USER MANUAL

Before using the TV, please read this manual thoroughly and retain it for future reference.

Contents

Declaration 2

Important Safety Precautions 3

Disposal of Used Electrical & Electronic Equipment 3
Warning 3
Safeguards 4

Setting Up 6

Connection Instructions 6

Using the Remote Control 7

Installing Batteries in the Remote Control 7
Viewing the Remote Control 8

Basic Features 11

Turning the TV On for the First Time 11
To Use the Menu 12
Using the Picture Menu 12
Using the Sound Menu 13
Using the Channel Menu 14
Using the Lock System Menu 16
Using the Setup Menu 16

Digital Media Player 21

Digital Media Player(Media) 21
Browsing Pictures 21
Playing Music Files 21
Playing Video Files 22
Viewing Text Files 22

Other Information 23

TroubleShooting 23
Technical Specifications 24

The Pictures are Only for Reference !

Declaration

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Any content and service provided as it is together with this device shall be the property of the applicable third party, therefore Manufacturer gives no declaration or warranty on modification, suspension, cancellation, termination or abortion thereof, and shall not be held liable for legal actions or indemnity obligation arising thereof.

Manufacturer reserves the rights to restrict the use or access of certain content or service. As the content and service are transmitted through third party's network and transmission facilities, Manufacturer undertakes no customer service thereof or the obligation for such customer service.

Important Safety Precautions

This symbol alerts user about the presence of a dangerous voltage not isolated inside the product which can be sufficiently powerful to constitute a risk of electrocution.

This symbol alerts user about the presence of important operating instructions and maintenance in the document enclosed in the package.

ATTENTION
RISK OF SHOCK ELECTRIC

Do not open the back cover.
In no case the user is allowed to operate inside the TV set.
Only a qualified technician is entitled to operate.

Disposal of Used Electrical & Electronic Equipment

Packaging and electrical goods should be recycled appropriately, and not treated as household waste. Please dispose of this equipment at your applicable collection point for the recycling of electrical & electronic equipment waste. By ensuring the correct disposal of this product, you will help prevent potentially hazardous to the environment and to human health, which could otherwise be caused by unsuitable waste handling of this product. The recycling of materials will help conserve natural resources. Please do not therefore dispose of your old electrical and electronic equipment with your household waste. For more detailed information about recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

Incorrect replacement of the battery may lead to the risk, including the replacement of another similar or the same type. Do not expose batteries to heat such as sun or fire or something like that.

The device should not be exposed to dripping and spraying and it cannot be placed under objects filled with liquids.

Main plug is used as the disconnect device, the disconnect device shall remain ready for operating.

Warning

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 of 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.

Safeguards

Please read the following safeguards for your TV and retain for future reference.
Always follow all warnings and instructions marked on the television.

1. A note about safety and operating instructions
Read and follow all safety and operating instructions, and retain them safely for future reference.

2. Heed Warnings
Adhere to all warnings on the appliance and in the operating instructions.

3. Cleaning
Unplug the TV from the wall outlet before cleaning. Do not use liquid, abrasive, or aerosol cleaners. Cleaners can permanently damage the cabinet and screen. Use a lightly dampened cloth for cleaning.

4. Wall Bracket
Wall brackets are not supplied with this product. After market brackets may be available to purchase locally. Please refer to the specification page for dimensions.

5. Water and Moisture
Avoid dripping or splashing of liquids onto the product. Objects filled with liquids, such as vases, should not be placed on the product.

6. Setting
Do not place this TV on an unstable cart, stand or table. Placing the TV on an unstable base can cause the TV to fall, resulting in serious personal injuries as well as damage to the TV. Use only a cart, stand, bracket or table recommended by the manufacturer or salesperson.

7. Ventilation
Slots and openings in the cabinet are provided for ventilation, to ensure reliable operation of the TV and to protect it from overheating. Do not cover the ventilation openings in the cabinet and never place the set in a confined space such as built-in cabinet unless proper ventilation is provided. Leave a minimum 10cm gap all around the unit.

8. Power Source
This TV should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supplied to your home, consult your appliance dealer or local power company.

9. Power-Cord Protection
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, wall outlets, and the point where they exit from the TV. MAIN plug is used as the disconnect device, the disconnect device shall remain readily operable.

10. Lightning
For added protection for this TV during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the TV due to lightning or power-line surge.

11. Power Lines
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. Where 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.

12. Overloading
Do not overload wall outlets and extension cords as this can result in a risk of fire or electric shock.

13. Object and Liquid Entry
Never push objects of any kind into this TV through openings as they may touch dangerous voltage points or short-out parts that could result in fire or electric shock. Never spill liquid of any kind on or into the TV.

14. Outdoor Antenna Grounding
If an outside antenna or cable system is connected to the TV, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges.

15. Servicing
Do not attempt to service this TV yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

16. Damage Requiring Service
Unplug the TV from the wall outlet and refer servicing to qualified service personnel under the following conditions:
(a) When the power - supply cord or plug is damaged.
(b) If liquid has been spilled, or objects have fallen into the TV.
(c) If the TV has been exposed to rain or water.
(d) If the TV does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the TV to its normal operation.
(e) If the TV has been dropped or the cabinet has been damaged.
(f) When the TV exhibits a distinct change in performance - this indicates a need for service.

17. Replacement Parts
When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock or other hazards.

18. Safety Check
Upon completion of any service or repair to the TV, ask the service technician to perform safety checks to determine that the TV is in safe operating condition.

19. Heat
The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

Connection Instructions

- Connecting an Aerial

  To view television channels correctly, a signal must be received by the set from the following source:

  • An outdoor VHF/UHF antenna.

- Connecting HDMI

  Supports digital connections between HDMI - enabled A/V devices such as (PVRs, DVD, Blu-Ray, HD-DVD, AV receivers and digital devices).

  No sound connection is needed for HDMI to HDMI connection.

  What is HDMI?

  Some devices such as a PVR or DVD players require a HDMI signal to be set to output in the device's settings. (Please consult your device user manual for instructions.)

  • HDMI, or high-definition multimedia interface, is a high resolution interface that enables the transmission of digital audio and video signals using a single cable without compression.

  • "Multimedia interface" is a more accurate name for it especially because it allows multiple channels of digital audio (5.1 channels).The difference between HDMI and DVI is that the HDMI device is smaller in size, has the HDCP (High Bandwidth Digital Copy Protection) coding feature installed, and supports multi - channel digital audio.

