



# MANTA

**LED TV 40"**

**LED4004**

User's Manual

## PRECAUTION

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. This apparatus with CLASS II construction .
6. Do not use this apparatus near water, the apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.
7. Clean only with dry cloth.
8. Do not install this apparatus in windtight places such as the wall-unit. Do not block any ventilation openings.
9. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
10. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
11. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
12. Only use attachments/accessories specified by the manufacturer.
13. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
14. Unplug this apparatus during lightning storms or when unused for long periods of time.
15. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.



### **CAUTION**

Danger of explosion if battery is incorrectly replaced.

Replace only with the same or equivalent type.

Batteries shall not be exposed to excessive heat such as sunshine, fire or the like.

Used batteries should not be thrown into the garbage can, please leave them at an appropriate depot.



### **CAUTION**

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



### **CAUTION**

These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.


### **Attention:**

Motionless picture might cause permanent destruction to the display.

- Be sure not to display motionless picture on the LED TV for more than 2 hours, because it would cause picture remnants to appear, which is called "screen burns". To avoid such picture remnants, please decrease the "contrast" and "brightness" of the display when displaying motionless picture.
- While watching TV program in 4:3 size mode for a long time, there would be traces on the edge of the screen's left, right and center parts because of different transmission of the light on the screen. Similar impact on the screen will occur when playing DVD or connecting games control. Products destroyed by these reasons can't be guaranteed for maintenance.
- It might cause picture remnants to display electronic games and motionless picture of PC more than a period of time. To avoid such effect, please decrease the "contrast" and "brightness" when displaying motionless picture.

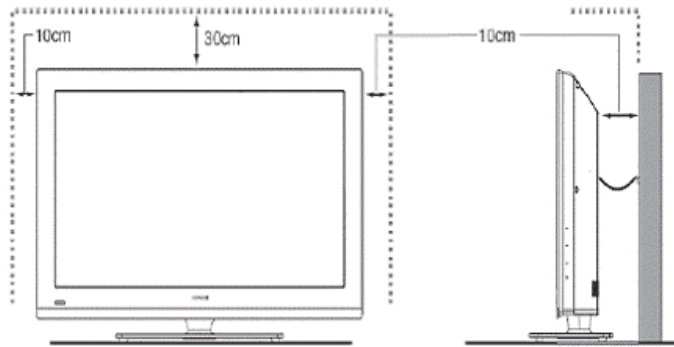
## IMPORTANT INFORMATION

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:

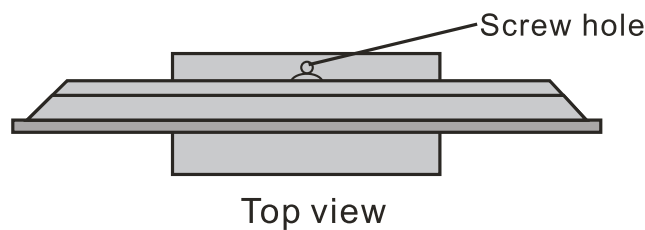
- Using cabinets or stands recommended by the manufacturer of the television.
- Only using furniture that can safely support the television.
- Ensuring the television is not overhanging the edge of the supporting furniture.
- Not placing the television on tall furniture (for example, cupboards or bookcases) 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.
- The each USB terminal should be loaded with 0.5 A under normal operation;
- Do not attach candle to accessible opening area, to avoid flammable foreign material from entering the TV 
- Minimum distances around the apparatus for sufficient ventilation;
- The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, table-cloths, curtains, etc.;
- No naked flame sources, such as lighted candles, should be placed on the apparatus;
- Attention should be drawn to the environmental aspects of battery disposal;
- The use of apparatus in tropical and/or moderate climates.
- Put the TV in the environment of moderate temperature, not to lay aside the Air Conditioner outlet or stove to avoid damage.
- Use both hands when carrying TV, make TV suffer stable outside force.



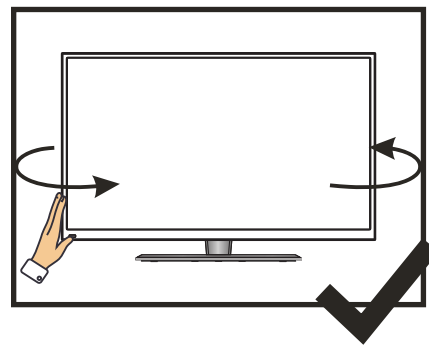
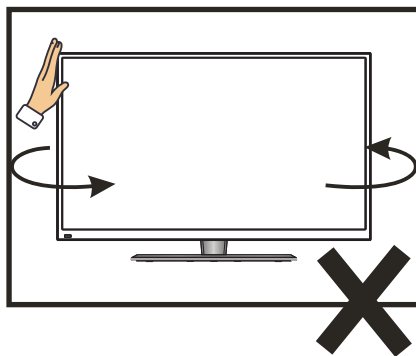
- Place the TV on a firm and flat surface, leaving a space of at least 10cm around the set and 30cm from the top of the set to the wall or cabinet. Ensure the TV is positioned close to the wall to avoid it falling when pushed.



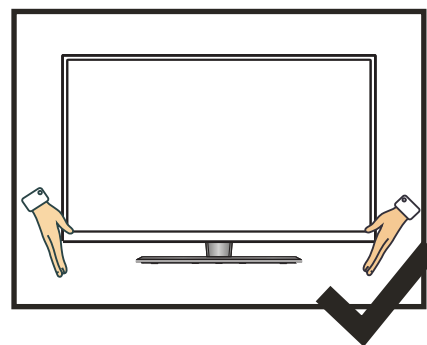
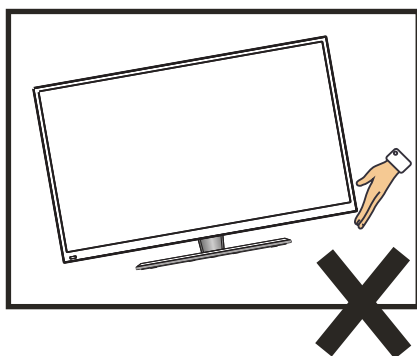
- To avoid the TV overturning, when installed, it must with screw through screw hole on the base for fixing TV on the desk



- When you turning the TV set, do not hold the top side of the TV set, you should hold the bottom side.



- When you lifting the TV set, do not use one hand to handle it, you should lift the TV set by two hands.



