods please refer to the specified path: path - Set) picture. Content: Browse and play all the images under the specified path.

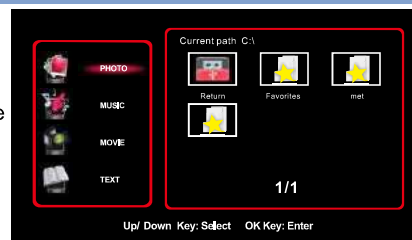
Photos View Shown in Figure 3

Features: Displays thumbnails of all images path, bmp and png format does not support thumbnails.

Key operation: Up, Down, Left, Right: Option key to switch up and down.

OK Key: selected in the entry photo option on the left, the switch to the image preview area, was selected in the image preview area in the right section, then play image files.

Exit Key: selected in the entry in the right image preview area, select the entries to switch back to the left side of photo options, the selected option in the entry on the left picture, the switch back to the USB interface initialization.



<Figure 3>

Photo Play interface (Shown in Figure 4)

Key operation:

The following key: Play on a picture / next picture

Confirmation: play / pause image

Exit: Exit the pictures to return to photo browsing interface

Menu key: enter the playback control menu. Shown as Figure 5



<Figure 4>

Digital Media Player

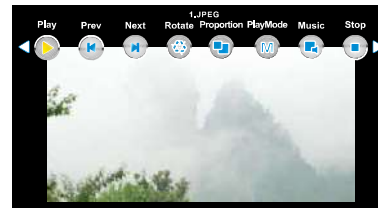
USB support character

Play Control menu

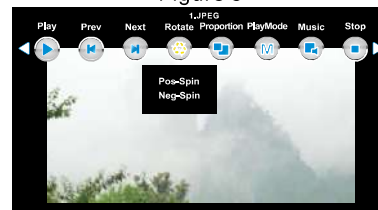
Key operation

Left, Right: Select Options

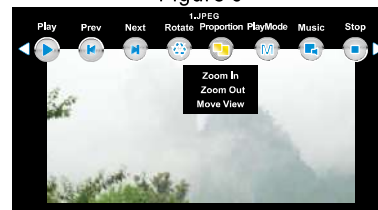
OK button: the selected function key to enter the selected Living the secondary function key menu.



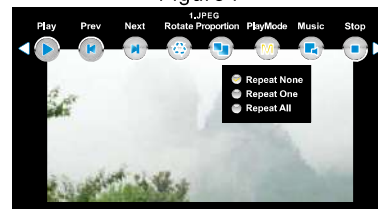
<Figure 5>



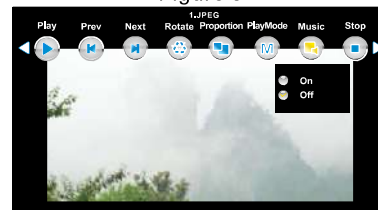
<Figure 6>



<Figure 7>



<Figure 8>



<Figure 9>

Play

Play / Pause: Play / Pause Picture.

Prev: Play the previous picture.

Next: Play the next picture.

Rotate: Rotate the image counter-clockwise along. (Shown as Figure 6)

Proportion

1. Zoom In: enlarge image (1X,2X,4X,8X)

2. Zoom Out: shrink images (1/2,1/4)

3. Move View: Mobile pictures. When the picture have been magnified over the role of screen size, Press OK to display the arrow guide OSD, press the arrow keys to move a picture, press the Escape key to return to the previous menu, as shown in Figure 7.

PlayMode: Shown as Figure 8

1. Repeat All: Repeat all pictures.

2. Repeat One: Repeat the current picture.

3. Repeat None: Don't repeat pictures.

Music: Shown as Figure 9

Set to open when the user is playing the most recently played directory's songs. If the user is set to open when not playing a song recently, the default entry to play current directory's music
Stop: Exit slide show

Digital Media Player

USB support character

Playlist: Show is playing and will play the image file. Shown as Figure 10 Up, Down keys: select the image file OK button: Play the selected picture file Left, Right keys: Exit playlist, and select other options. Exit button: Exit Playlists

Info: Display the name of the picture playback, resolution, size and date. (Shown as Figure 11)

2. Music

Features: browse and play development path is to develop the current disk, set the method's interface, please refer to the specified path: Path - setting) music files .