  • Use the HDMI terminal for HDMI connection to a compatible device. If your external device has DVI only, you should use a DVI-to-HDMI cable (or adapter) for the connection, and the "R - AUDIO - L" terminal on DVI for sound output.

- Connecting Component Devices (DVD/PVR)

  Connect Component video and audio cables to Component inputs ("Y"(Green), "PB"(Blue), "PR"(Red)) on the rear of your set and the other ends to corresponding component video out connectors on the source (PVR, DVD, etc)

  The Y, P_B and P_R connectors on your component devices (PVR or DVD) are sometimes labeled Y, B-Y and R-Y or Y, C_B and C_R. (Colours for inputs and cables must correspond on both devices.)

NOTE

Some devices such as a PVR or DVD player require a "Component/YP_BP_R" signal to be set to output in the devices settings. (Please consult your device user manual for instructions.)

- Connecting External A/V Devices

  Connect a Video RCA cable to an appropriate external A/V device such as a VCR, DVD or Camcorder.

  Connect RCA audio cables to "R (Right/Red) - AUDIO - L (Left/White)" and Video cable with yellow connector to the "Y" (Green) input on the rear of your set and the other ends to corresponding audio and Video out connectors on the A/V device.

- Connecting a Computer (Depends on the availability model)

  Connect the VGA cable to "VGA" on the rear of your set and the other end to the Video Card of your computer.

  Connect the stereo audio cable to "AUDIO IN" on the rear of your set and the other end to "Audio Out" of the sound card on your computer.

  Primarily this unit is intended for use as an LCD TV. If using as a monitor, and compatibility is a problem; please contact the manufacturer of the PC Video/Graphic's card for further support. Perfect compatibility is not warranted.

- Connecting USB data Devices

  Connect a USB device for browsing photos, listening music, watching movies. This USB port also can be used for servicing and updating software on your TV.

- Connecting Digital Audio

  Connect a coaxial or optical audio device to this jack. (Depending on the TV model, the digital audio will be optical or coaxial.)

- Connecting Headphones

  Headphones can be connected to the headphone output on the side of your set.

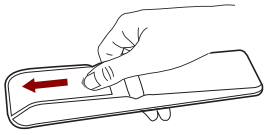
- Connecting MHL-enabled devices (Depends on the availability model)

  MHL -enabled devices can be connected to the MHL jack of your set. You can use [▲/▼/◄/►] and [**OK**] to navigate on your devices. (The buttons you used to navigate on your device may vary depending on the device.)

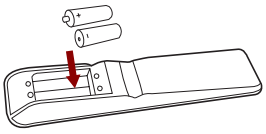
Installing Batteries in the Remote Control

1. Slide the back cover to open the battery compartment of the remote control.
2. Insert two AAA size batteries. Make sure to match the (+) and (-) ends of the batteries with the (+) and (-) ends indicated in the battery compartment.
3. Close the battery compartment cover.

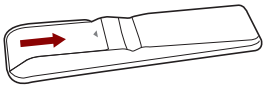
❶ Gently push and slide



❷ Insert the batteries



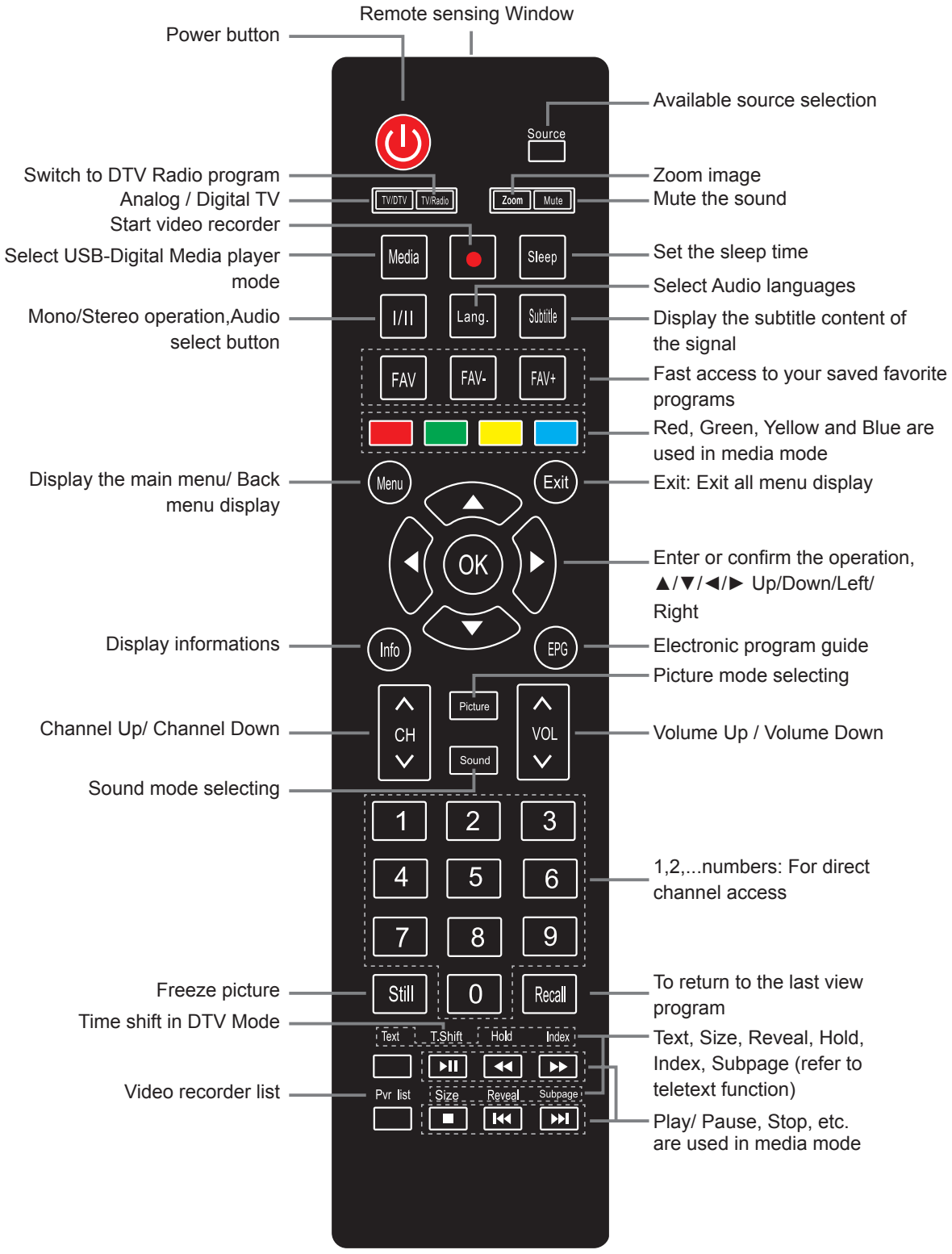
❸ Gently push and slide



NOTES

- Product image is only for reference, actual product may vary in appearance.
- Dispose of your batteries in a designated disposal area. Do not throw the batteries into a fire.
- Do not mix battery types or combine used batteries with new ones.
- Remove depleted batteries immediately to prevent battery acid from leaking into the battery compartment.
- If you do not intend to use the remote control for a long time, remove the batteries.
- Batteries should not be exposed to excessive heat, such as sunshine, heat registers, or fire.
- Battery chemicals can cause a rash. If the batteries leak, clean the battery compartment with a cloth. If chemicals touch your skin, wash immediately.