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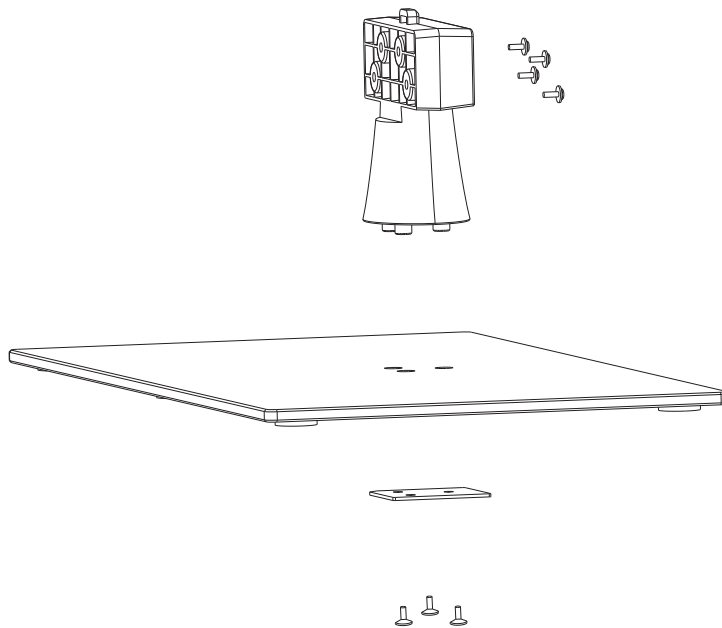
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## 1. Connection and Preparation of TV

### 1.1 Accessories

- ★ User Manual x 1
- ★ Remote Control x 1
- ★ Battery (UM-4/R03P/AAA) x 2
- ★ Wall Mount Kit x 1 (Pre-assembled)(Optional)

### 1.2 Installation of Stand



1. Place the TV with the front panel facing downwards on the soft cloth or soft pads on a desk.
2. Please put the PVC sticker on the turning axle firstly
3. Insert the stand into the bottom socket of the TV.
4. Insert the screws into the sockets and tighten them.

### 1.3 Installation of Wall Mount Kit(Optional)

The Wall Mount Kit can help install the TV on the wall.

For more information about wall mounting, please refer to the instructions provided along with the wall mount kit.

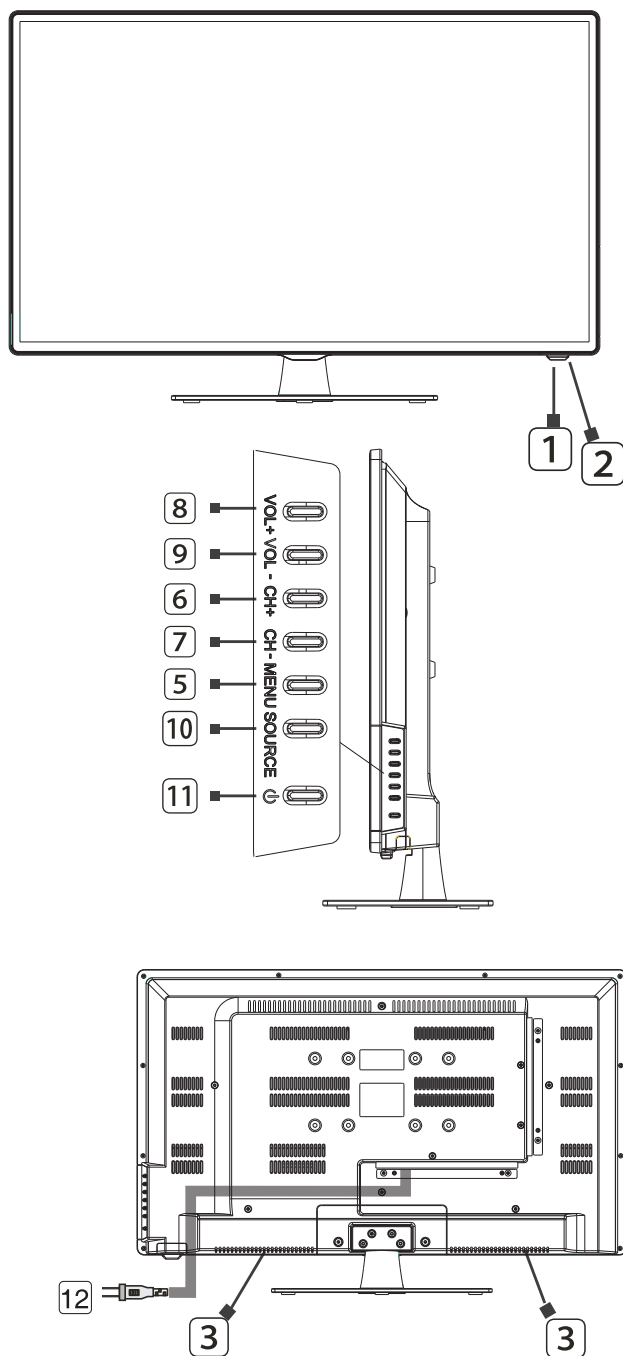
When wall mounting the product, please contact qualified personnel.

If users choose to install the TV by themselves, the producer is irresponsible for any possible damages caused either to the product or to persons .

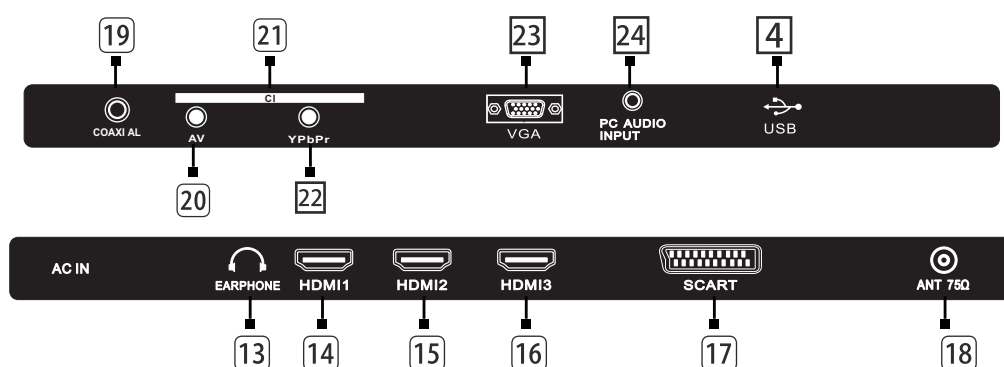
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## 1.4 Keys and Interfaces