Content: Displays the playback of music files under the specified path.

Browse Music

Content: Displays the music files. (Show as Figure 12)

Key operation:

Arrow keys: up and down between the different options about the switch.
OK key: Selected in the last entry in the left side of music options, the switch to music preview area; selected entries in the preview area on the right music, then play music files.
Exit: Selection preview in the music entry in the right area, select the entries to switch back to the left side of music options; selected entries in the music option on the left, the switch back to the USB interface initialization

Play Music

Music player interface Shown as Figure 13

Action:

Upper and lower key: on a / the next one

OK button: Play / Pause music

Exit: exit the music player interface, return to music browsing interface

Menu key: enter the playback control menu. (Shown as Figure 14)

Play Control

Key operation:

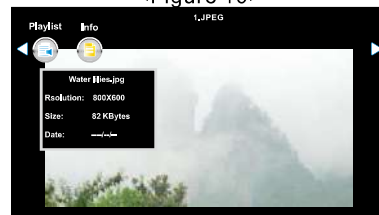
Left, Right: Select Options

Confirm the key: the selected function key to enter the selected features live secondary menu items.

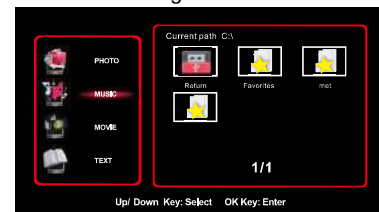
Exit: exit the playback control menu



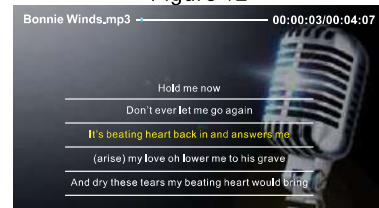
<Figure 10>



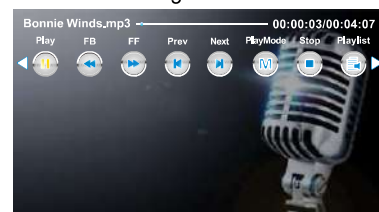
<Figure 11>



<Figure 12>



<Figure 13>



<Figure 14>

Digital Media Player

USB support character

Action:

Up, Down keys: Select the music file.
OK button: Play the selected music files.
Left, Right keys: Exit playlist, and select other options.
Exit button: Exit Playlists.

Function:

Play / Pause: Play / Pause the music.
FB: Fast back playing (2x,4x,8x,16x).
FF: Fast forward playing (2x,4x,8x,16x).
Prev: Play previous music.
Next: play next music.

Play mode: Shown as Figure 15.

- 1.Repeat All: Repeat all music.
- 2.Repeat One: Repeat the current music.
- 3.Repeat None: Don't repeat the music.

Stop: Exit the music play.

Playlist:

Show is playing and will play music files.
Shown as Figure 16.

Info: Display the name of music, album name, title, stream, author, sampling year.
Shown as Figure 17.

3. Movie

Features: browse and play video files under the specified path (default path is the current disk, set the video interface, the method please refer to the specified path: Path - setting) .

Content: Displays the playback video files under the specified path. Shown in Figure 18.

Video view

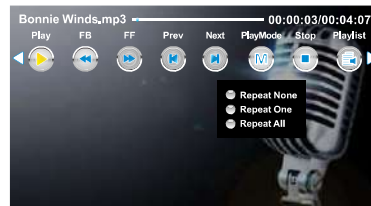
Content: The specified path to all the video files displayed as thumbnails.

Key operation:

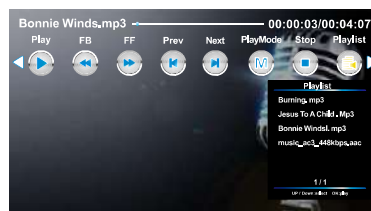
Arrow keys: Up and down in the switch between different options.