Viewing the Remote Control



Using the Remote Control

- Turning your TV on and off

  To turn your TV on: Connect the TV to an AC power outlet and an external antenna, then turn on the power via switch located below the front right hand side of unit.

  - Turning off to standby mode: Press [⏻STANDBY] for a few seconds to turn on the TV or put the TV in standby mode.
  - Power indicator: Light indicates standby mode.

  NOTE

  Turn the power switch off when you do not intend to use the TV for long periods, for example overnight. Remove the connection from the wall power outlet if you do not intend to use the unit for longer periods, for example if you plan to be away a few days. Wait at least 5 seconds after turning off if you want to re-start the TV.

- Selecting the Input Source

  - Select the Input Source depending on the video device you have connected to your TV.
  - To select the Input Source:

    Press [Source] button. When the list of Input Source appears, press [▲/▼] to select the source, then Press [OK] to connect.

- Adjusting the volume

  Press [VOL∧/VOL∨] to increase or decrease the volume.

  Press [Mute] to turn the sound off. Press [Mute] again to turn the sound back on.

- Changing channels

  Press the [CH Λ/CH V] buttons to go to the next higher or lower channel. Or, Press the number buttons to select a channel. For example, to select channel 12, press [1], then press [2].

- Selecting the sound mode

  Press the [Sound] button to select between 4 different pre-adjusted sound modes: Standard, Music, Personal and Movie.

- Selecting the picture mode

  Press the [Picture] button to select between 4 different pre-adjusted picture modes: Standard, Mild,Personal and Dynamic.

- Selecting the aspect ratio

  Press the [Zoom] button to change the screen aspect ratio among Auto, 4:3, Full, Zoom1, Zoom2.

  NOTE

  The option of aspect is vary with different source.

- Freezing a picture

  Press the [Still] button to freeze the image at any moment.

  Press again to resume normal motion.

- Setting the sleep timer

  You can specify how long you want your TV to wait for before it automatically turns off.

  Pressing [Sleep] button repeatedly will allow you to change the sleep timer mode: Off, 5 minutes, 15 minutes, 30 minutes, 60 minutes, 90 minutes, 120 minutes, and 240 minutes.

- Audio function

  Pressing [I/II] button the TV screen will display the Audio options such as Stereo/Dual I/Dual II/Mixed.

- Displaying Channel List

  Press [OK] to display the full list of digital and analogue channels available.

- Electronic Programming Guide (EPG)

  Provides convenient access to the television programs that will be available in the next 7 days. The information displayed by the EPG is made available by the commercial television networks for digital channels only. The EPG also provides a simple way to program the recording of your favorite programs. There is no need to setup complicated timers.

  Press the button EPG in the remote control to enter EPG menu.

  Press the [Red] button to display previous date.

  Press the [Green] button to display next date.

  Press the [Yellow] button to see the setting you have done before.

  Press the [Blue] button to set reminder for the program you want to watch.

NOTE

An USB storage device must be attached to the television for recording purposes. Please refer to the PVR section of this manual.

- EPG functions

The Remind function will change automatically channels at the correct time so that you do not miss programs of interest. Select the program from the EPG and press the [BLUE] button “Reminder” to setup this feature.

Press the [GREEN] button “NextDate” when the EPG is active to display detailed information and comments about television programs of tomorrow.

Press the [YELLOW] button “Schedule” to display a list of scheduled recordings and reminders.

- How to record program using PVR Function

The PVR list function enables the user to easily record the digital television content for later viewing. The function is to be used in DTV source only, the format of storage disk must be FAT32. This option does not commence if the data storage device has not been connected. You can press record button [●] on remote control to record the DTV program you are watching. Press [■] button to stop recording. To record future program, press [EPG] button and then select the program you want to record by pressing [●] button. Frequency of recording can be set as as once, daily or weekly.

NOTE

If TV already set for parental guidance, you need to check the rating of the desired schedule program for recording with the level of your setting. If the selected program for recording is over the selected parental guidance rating, TV will not start recording the program.

Turning the TV On for the First Time

1. Connect the mains cable to the mains socket after you have completed all the connections.
2. Switch on ⏻ at the bottom of the TV.
3. The first time you turn the TV on, it will go straight into the Installation Guide. It will assist you to specify the OSD Language, Mode Setting, Country, Tuner Type, Auto Scan, LCN, Auto Channel Update.

NOTE

- Always disconnect the TV from the mains socket when it is not in use for a long period of time. To completely disconnect the mains power, please remove the mains plug from the mains socket or switch off the power switch.

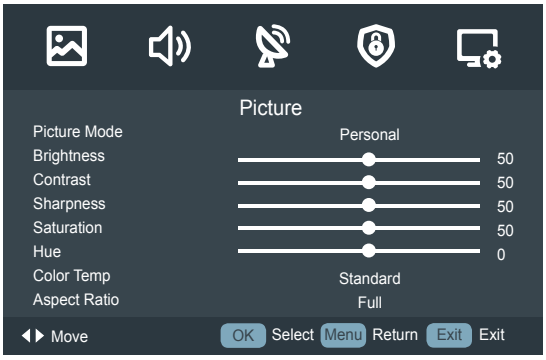
4. Press the [▲/▼/◄/►] buttons to navigate the menu and change the settings.