The design and specification takes actual products as the standard

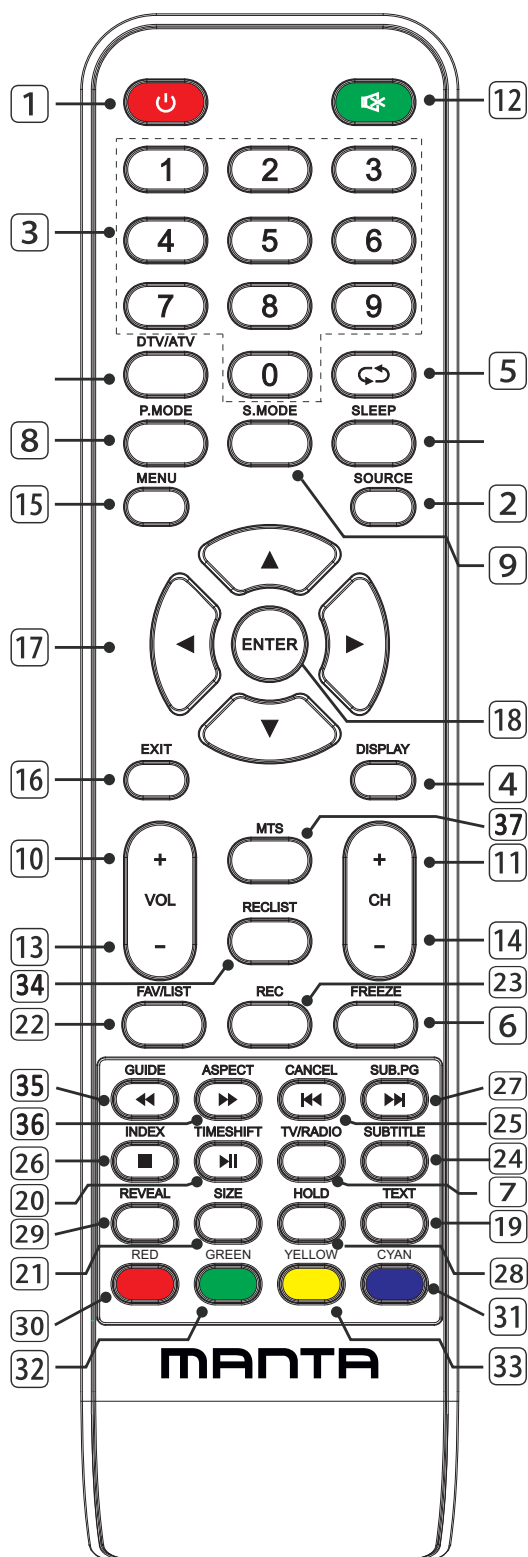


1. Remote sensor window
2. Power indicator
3. Speaker
4. USB
5. Menu key
6. Program “+” key
7. Program “-” key
8. Volume “+” key
9. Volume “-” key
10. Source key
11. Standby key
12. Power plug input
13. EARPHONE output
14. HDMI1 input
15. HDMI2 input
16. HDMI3 input
17. SCART input
18. RF input
19. COAXIAL
20. Mini AV input
21. CI input
22. Mini YPbPr input
23. PC(VGA) input
24. PC AUDIO input



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## 1.5 Remote Control

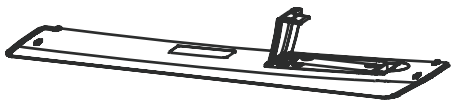


1. STANDBY(⏻): Standby turn on and off.
2. SOURCE: Select the signal source.
3. 0~9: Continue to press the keys to select a channel.
4. DISPLAY: Display the information of current video and audio.
5. ⏮ Return to the previous viewed program.
6. FREEZE: Freeze the picture.
7. TV/RADIO: Select the TV or Radio mode.
8. P.MODE: Select the picture mode.
9. S.MODE: Select the sound mode.
10. VOL+: Increase the volume.
11. CH+: Select the channel forward.
12. MUTE: Mute sound.
13. VOL-: Decrease the volume.
14. CH-: Select the channel backward.
15. MENU: Enter or exit menu.
16. EXIT: Exit current function.
17. ▲, ▼, ◀, ▶ key: The menu item selection.
18. ENTER: Confirm or enter.
19. TXT: Enter or exit teletext
20. TIMESHIFT: DTV mode time shift.  
MEDIA mode: ▶▶ Press one time to pause, press again to playback.
21. SIZE: Change the size of display in Teletext mode.
22. FAV.LIST: Favorite channel list
23. RECORD: DTV mode record data USB disk.
24. SUBTITLE: DTV mode select subtitle mode.
25. MEDIA mode: ◀◀ Previous.
26. INDEX: Display the index page.  
MEDIA mode: ■ Stop the playback and return to flelist.
27. SUB.PG: Enter the sub page mode.  
MEDIA mode: ▶▶ Next
28. HOLD: Hold the current page.
29. REVEAL: Reveal the hidden information.
30. RED: Access the red item or page.
31. BLUE: Access the blue item or page.
32. GREEN: Access the green item or page.
33. YELLOW: Access the yellow item or page.
34. RECLIST: Show the recorded list.
35. GUIDE: Launches the EPG (Electronic Program Guide)  
MEDIA mode: ◀◀ Fast Backward
36. ASPECT: Select picture scale.  
MEDIA mode: ▶▶ Fast Forward
37. MTS: Press to search the NICAM modes.

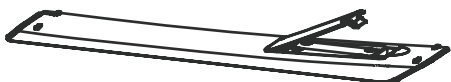
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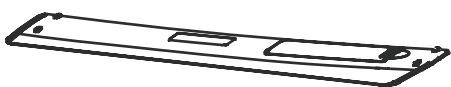
## 1.6 Installation of Batteries



1. Open the back lid of the remote control.
2. Install two 7#(AAA)1.5V batteries.  
Ensure the correct polarity of the batteries.



3. Cover the back lid.  
Please take out of the batteries from the remote control for long time of no use.



If the remote control doesn't work properly, please carry out the following checks.

- Check the TV is turned on.
- Check the polarity of the batteries are correct.
- Check the batteries are not drained.
- Check the power supply is normal or the power cord is correctly connected.
- Check there are no special fluorescent light or neon light around.



## 2. Basic Operation

### 2.1 Power ON/OFF

- Connect the power cord to the **AC input**. Insert the power cord into the appropriate socket.
- Press the **Power switch** to switch on the TV, then press **Power** button to turn on the unit.
- Press the **Power switch** again to switch off the TV.

Note: After switch off the TV, please don't immediately re-open the power switch ,should be delayed one minute more to re-open the power switch.