OK key: Selected in the entry in the video options on the left, the switch to the video preview area; selected to the entry in the right side of the video preview area, then play the video file.

Exit: In the video preview on the right in the entry area, select the entries to switch back to the left of the video options. Selected to the entry in the video options on the left, the switch back to the USB interface initialization.



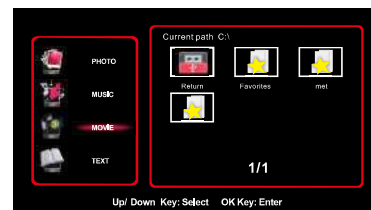
<Figure 15>



<Figure 16>



<Figure 17>



<Figure 18>

Digital Media Player

USB support character

PLAY Video

Video player interface Shown as Figure 19
Action:

Upper and lower key: on a / the next one

Exit: exit the video player interface, return to video browsing interface.

Menu key: enter the playback control menu.
Shown as Figure 20

Play Control

Key operation:

Left, Right: Select Options

Confirm the key: the selected function key to enter the selected. Features live secondary menu items

Exit: exit the playback control menu.

Action:

Up, Down keys: Select the video file

OK button: Play the selected video files

Left, Right keys: Exit playlist, and select other options.

Exit button: Exit Playlists

Function:

Play / Pause: Play / Pause the video

FB: Fast back playing (2x,4x,8x,16x,32x)

FF: Fast forward playing (2x,4x,8x,16x,32x)

Prev: Play previous video

Next: play next video.

Switch: Shown as Figure 21

1. Subtitles switch: switch the currently playing video titles, this option the user can switch the video comes with different titles, select the OFF option, the subtitles will not be displayed.

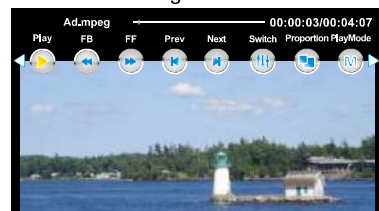
2.Track switch: switch the currently playing video tracks.

3. Goto Time: Choose a specific time period the video play the video.

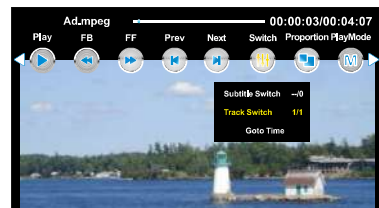
Shown in Figure 22.



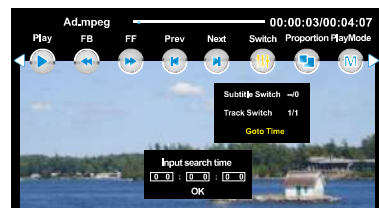
<Figure 19>



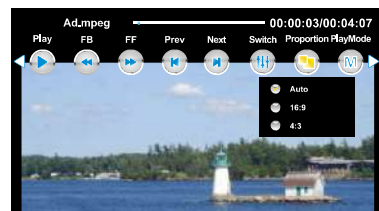
<Figure 20>



<Figure 21>



<Figure 22>



<Figure 23>

Digital Media Player

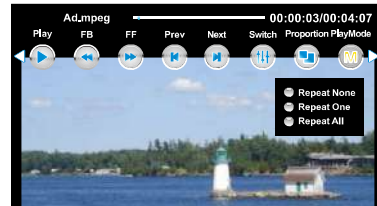
USB support character

Proportion:

Select the display ratio video playback.
Shown in Figure 23.

- 1.Auto
- 2.16 : 9
- 3.4 : 3

Source of the film will switch to automatic mode by default.



<Figure 24>

Play Mode: Shown as Figure 24

- 1.Repeat All: Repeat all video.
- 2.Repeat One: Repeat the current video.
- 3.Repeat None: Don't repeat the video.

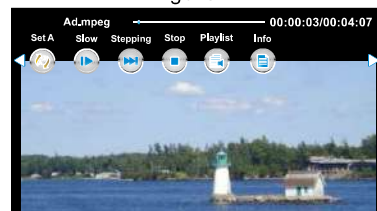
A->B: A to B repeat playback of video between points

Set A: select the starting point.