OSD Language	Select your desired language to be displayed on the menu.
Mode Setting	Select your Mode Setting: Store Mode and Home Mode. Store Mode: Optimizes the picture for store environments. Home Mode: Recommended mode for the home use and low power consumption. Please note that Use settings are not saved after switching off the TV when you select Store Mode.
Country	Select the country where you will operate the TV.
Tuner Type	Select your Tuner Type: Antenna and Cable.
Auto Scan	Select your Auto Scan: ATV, DTV, DTV+ATV.
LCN	Logical Channel Numbers: In a convenient and familiar way to provide program numbers to users.
Auto Channel Update	Select **On** or **Off** to channel update.

5. Select **Start** into **Auto Scan**. After scan, the channels are arranged in a preset order. If you wish to skip channels, modify the preset order or rename channels, select Edit Programmes under the Channel menu.

To Use the Menu

1. Press the [**Menu**] button to open the main Menu.
2. Press the [◄/►] buttons to select a Menu option, then press the [**OK**] buttons to enter the Menu.
3. In each Menu, you can:
   - Press the [▲/▼] buttons to select an item,
   - Press the [◄/►] buttons to adjust the value,
   - Press the [**OK**] buttons to enter the subMenu,
   - Press the [**Menu**] buttons to return to the previous Menu.
4. Press the [**Exit**] button to Exit the Menu.

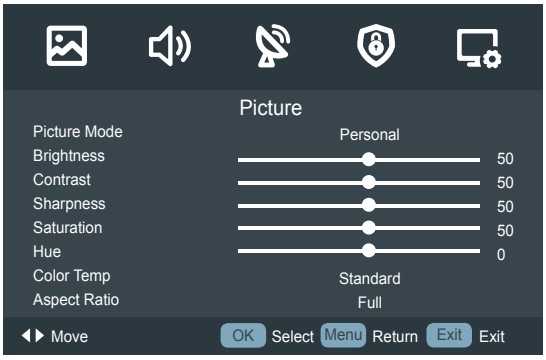


NOTE

The menus in the user manual may vary slightly from the actual screen.

Using the Picture Menu

The picture setting allows the user to optimize the output quality picture of the TV.

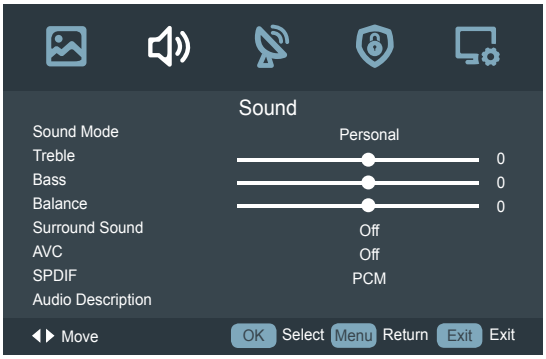


Picture Mode	For setting up the picture mode and improving the TV picture quality. Press the [**Menu**] button and then select Picture Mode. Based on the environment and the requirement select the correct picture mode from the following options: Standard, Mild, Personal, Dynamic.
Brightness	Adjust the overall luminance of the picture.
Contrast	Adjust the luminance ratio between black and white.
Sharpness	Adjust to achieve the optimum sharpness of edges and details within the picture.
Saturation	Adjust flesh tones so that they appear natural.
Hue	Change the backlight level. (Only available when receiving systems is NTSC)
Color Temp	Adjust the color components independently to achieve the desired warm or cool feeling by selecting one of the following options: Standard, Warm and Cool.
Aspect Ratio	You can set various display modes which are shown as follows. Or press the [**Zoom**] button, you can achieve: Auto, 4:3, Zoom 1, Zoom 2, Full.

Screen Mode	Adjust HDMI display mode. You can select Auto, Video or PC.
NR	Reduce the noise level of the connected devices. You could select one of the following options: Off, Weak, Medium, Strong.
Dynamic Contrast	Adjust the dynamic contrast feature of the screen: Off, Weak, Medium, Strong. If this option is Off, the TV will automatically adjust the screen contrast.

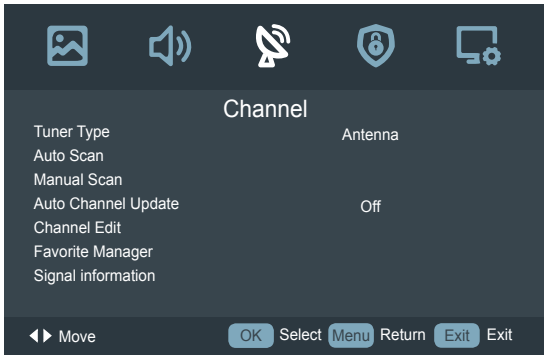
Using the Sound Menu

The sound setting allows the user to optimize the output audio sounds of the TV.



Sound Mode	Select the Sound Mode options based on the personal requirement: Personal / Standard / Music / Movie.	
Treble	Adjust the treble level of the sounds.	
Bass	Adjust the bass level of the sounds.	
Balance	Adjust the relative volume of the speakers between the left and right speakers.	
Surround Sound	You can On/Off of the surround sound.	
AVC	Turn automatic volume control on or off. The option keeps the audio in a preset range to eliminate large spikes in volume.	
SPDIF	Send digital audio to an external audio system. You can select: PCM / Auto / Off.	
	PCM	PCM outputs two channel audio regardless of the input format.
	Auto	Select digital audio output format Auto.
Audio Description	Audio Description is an auxiliary audio function that provides an additional audio track for visually challenged persons. This function handles the Audio Stream for the AD (Audio Description), when it is sent along with the main audio from the broadcaster. · Press the [**OK**] button, enter to Audio Descrition menu · Set **Mode** to “Off” for normal broadcasting sound coming out from speakers. · Set **Mode** to “On” to activate the description sound track if available. The availability of Audio Description sound track is indicated by the visually impaired icon “V.I.” in the information banner.	
Sound Type	Select Audio Type : Stereo, Dual I, Dual II, Mixed.	