### 2.2 Setting of Standby Mode

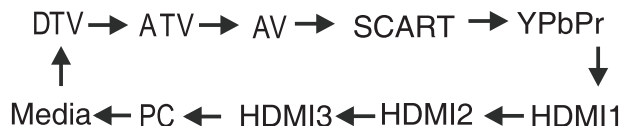
- Press (  ) button to turn on the unit.
- Press (  ) button again to return the display to standby mode. The power indicator turns red.
- Be sure not to set your TV in standby mode for a long period of time.

### 2.3 Selection of Input Mode

This set has different signal source modes, you may continue to press the **SOURCE** button to select a signal source.

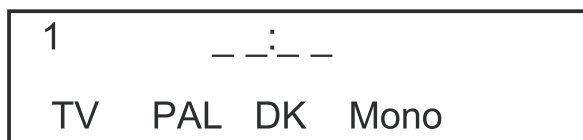
# LED COLOR TV

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When selecting the signal source, the screen will display the information.

TV mode



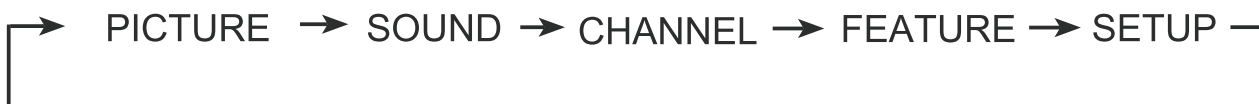
When there is no signal from the selected source, the warning message will be displayed as per illustration. Either change the channel in TV mode or press **SOURCE** button to change source.



## 2.4 Menu Option Adjustment

After you have installed the batteries into the remote control, you will need to set some preferences on the LED TV, using the menu system.

- The buttons for menu option adjustment include: **Menu**, **▲**, **▼**, **◀**, **▶** **Enter** buttons.
- Press the **Menu** button to open the OSD Menu, then press **▲**, **▼** button to select the pages. The pages are displayed in the following sequence (circular display):



*Note: "CHANNEL" is only for TV .*

- ① Press the **Menu** button to display the menu system.
- ② Press **▲**, **▼** button to select the menu pages.
- ③ Press **◀**, **▶** and then press **▲**, **▼** button to select an item.
- ④ Press **◀**, **▶** button to select or adjust a setting.
- ⑤ If you do not make a selection within 15 seconds, the menu will close automatically.
- ⑥ Press the **Menu** button to return or exit OSD menu.

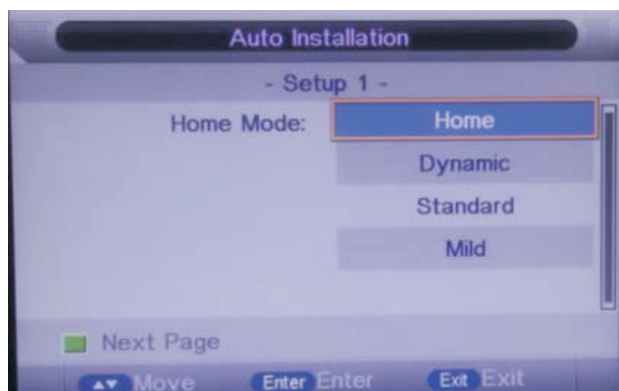


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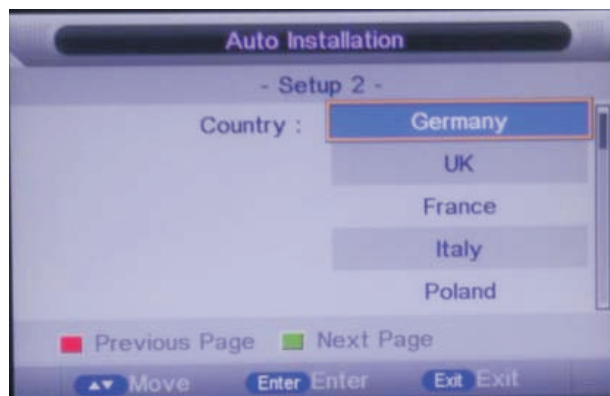
## 2.5 Auto Installation

If this is the first time you are turning on the TV and there are no programs in the TV memory, the “Auto Installation” menu will appear on the screen. There are 5 setups as follow:

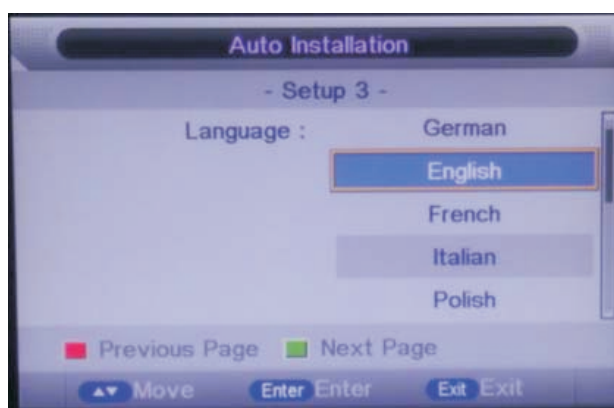
Setup 1: Set up Home



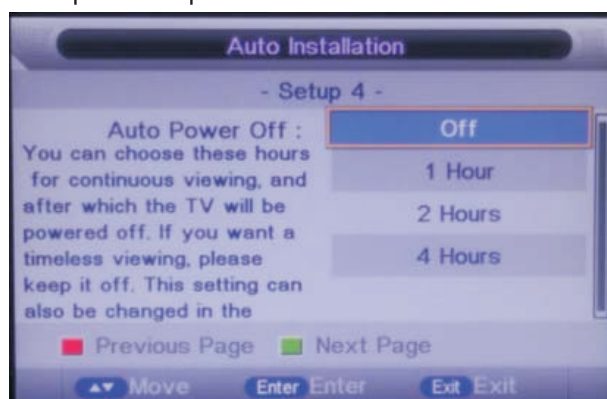
Setup 2: Set up the Country



Setup 3: Set up the Language



Setup 4: Set up the Auto Power Off



Setup 5: Set up the TV Connection



Setup 6: Set up the Auto Search  
Air/Cabler Type



Satellite



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## 2.6 Menu Functions

### 2.6.1 PICTURE Menu

This chapter will describe the function of Picture in mainmenu.

#### 1.1 Picture Menu

It will open the mainmenu by pressing down the button “MENU” on the remote. The focus will move to the sub items in the Picture menu by pressing down the button “RIGHT” and then functions in the Picture can be set. The Picture menu is shown as follows:



The result of the action pressing down some button when in Picture menu:

Key Stroke	Action
KEY_UP	Highlight the previous sub item. If it is the first button currently, then highlight the last one in the list.
KEY_DOWN	Highlight the next sub item. If it is the last button in the list currently, then highlight the first one.
KEY_LEFT	Back to Main Menu.
KEY_RIGHT	If the current focus sub item is “Picture Mode” 、 “Color Temperature” 、 “Aspect Ratio” or “Noise Reduction”,a popup menu will appear for user to make further choice. If not, mainmenu will be cleaned for new “adjust menu”.
KEY_ENTER	Same as KEY_RIGHT.
KEY_MENU	Back to Main Menu.
KEY_EXIT	Exit Main Menu.