Shown as Figure 25.

Set B: select the destination point .

Shown as Figure 26.

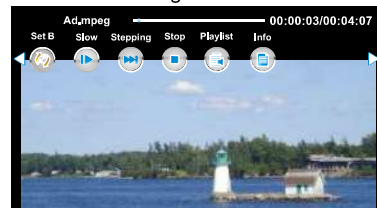


<Figure 25>

None: Cancel A-> B play and resume normal playback. As shown in Figure 27.

Slow: Play Slowly.(2X,4X,8X,16X)

Stepping: Play just one picture each time the user clicks.

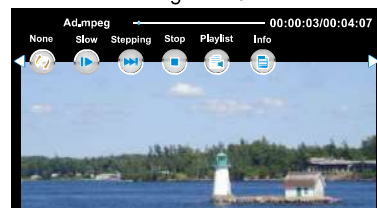


<Figure 26>

Stop: Exit the video play

Playlist: Show the videos files being playing and will be played.

Shown as Figure 28

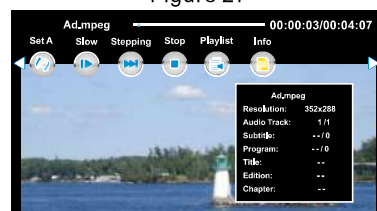


<Figure 27>

Info: Shows the name of the video is playing, resolution, audio track, subtitles, program, title, version, chapters. Shown as Figure 29.



<Figure 28>



<Figure 29>

Digital Media Player

USB support character

4.Text

Features: browse and play text files under the specified path (default path is the current disk, set the video interface, the method please refer to the specified path: Path - setting)

Content: Displays the playback text files under the specified path.

Shown in Figure 30

Document view

Content: The specified path to all the document files displayed as thumbnails.

Key operation:

Arrow keys: Up and down in the switch between different options.

OK key: Selected in the entry in the document options on the left, the switch to the video preview area; selected to the entry in the right side of the document preview area, then play the document file.

Exit: In the video preview on the right in the entry area, select the entries to switch back to the left of the document options. Selected to the entry in the document options on the left, the switch back to the USB interface initialization

Documents Reading

The Documents Reading interface: Shown as Figure 31.

Key operation

Up,Down keys: Previous Page, Next Page

Left, right keys: Previous document, Next document.

Exit key: Return to the document interface

Menu key: Enter the playback control menu.

As shown in Figure 32.

Play Control menu

Key operation

Left, Right: Select Options

OK button: the selected function key to enter the selected Living the secondary function key menu.

Exit button: Exit Play control menu.

Function

Prev Page: Show previous page.

Next Page: Show next page.

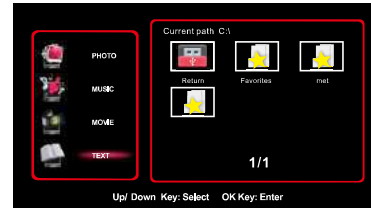
Prev: Show previous document.

Next: Show next document.

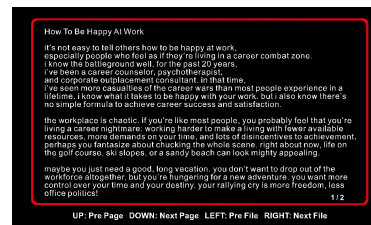
Stop: Exit document reading

Music: Shown as Figure 33

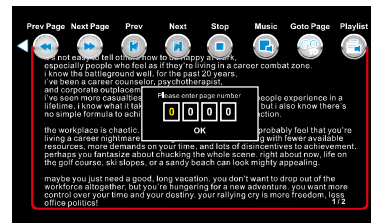
When set to open, play music at the same time.