Using the Channel Menu



When the Reception Type is set to Antenna

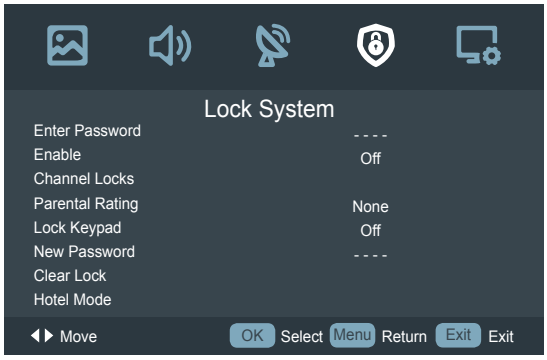
Tuner Type	Select a preset Tuner Type: **Antenna**.		
Auto Scan	Press the [**OK**] button, then press the [▲/▼/◄/►] buttons to set the Country and Mode, select **Start** to scan channels.		
Manual Scan	Select a preset Manual Scan: **Digital Manual Scan / Analog Manual Scan**.		
	Digital Manual Scan	Allow you to make manual fine tuning adjustments of the channel under DTV mode.	
		Press the [**OK**] button, when the **Digital Manual Scan** screen will pop up, press the [◄/►] buttons to set the Digital Scan and then select **Start** to scan channels. When the signal has been tuned, Frequency and Strength will be displayed on the screen.	
	Analog Manual Scan	Allows you to make manual fine tuning adjustments if the channel reception is poor under ATV mode.	
		Analog Scan	Press the [◄/►] button to select the analog scan or press the [0~9] buttons to set the analog scan.
		Channel to Save	Press the [◄/►] buttons to select the channel number which you desired.
		Color System	Select the color system: Auto, PAL, SECAM.
		Sound System	Select the volume mode: DK, I, L, L', BG.
		AFC	Automatic Frequency Control. Press the [◄/►] buttons to select On / Off.
		Start	Press the [**OK**] button to scan channels.
Auto Channel Update	This mode allows the users to automatically update the channel list. This option is available by setting the Channel List Update Switch to ON.		
Channel Edit	**Edit the channels:** · Delete: Press the [**RED**] button to delete the selected channel from the list. · Skip: Press the [**Green**] button to skip the channel, then it still displayed in the channel list with the mark of skip. Press the [**OK**] button to select Options, the channel list can be updated. · Move: Press the [**BLUE**] button to move the selected channel.(ATV mode.) · Rename: Press the [**YELLOW**] button, to rename the file.(ATV mode.)		
Favorite Manager	The program can be edited, and sorted them into four groups in FAV.		

Signal information	Display detail signal informations. (DTV mode)

When the Reception Type is set to Cable

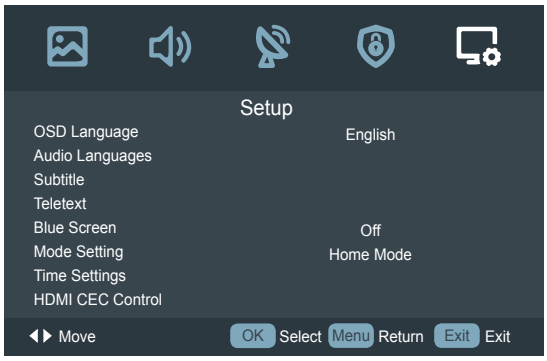
Tuner Type	Select a preset Tuner Type: **Cable**.		
Auto Scan	Press the [**OK**] button, then press the [▲/▼/◄/►] buttons to set the Country, Mode, Scan Type, Network ID, Frequency and Symbol Rate, select **Start** to scan channels.		
Manual Scan	Select a preset Manual Scan: **Digital Manual Scan / Analog Manual Scan**.		
	Digital Manual Scan	Allows you to make manual fine tuning adjustments of the channel under DTV mode.	
		Network ID	Press the [◄/►] button to select Auto or press the [0~9] buttons to set the ID.
		Frequency	When the Digital TV Manual Scan screen will pop up, press the [▲/▼] buttons to select Frequency and then press the [0~9] buttons to input the frequency.
		Symbol Rate	Press the [◄/►] button to select Auto or press the [0~9] buttons to set the symbol.
		Modulation	Press the [◄/►] button to select modulation type.
		Start	Press the [**OK**] button to scan channels.
		Strength	Displays the signal strength of the currently selected frequency point.
	Analog Manual Scan	Allows you to make manual fine tuning adjustments if the channel reception is poor under ATV mode.	
		Analog Scan	Press the [◄/►] button to select the analog scan or press the [0~9] buttons to set the analog scan.
		Channel to Save	Press the [◄/►] buttons to select the channel number which you desired.
		Color System	Select the color system: Auto, PAL,PAL M, PAL N, NTSC, SECAM.
		Sound System	Select the volume mode: BG, I(I only for PAL), L(L only for SECAM), DK, M, N .
		AFC	Automatic Frequency Control. Press the [◄/►] buttons to select On / Off.
		Start	Press the [**OK**] button to scan channels.
Auto Channel Update	This mode allows the users to automatically update the channel list. Press the [◄/►] buttons to select On / Off.		
Channel Edit	· Delete: Press the [**RED**] button to delete the selected channel from the list. · Skip: Press the [**Green**] button to skip the channel, then it still displayed in the channel list with the mark of skip. Press the [**OK**] button to select Options, the channel list can be updated. · Move: Press the [**BLUE**] button to move the selected channel. · Rename: Press the [**YELLOW**] button, to rename the file.(ATV mode)		
Favorite Manager	The program can be edited, and sorted them into four groups in FAV.		
Signal information	Display detail signal informations. (DTV mode)		

Using the Lock System Menu



Enter Password	Prevent unauthorized users, such as children, from watching unsuitable programme. When you first use this function, the default password is [**0000**]. Once you input this password, you can continue to the next operation. You can change password in the New Password submenu.
Enable	The Lock System must be set to **On** for this function to operate. Set to **Off** is prohibit of the function.
Channel Locks	Channel Lock is designed to prevent children watching unsuitable programs. Press the [**OK**] button and enter to the menu. Then press the [▲/▼] buttons to select the channels you want to lock and then press the [**OK**] button to confirm. A lock icon will display on the right of the channel and then the channel is locked. (Not available in HDMI or Component mode)
Parental Rating	This function allows you to set up blocking schemes to block programmes and channels with age ratings. It operates according to information from the broadcasting station, therefore if the signal has incorrect or no information, this function will not operate.
Lock Keypad	You can select On / Off. If you set to **On**, you will use the keypad input the password.
New Password	Enter a new password and then enter it again to confirm it The new PIN will be activated.
Clear Lock	Remove parental control settings.
Hotel Mode	Open the Hotel Mode menu.