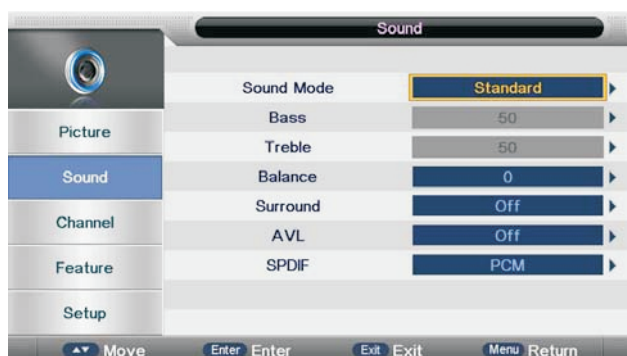
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## 2.6.2 Sound Menu

This chapter will describe the function of Sound in mainmenu.

### 2.1 Sound Menu

It will open the mainmenu by pressing down the button “MENU” and then press the button “down” on the remote. The focus will move to the sub items in the Sound menu by pressing down the button “RIGHT” and then functions in the Sound can be set. The Sound menu is shown as follows:



The range and the default values of every sub items in Sound menu are shown in the following table:

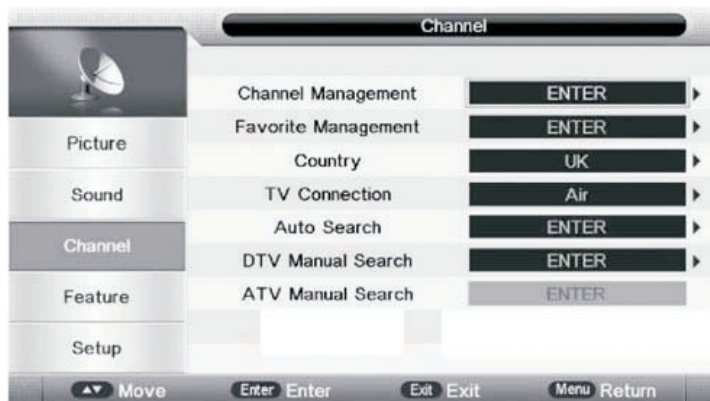
Key Stroke	Action
KEY_UP	Highlight the previous sub item. If it is the first button currently, then highlight the last one in the list.
KEY_DOWN	Highlight the next sub item. If it is the last button in the list currently, then highlight the first one.
KEY_LEFT	Back to main menu
KEY_RIGHT	If the current focus sub item is " Sound Mode"/" Surround" / " Stable Sound",a popup menu will appear for user to make further choice. If not, main menu will be cleaned for new "adjust menu".
KEY_ENTER	Same as KEY_RIGHT.
KEY_MENU	Back to main menu
KEY_EXIT	Exit Main Menu.

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## 2.6.3 TV Channel

### 3.1 Channel User Interface

Press “Menu” → “Down (▼)” → “Down (▼)” → “Right (▶)” to enter channel operation user interface in ATV/DTV/Radio Source as follows:



There are following functions in this page:

Channel Management: To manage (Delete//Swap/Lock/Skip) all channels;

Favorite Management: To manage (Add/Delete) Favorite channels;

Country: To select country.

TV connection: To select the DTV signal mode(Air/Cable/Satellite)

Auto Search: To select auto search mode (DTV/ATV)

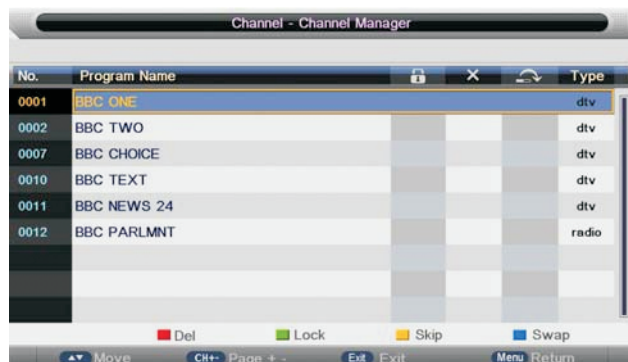
DTV Manual Search: To search digital channel by entering parameters manually(only for DTV)

ATV Manual Search: To search analogue channel by entering parameters manually(only for ATV);

## 3.2 Function Description

### 3.2.1 Channel Manager

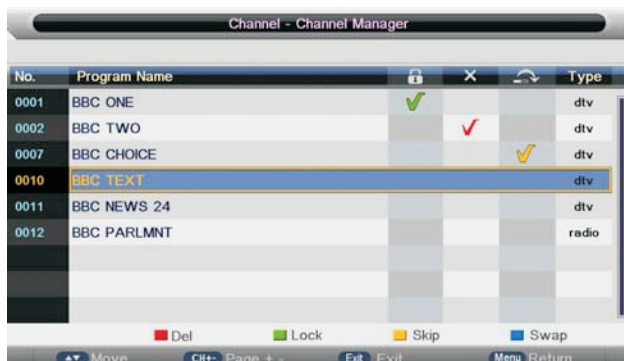
Press “ENTER” or “RIGHT” key on “Channel management” of “Channel” page in ATV or DTV source. The operation interface shows as follow:



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## 3.2.1.1 Delet/Skip/Lock Channel

1) Press “UP (▲)” and “DOWN (▼)” key to select the programs to be deleted and press “RED”, “GREEN” or “YELLOW” key to mark them as following:



2) After marking press “MENU” key to save the result.

## 3.2.1.2 Swap Channel

Select the program to be swapped and press “BLUE” key, the selected program will wink and then select another program and press “BLUE” key to swap them.