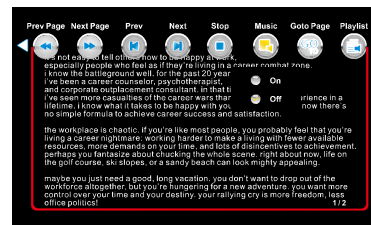
<Figure 30>



<Figure 31>



<Figure 32>



<Figure 33>

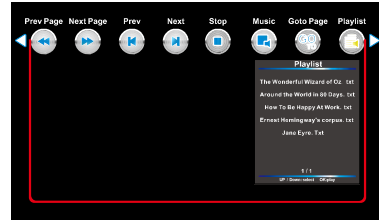
Digital Media Player

USB support character

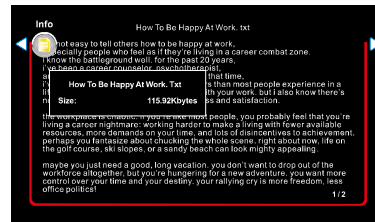
Goto Page: Select this feature, the pop-up dialog box jump page, the user can enter the page number to view the page, select OK option, and enter the designated page, click Exit to return to playback control menu.

Playlist: displays document files can be played. Shown as Figure 34;

Show the name, size of the document playing. As shown in Figure 35.



<Figure 34>



<Figure 35>

Troubleshooting

If you have any problem, check the counter measures for each symptom listed below. The following symptoms may have been caused by inappropriate adjustment rather than actual malfunction of the unit. If the trouble persists, contact the Customer Care Centre, see back page for contact details.

Symptoms	Possible solutions
No power	Please check the power cord plugged in and that the power outlet works. Unplug the power cord and plug it in after 60 seconds and restart the TV.
No picture	Please check antenna connection. Station may be experiencing problems, please tune to another station. Please adjust the settings of contrast and brightness.
Good picture but no sound	Please increase the volume. Please check TV is under mute mode, press MUTE button on the remote control. Please check sound settings If external devices are being used, check their volumes are not set too low or turned off. If using DVI to HDMI cable, a separate audio cable is required. Make sure a headphone jack is not connected..
Good sound but abnormal color or no picture	Please check antenna connection and antenna condition. If using Component input, please check Component connections, incorrect or loose connections may cause colour problems or cause the screen to be blank.
No response to remote control	Batteries of remote control may have exhausted, if necessary, please change the batteries. Clean the remote control lens. The distance between LED TV and remote control should be within 8m, within recommended operating angle and path is free of obstructions.
Full screen flickering under VGA	V-HEIGHT value may be set too big, restart computer and enter safe mode, then set monitor parameters to correct value according to adjustment description.
Horizontal stripes under VGA	Sample phase may be deflected, adjust phase according to picture position.
Colored dots may be present on the screen	Although the LED screen is made with high-precision technology and 99.99% or more of 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 the LED screen and not a malfunction.
Picture is breaking up	Keep the TV away from noisy electrical sources 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.

Troubleshooting

After Auto Tuning only some channels are available	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.
Channel cannot be selected	Check if the channel has been blocked in the main menu settings.
USB not playing	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.
Picture is distorted, macroblock, small block, dots, pixelization, etc	Compression of video contents may cause distortion especially on fast moving pictures such as sports and action movies.
Noise from speaker	Check cable connections, make sure a video cable is not connected to an audio input. Low signal level may cause sound distortion.
TV turns off automatically	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.
TV turns on automatically	Check if the On Timer is set to On in the Setup menu.
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.

WARNING

Never place a television set in an unstable location. A television set may fall, causing serious personal injury or death. Many injuries, particularly to children, can be avoided by taking simple precautions such as:

- Using cabinets or stands recommended by the manufacturer of the television set.
- Only using furniture that can safely support the television set.
- Ensuring the television set is not overhanging the edge of the supporting furniture.
- Not placing the television set on tall furniture (for example, cupboards or bookcases) without anchoring both the furniture and the television set to a suitable support.
- Not placing the television set on cloth or other materials that may be located between the television set and supporting furniture.
- Educating children about the dangers of climbing on furniture to reach the television set or its controls

If your existing television set is being retained and relocated, the same considerations as above should be applied.

The plug or appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.



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