Using the Setup Menu



OSD Language	Select a preset Menu Language mode: English / Deutsch / Francais……		
Audio Languages	Allows you to select your desired audio languages. Press the [◄/►] buttons to select the Audio Primary / Secondary language. Press the [▼] button and then press the [▲/▼/◄/►] buttons to select your desired audio languages.		
Subtitle	Allows you to select your desired subtitle language. Press the [◄/►] buttons to select the Subtitle Primary / Secondary language or Hearing Impaired. Press the [▼] button and then press the [▲/▼/◄/►] buttons to select your desired subtitle language.		
Teletext	Press the [**OK**] button and enter to the menu. Then press the [◄/►] buttons to select Decoding Page Language: West, East, Cyrillic, Arabic, Farsi.		
Blue Screen	Allows the blue screen to turn On / Off during no signal conditions.		
Mode Setting	Select your Mode Setting: Store Mode or Home Mode.		
	Store Mode	Optimizes the picture for store environments.	
	Home Mode	Recommended mode for the home use and low power consumption.	
Time Settings	**OSD Timer**	Allows you to select the display time of the on-screen Menu: Off, 10 seconds, 20 seconds, 30 seconds, 60 seconds.	
	Sleep Timer	The sleep timer automatically switches the TV to standby after the preset time has elapsed. The clock will be set automatically when receiving a digital signal. Time must be set before using Sleep Timer function. Press the [◄/►] buttons to select a period of time after which the TV automatically switches to standby mode: Off / 5 / 15 / … / 120 / 240 Mins. The timer begins to count down from the number of minutes selected.	
		NOTES • If you turn the TV off after setting the sleep timer, the sleep timer setting will be erased.	
	Auto Sleep	Select the Auto Sleep options based on the personal requirement: Off / 3 hours / 4 hours / 5 hours.	
	Time Zone	When you select a Time Zone city, the TV time is set by the time offset information based on Time Zone and GMT (Greenwich Mean Time) which is received with the broadcast signal and the time is set automatically by a digital signal.	
	Time	Press the [**OK**] button and enter to the menu.	
		Auto Sync	Allows to adjust the date and time manual when it is set to Off. Select On to output the time information from digital signal (DTV).
		Date	Press the [**OK**] button, then press the [▲/▼/◄/►] buttons to setting the date, and press the [**OK**] button to confirm.
		Time	Press the [**OK**] button, then press the [▲/▼/◄/►] buttons to setting the time, and press the [**OK**] button to confirm.
HDMI CEC Control	Users can control HDMI CEC compatible device connected to the HDMI Jacks on TV according the remote control that came with TV. To use CEC function, you must set the HDMI CEC Control on.		

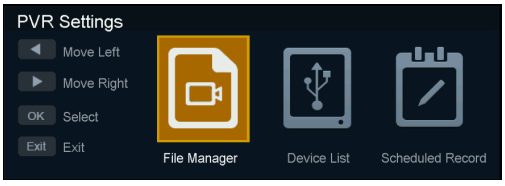
HDMI CEC Control

NOTE

- HDMI Cables must be used to connect HDMI CEC compatible devices to your TV.
- The connected device's HDMI CEC function must be turned on.
- If you connect One HDMI devcice that is not a HDMI CEC compatible,all the CEC Control function may not work.
- Depending on the connected HDMI device,the CEC control function may not work.

ARC	When CEC is turned on and you have connected an audio receiver to your TV, turning on Audio Receiver lets you use your TV's remode control to control the volume on the audio receiver.
CEC Menu Control	Press the [**OK**] button and enter the menu, then press the [▲/▼] buttons and press the [**OK**] button to enter the meun setting options.
Device List	Display list of HDMI CEC devices that are connected to TV and select the source you want.

PVR Settings



1.Use [◄/**Move Left**] and [►/**Move Right**] buttons to select the item you want to enter.
2.Press the [**OK/Select**] button to open following menus:
· File Manager: Open the menu "File Manager".
· Device List: open the menu "Device List".
· Scheduled Record: open the menu "Scheduled Record Setting List".
3.Press the [**Exit**] button to exit.

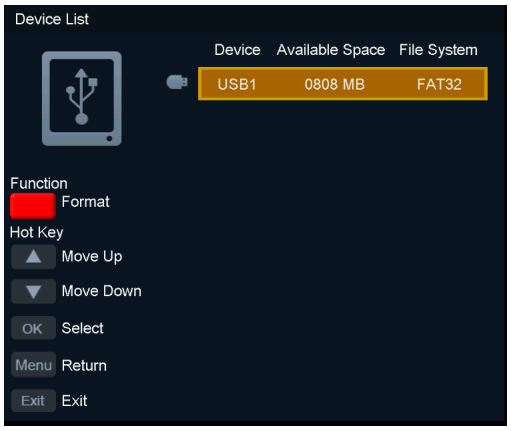
File Manager

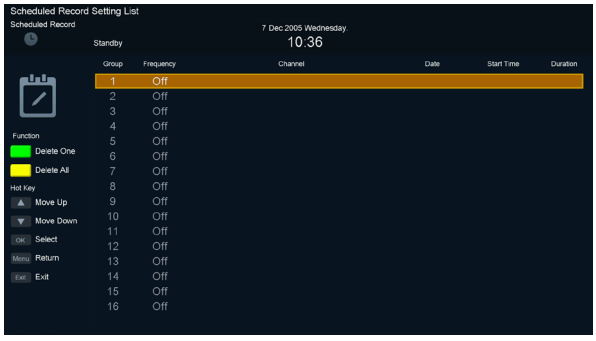
· **Four parts :**

1. The list of files that you have recorded.
2. Preview of the recorded file that you select.
3. The information of the select file.
4. Hot key.

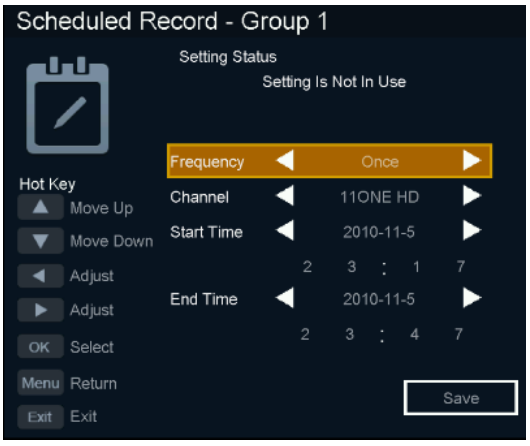
· **Function of keys:**

1.Press the [**RED/Replay**] button to replay the selected file.
2.Press the [**GREEN/Delete One**] button to delete the selected file.
3.Press the [**YELLOW/Delete All**] button to delete all recorded files .
4.Press the [**BLUE/Zoom In/Out**] button to play the selected file.