## 3.2.2 Favorite Management

1) Press “ENTER” or “RIGHT” key on “Favorite management” of “Channel” page in ATV or DTV source. The operation interface shows as follow:



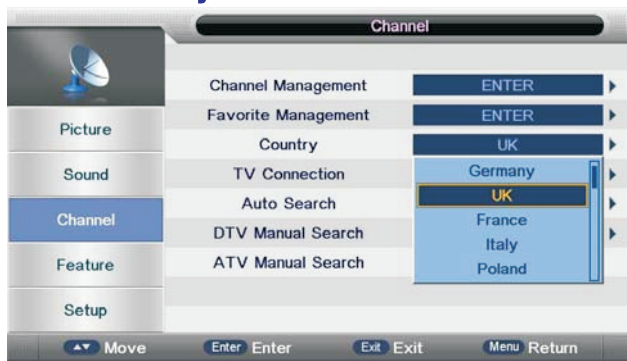
2) Press “UP (▲)” and “DOWN (▼)” key to select the programs to be added into favorite list and press “RED”, “GREEN”, “YELLOW” or “BLUE” key to mark them as following:



3) Press “MENU” key to return “Favorite management” page and save the result.

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## 3.2.3Country



1) Select the country.

## 3.2.4Auto Search

### 3.2.4.1 Air signal mode

Select “Auto Search” item to enter auto search user operation interface as following:

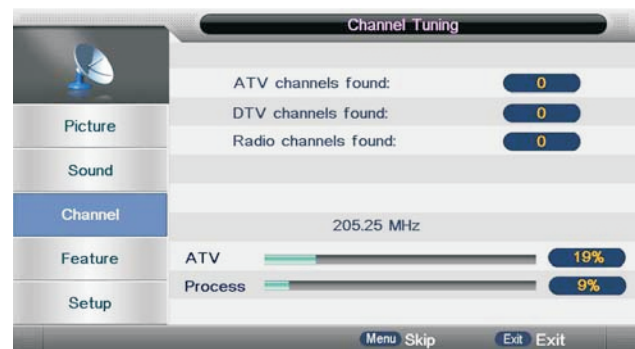


**All Mode:** Select “All” item to scan all digital channels carried by current signal mode firstly and then switch to scan all analog channels in selected country automatically. User can skip digital search to analog search directly by entering “EXIT” or “MENU” key and can also stop auto scan directly by entering “EXIT” or “MENU” during analog scanning.

**Digital Mode:** Select “Digital” item to search all digital channels in selected country carried by current signal mode. User can stop search directly by entering “EXIT” or “MENU” key.

**Analog Mode:** Select “Analogue” item to search all analogue channels in selected country carried by current signal mode. User can stop search directly by entering “EXIT” or “MENU” key.

All search mode processing interface display as following:

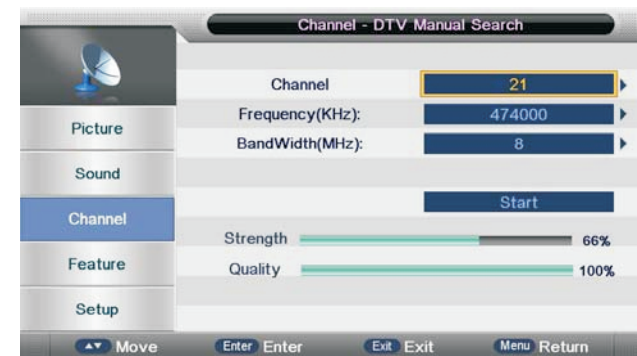


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## 3.2.5Digital Manual Search

### 3.2.5.1 Air signal mode

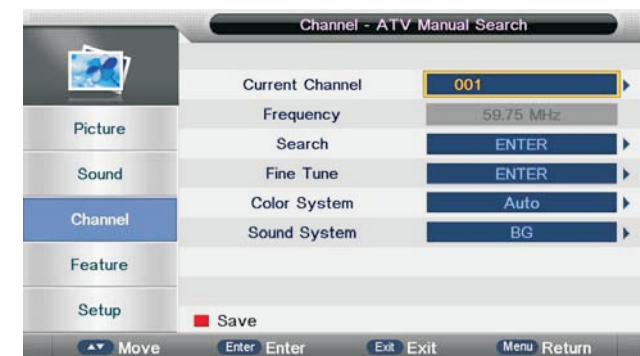
Select “Digital Manual Search” item to enter air channel manual search in DTV source and the user operation interface as following:



Select channel number by “RIGHT” key or entering number directly. The strength and the quality shows at the bottom. Press “ENTER” key on “Start” item to start current channel search. The manual searching UI and the auto searching UI are the same.

## 3.2.6Analog Manual Search

Select “Analogue Manual Search” item to enter analogue manual search in ATV source and the user operation interface as following:

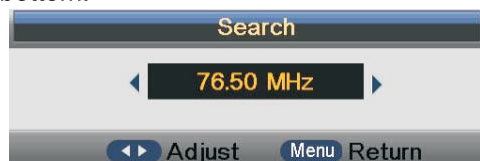


These parameters in this page show as the following table:

Analog Parameters	Value	Default
Current Channel	001-100	001
Frequency	Show the Frequency when srech	Frequency of the current channel
Search	Press the button “enter” to open the search sub page.	
Fine Tune	Press the button “enter” to open the fine tune sub page.	
Color System	Auto/PAL/SECAM	Color System of the current channel
Sound System	BG/DK/I/L/L’	Sound System of the current channel

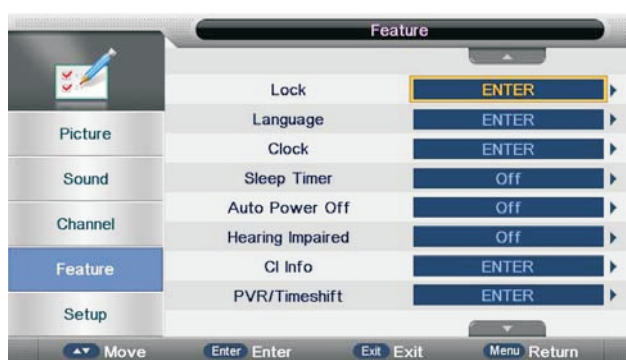
# LED COLOR TV

Enter these parameters and then select “Search” item to enter analog channel tune. A dialog popup on left bottom:



Press “Left (◀)” to search channel carried in lower frequency and “Right (▶)” key to search channel carried in higher frequency. Press “MENU” key to return to “Channel-Analogue Manual Search” page and press “RED” key to save the scanned channel to database.

User also can select “Fine Tune” item to fine tune current channel and the UI shows as the last picture. Press “Left (◀)”, “Right (▶)” key to fine tune current channel. Press “MENU” key to return to “Channel-Analogue Manual Search” page and press “RED” key to save the tuned channel to database.