<table>
<tr><td rowspan="3">PVR Settings</td><td>File Manager</td><td>5.Press the [▲/Move Up] button to move item.
6.Press the [▼/Move Down] button to move item.
7.Press [OK/Select] button to play the selected file.
8.Press the [Menu/Return] button to return to the previous menu.
9.Press the [Exit] button to exit.</td></tr>
<tr><td>Device List</td><td> 

1.Press the [RED/Format] button to format the selected USB.
2.Press the [▲/Move Up] and [▼/Move Down] buttons to move item.
3.Press the [OK/Select] button to play the selected file.
4.Press the [Menu/Return] button to return to the previous menu.
5.Press the [Exit] button to exit.</td></tr>
<tr><td>Scheduled Record</td><td>Scheduled Record Setting List
 

1.Press the [Green/Delete One] button to delete the selected item.
2.Press the [YELLOW/Delete All] button to delete all items.
3.Press the [▲/Move Up] and [▼/Move Down] buttons to move item.
4.Press the [OK/Select] button will open the menu “Scheduled Record -Group”, to add new record item.
5.Press the [Menu/Return] button to return to the previous menu.
6.Press the [Exit] button to exit.</td></tr>
</table>

<table>
<tr><td rowspan="3">PVR Settings</td><td>Scheduled Record</td><td>Scheduled Record -Group
 

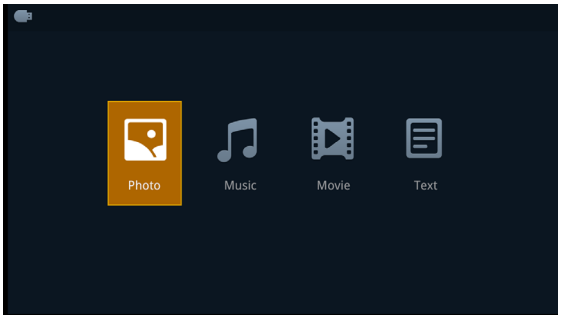
1.Press the [▲/Move Up] and [▼/Move Down] buttons to move item .
2.Press the [◄/Adjust] and [►/Adjust] buttons to adjust the selected item.
3.Press the [OK/Select] button to set following items:
· Channel : enter new menu to select the channel to record.
· Start Time date : open new menu to set the start time.
· End Time date : open new menu to set end time.
· Save : save setting and return to the previous menu.
4.Press the [Menu/Return] button to return to the previous menu.
5.Press the [Exit] button to exit.</td></tr>
<tr><td colspan="2">☑ NOTES
· PVR / T-shift doesn’t support NTFS.
· PVR doesn’t support encryption program recording.</td></tr>
<tr><td colspan="2"></td></tr>
<tr><td>First Time Setup</td><td colspan="2">Details see the page11.(Turning the TV On for the First Time)</td></tr>
<tr><td>Reset</td><td colspan="2">Restore all settings but Lock System to the factory defaults.</td></tr>
</table>

Digital Media Player(Media)

Be sure to insert the USB disk/mobile hard disk with standard USB port.

There are two options to start the Media:

- Press the [**Source**] button to display the Source menu, press the [▲/▼] buttons to enter the MEDIA source, then press the [**OK**] button to confirm. (If you want to exit Media, you can press the [**Source**] button to switch to other sources).
- Press the [**Media**] button to enter the Media mode directly.



1. Press the [◄/►] buttons to select the media type.
2. Press [▲/▼] buttons on the remote control to select the USB source and then Press the [OK] button to enter.
3. Press the [◄/►] buttons to change page.
4. Press the [▲/▼/◄/►] buttons to select the folder/file you want to open and then press the [**OK**] button to enter/play the folder/file.
4. Press the [**Exit**] button to return to the previous directory.

Playable format list

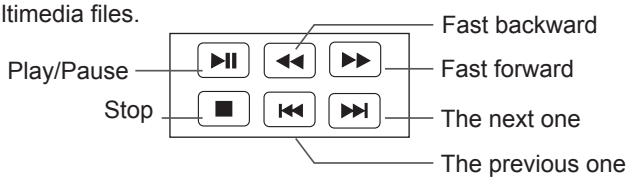
Files Format	*Playable format*
Photo	.jpg
Music	.avi(mp3,mpeg,ac3), .mp4, .rm
Video	.avi(H.264, MPEG, Divx), .mkv(H.264, MPEG), .flv, .mpeg, .wmv(Divx, XviD)

NOTES

- We cannot promise that this unit would support all the formats listed above, as the programming tools are different.
- For a full list, please refer to file format guide which is provided in more details at the end of User Manual.
- If the media codec is not supported by the player, a warning will be given.

Media content control function buttons

A group of dedicated buttons provide convenient control of multimedia files.



Browsing Pictures

1. Select Picture by pressing the four-way directional [▲/▼/◄/►] button on the remote.
2. Press [◄/►] button on the remote control to select the USB source and then Press the [**OK**] button to enter.
3. Press the [▲/▼/◄/►] buttons to select the folder that contains the picture you want to view.
4. Press the [**OK**] button to display picture.
5. Press the [**■/Exit**] buttons to exit or return to the previous directory.

When browsing the pictures.

- Press the [**Info**] button to display/exit the picture informantion bar.
- Press the [**BLUE**] button to display/exit the **Quick Menu**:

  Press the [▲/▼] buttons to select the options in the menu.

  Press the [◄/►] buttons to select the settings.
- Press the [◄/►] buttons to select the previous/next pictures.
- Press the [**OK**] button to pause, and press the [▲/▼] buttons to rotate the picture.

Playing Music Files

1. Select Music by pressing the four-way directional [▲/▼/◄/►] buttons on the remote.
2. Press [▲/▼] buttons on the remote control to select the USB source and then Press the [**OK**] button to enter.
3. Press the [▲/▼] buttons to select the folder that contains the music file you want to listen.
4. Press the [**OK**] button to play the music.
5. All the music is listed on the left. Press the [**CH∧/CH∨**] button to the left hand side menu bar, Press the [▲/▼] buttons to select the music and press the [**OK**] button to play it. You can press the [◄/►] buttons to change page up/down.

6. Press the [**BLUE**] button to display/exit the **Quick Menu**:

   Press the [▲/▼] buttons to select the options in the menu.

   Press the [◄/►] buttons to select the settings.