Operations in Feature Menu are shown in the following table:

Key Stroke	Action
KEY_UP	Highlight the previous sub item. If it is the first button currently, then highlight the last one in the list.
KEY_DOWN	Highlight the next sub item. If it is the last button in the list currently, then highlight the first one.
KEY_LEFT	Back to mainmenu
KEY_RIGHT	If the focused item is “Timer”, mainmenu will be closed firstly and then open the Timer Menu; If the focused item is “ CI Info”, mainmenu will be closed firstly and then open the CI Info Menu; If the focused item is “ Hearing Impaired”, a Popup Menu will be opened; If not, Feature Menu will be closed firstly and then open the corresponding sub menus.
KEY_ENTER	Same as KEY_RIGHT.
KEY_MENU	Back to Main Menu.
KEY_EXIT	Exit Main Menu.

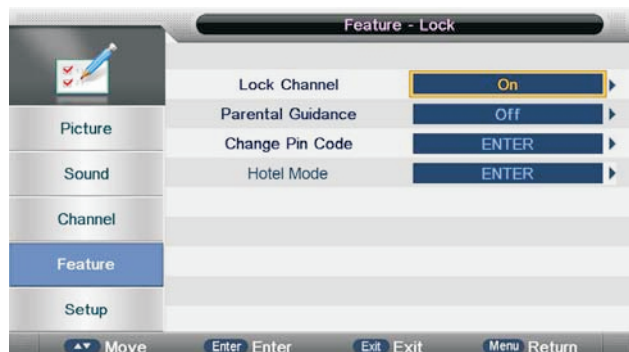


# LED COLOR TV

## 2.6.4 Function Description

### 4.1 Lock

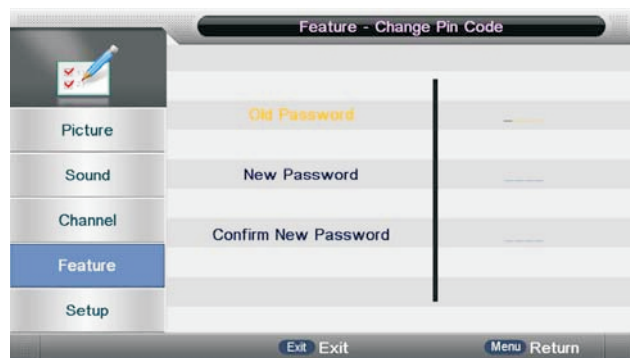
The Lock sub page includes three parts: Lock Channel, Parental Lock, Change Pin Code as shown in the following picture. (Hotel Mode is Optional)



1) Operations in Lock Menu are shown in the following table

Option	Value
Lock Channel	On: turn on Lock Channel. User need to enter password to watch the channels which are locked. Also need to enter password when user tries to change settings in items like "reset system"/"reset database" etc. Off: turn off Lock Channel
Parental Lock	Off: turn off Parental Lock 4-18: turn on Parental Lock and set the age level that are permitted to watch the program.
Change Pin Code	KEY_RIGHT or KEY_ENTER to enter the pin code changing page.

2) Change Pin Code



3) Key Operation

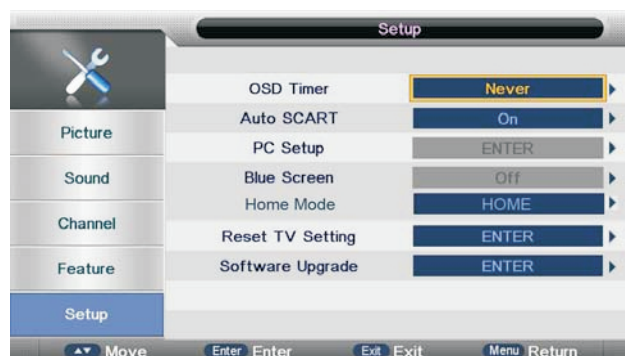
Key Stroke	Action
KEY_NUM_0 ~ KEY_NUM_9	Press the numeral buttons to enter the password. If the entered numbers are not exactly the old password, then show a new password-enter menu to enter again. If they are right, then it will ask user to enter the new password that will take place of the old ones. If the New Password is the same as the Confirm New Password, it'll show a success message. If not, it will ask you to enter the new password.
KEY_MENU	Close the whole Main Menu.
KEY_EXIT KEY_LEFT	Cancel pin-code-change-action and back to Child Lock Menu.



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## 2.6.5 Setup Menu

5.1 The Setup Menu is shown as follows :



The range and the default values of every sub items in Setup menu are shown in the following table:

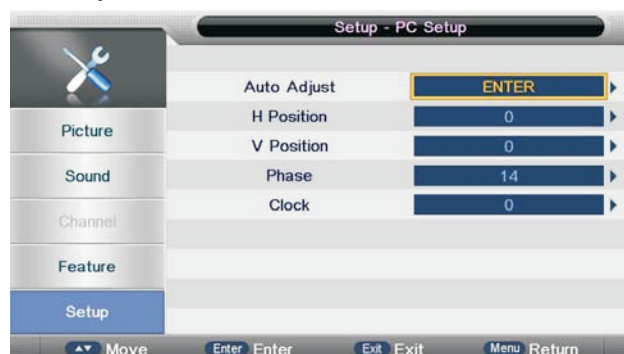
Setup Menu Items	Value	Default
OSD Timer	( 5, 10, 15, 20, 25, 30 Seconds, Never)	15
Auto SCART	Off/On	ON
PC Setup	" ENTER "	
Blue Screen	Off/On	Off
HomeMode	HomeDynamicStandardMild	
Reset TV Setting	" ENTER "	
Software Upgrade	" ENTER "	

Operations in Setup Menu are shown in the following table:

Key Stroke	Action
KEY_UP	Highlight the previous sub item. If it is the first button currently, then highlight the last one in the list.
KEY_DOWN	Highlight the next sub item. If it is the last button in the list currently, then highlight the first one.
KEY_LEFT	Back to Main Menu.
KEY_RIGHT	If the cursor is on "OSD Timer" 、 "Auto SCART", "Blue Screen", a popup menu will appear for user to make further choice. If not, Setup Menu will be cleaned for other sub menus.
KEY_ENTER	Same as KEY_RIGHT.
KEY_MENU	Back to Main Menu.

## 5.2 PC Setup

It is only available in PC source.



Mode-Options	Value
Auto Adjust	"OK"
H Position	-16~16
V Position	-16~16
Phase	0~31
Clock	-50~50

- |                |  |          |                       |
|----------------|--|----------|-----------------------|
| 1) Auto Adjust | Auto Adjust the H Position, V Position, Phase, Clock | 4) Phase | Manually adjust Phase |
| 2) H Position  | Manually adjust H Position                           | 5) Clock | Manually adjust Clock |
| 3) V Position  | Manually adjust V Position                           |          |                       |

## 2.7 Using the Teletext Function (Optional)

*Note: When pressing the Teletext function keys on the remote control, if the word "NO TTX" is displayed onscreen, it means the related function can't be used.*

Teletext is a free service broadcast by most TV stations which give up-to-the-minute information news, weather, television programs, share price, subtitles, and many other topics.