7. Press the [**Exit**] button to exit the music playback interface.

Playing Video Files

1. Select Video by pressing the four-way directional [▲/▼/◄/►] button on the remote.
2. Press [▲/▼] button on the remote control to select the USB source and then press the [**OK**] button to enter.
3. Press the [▲/▼] buttons to select the folder that contains the video you want to view.
4. Press the [**OK**] button to play the video.
5. Press the [■/**Exit**] buttons to exit and return to the previous directory.
6. Press the [**Info**] button to display/exit the picture control bar
7. Press the [◄/►] buttons to select the function icon and then press the [**OK**] button to confirm.

Function of icons:

1. The progress bar when playing.
2. Play/Pause. You can press the [►II] button directly to play/pause when there is no control bar on the screen.
3. Play the previous video. You can press the [I◄◄] button directly to achieve the function when no control bar displayed on the screen.
4. Play the next video. You can press the [►►I] button to achieve the function when no control bar displayed on the screen.
5. Fast backward. Then press the [**OK**] button to select the backward speed. You can press the [◄◄] button to achieve the function.
6. Fast forward. Then press the [**OK**] button to select the forward speed. You can press the [►►] button to achieve the function.
7. Stop play and back.

8. Press the [**BLUE**] button to display/exit the **Quick Menu**:

   Press the [▲/▼] buttons to select the options in the menu.

   Press the [◄/►] buttons to select the settings.

NOTE

You can press the [**Zoom**] button to change the aspect ratio (Full, Zoom1, Zoom2, 4:3) while playing the video.

Viewing Text Files

1. Select Video by pressing the four-way directional [▲/▼/◄/►] button on the remote.
2. Press [▲/▼] button on the remote control to select the USB source and then press the [**OK**] button to enter.
3. Press the [▲/▼] buttons to select the folder that contains the text you want to view.
4. Press the [**OK**] button to browse the test.
5. Press the [■/**Exit**] buttons to exit and return to the previous directory.
6. Press the [**BLUE**] button to display/exit the **Quick Menu**:

   Press the [▲/▼] buttons to select the options in the menu.

   Press the [◄/►] buttons to select the settings.

TroubleShooting

If the TV does not operate as usual or appears to be faulty please read carefully this section. Many operational issues can be resolved by users.

It is also advisable to unplug the TV from the AC socket on the wall for 60 seconds or more, then reconnect and start again. This simple procedure helps in restoring stable conditions for electric circuits and firmware of the unit.

Please contact Manufacturer Customer Care if the problem is unresolved or you have other concerns.

SYMPTOMS	*POSSIBLE SOLUTIONS*
No sound or picture.	● Check if the power cord is plugged into a powered AC outlet. ● A power switch on the right side bottom edge of the front panel must be turned on. Press the [POWER] button on the remote control to activate the unit from Standby. ● Check to see if LED light is either red or blue. If illuminated, power to TV is OK.
I have connected an external source to my TV and I get no picture and/or sound.	● Check for the correct output connection on the external source and for the correct input connection on the TV. ● Make sure you have made the correct selection for the input mode for the incoming signal.
When I turn on my television, there is a few second delay before the picture appears. Is this normal?	Yes, this is normal. That is the TV searching for previous setting information and initializing the TV.
Picture is normal, but no sound.	● Check the volume settings. ● Check if Mute mode is set “on”.
Sound but no picture or black and white picture.	● If black and white picture first unplug TV from AC outlet and re-plug after 60 seconds. ● Check that the Colour is set to 50 or higher. ● Try different TV channels.
Sound and picture distorted or appear wavy.	● An electrical appliance may be affecting TV set. Turn off any appliances, if interference goes away, move appliance farther away from TV. ● Insert the power plug of the TV set into another power outlet.
Sound and picture is blurry or cuts out momentarily.	● If using an external antenna, check the direction, position and connection of the antenna. ● Adjust the direction of your antenna or reset or fine tune the channel.
Horizontal/vertical stripe on picture or picture is shaking.	Check if there is interfering source nearby, such as appliance or electric tool.
The plastic cabinet makes a “clicking” type of sound.	"Click" sound can be caused when the temperature of the television changes. This change causes the television cabinet to expand or contract, which makes the sound. This is normal and the TV is OK..
Remote control does not work.	● Confirm that TV still has power and is operational. ● Change the batteries in the remote control. ● Check if the batteries are correctly installed.

Technical Specifications

Colour System	PAL SECAM
Television System	PAL\SECAM, B/G, D/K, DVB-T+C
Environmental Conditions	Temperature: 5°C - 45°C Humidity: 20% - 80% RH Atmospheric pressure: 86 kPa - 106 kPa
Component Mode	480I/60Hz, 480P/60Hz, 576I/50Hz, 576P/50Hz, 720P/50Hz, 720P/60Hz, 1080I/50Hz, 1080I/60Hz, 1080P/50Hz, 1080P/60Hz
VGA Mode	640×480, 800×600, 1024×768, 1280×1024 (Not available for 32" model) , 60Hz
HDMI Mode	480I/60Hz, 480P/60Hz, 576I/50Hz, 576P/50Hz, 720P/50Hz, 720P/60Hz, 1080I/50Hz, 1080I/60Hz, 1080P/50Hz, 1080P/60Hz 640×480, 800×600, 1024×768

NOTE

Features, appearance and specifications are subject to change without notice.

Playable format list

File Extension	Container	Video Decoder	Resolution	Frame/Sec	Audio Decoder
*.avi	AVI	MPEG2 MP MPEG4 SP/ASP	1920x1080	30	MP3/AC3/MPEG4 AAC/ MPEG2 AAC
		H.264 MP/BP/HP	1920x1080	30	
*.asf	ASF	MPEG4 SP/ ASP	1920x1080	30	MP3
*.mp4	MP4	MPEG4 SP/ ASP	1920x1080	30	MP3/MPEG2 ACC/MPEG4 AAC
		H.264 MP/BP/HP	1920x1080	30	
*.mkv	MKV	H.264 MP/BP/HP	1920x1080	30	MP3/MPEG2 AAC/MPEG4 AAC/AC3
		MPEG4 SP/ ASP	1920x1080	30	
*.mpg *.mpeg	PS	MPEG1	768x576	30	MP3/AC3
		MPEG2 MP	1920x1080	30	
.ts	TS	H.264 MP/BP/HP	1920x1080	30	MPEG Layer1/MPEG2 AAC/ MPEG4 AAC
		MPEG2 MP	1920x1080	30	
*.FLV	FLV	H.264 MP/BP/HP	1920x1080	30	MP3/MPEG2 AAC/MPEG4 AAC
*.vob	PS	MPEG2 MP	1920x1080	30	MP3/AC3

If the media codec is not supported by the player, a warning will be given.