To operate TELETEXT

- ※ Select a TV station on which Teletext is being transmitted.
- ※ Press the TXT button once to bring up the teletext screen. Two page numbers are displayed on the screen headline. The first page number indicates your selection, while the second shows the current page displayed.

Teletext Page Selection

- ※ Enter the required Teletext page as a three digit numbers. The selected page number is displayed at the top left corner of the screen. The Teletext page counter searches until the selected page number is located, so that the desired page is displayed on the screen.
- ※ The ▲ , ▼ buttons can be used to select the preceding or following page.
- ※ Fast find using the **4 coloured buttons**. Four subject-headed pages can be selected quickly by pressing the corresponding coloured buttons **Red, Green, Yellow, or Blue** on the remote control.

Useful features for Teletext

**Index**

- ※ Press this button to select the index page that displays the list of teletext contents.

**Hold**

- ※ The teletext page you have selected may contain more information than is on the screen; The rest of the information will be displayed after a period of time on a sub page.
- ※ Press **Hold** button to stop the automatic page change. The hold symbol will be displayed at the top left-hand corner on the screen and the automatic page change will be stopped.
- ※ Press **Hold** button again to continue.

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## Reveal

- ※ Press this button once to display concealed information,such as solutions of riddles,puzzles or a quiz.
- ※ Press this button again to conceal the revealed answers.

## Mix

- ※ Press repeatedly to turn on Teletext→Teletext blending with TV program →Teletext mode.

## Size

- ※ Press repeatedly to double the character size in the following order:Upper half of the page, Lower half of the page, Return to normal size.

## SUBPAGE

- ※ Press this button to enter the sub page mode.You can use ▲ , ▼ button to display sub page; Press again to exit.

## CANCEL

- ※ Press to hide teletext contents, press again to reappear.

## 2.8 Multimedia

### 2.8.1 MEDIA Function

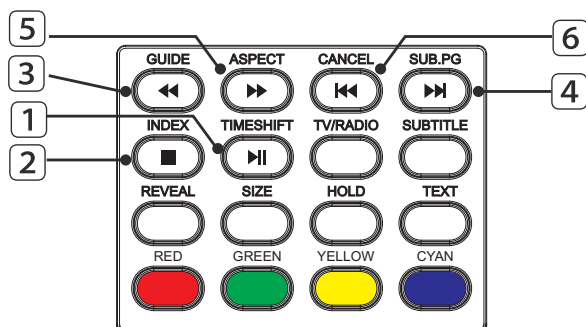
A. Support multimedia file:

Multimedia data	Format
Image	JPEG; BMP; PNG
Music	MP3, WMA
Video	MPEG-1(.DAT/.MPG) MPEG-2(.MPG/.VOB) MPEG-4(.AVI/.MP4) Digital movies
TXT	.txt

- B. USB don't connect PC.
- C. Compatible USB devices: The format is FAT or FAT32.
- D. We cannot guarantee compatibility (operation and/or bus power) with all USB mass storage devices and assumes no responsibility for any loss of data that may occur when connected to this unit.

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## 2.8.2 USB Remote



1. **▶||** : Press one time to pause, press again to playback.
2. **■** : Stop the playback and return to flelist.
3. **◀◀** : Press the buttons to visually search backward at 2X - 4X - 8X - 16X speed.
4. **▶▶** : *Skipforward*.
5. **▶▶** : press the buttons to visually search forward at 2X - 4X - 8X - 16X speed.
6. **◀◀** : *Skipbackward*.

## 2.8.3 USB Function . Multimedia

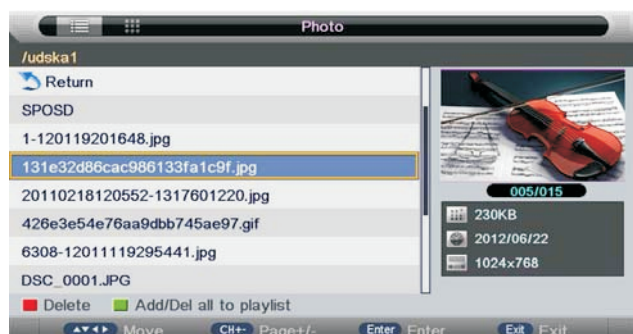
### 1. Photo

#### 1.1 Format Supported

Type	Container	Max Resolution
PHOTO	JPEG	165370
	Progressive JPEG	61648
	BMP	101439
	PNG	101439
	GIF	
	TIFF	

#### 1.2 Function Introduction

Highlight the “PHOTO” item in multimedia mainmenu by press “RIGHT” / “LEFT” key, then press “ENTER”



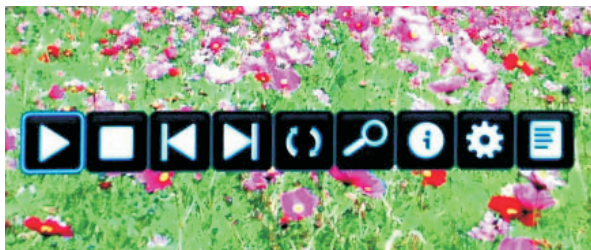
#### Key Operation

- 1) **RED**: Delete the focused folder/file.
- 2) **GREEN**: Add/Del all photo files to play list.
- 3) **ENTER**: Add/Del highlight files to play list.
- 4) **CH+/-**: Page up/Page down.
- 5) **PLAY**: Play the files in play list.










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## 1.2.1 Playback

Press "PLAY" key to start playback.

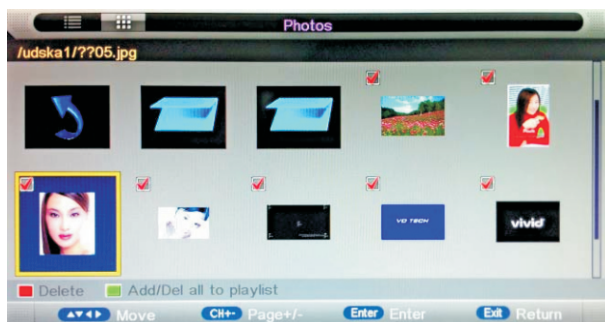


Key Operation

- 1) : Same as "PLAY" key on remote, to start playing pictures in slide show mode
- 2) : Same as "PAUSE" key on remote, to pause the playing file
- 3) : Same as "STOP" key on remote, to stop sliding show, and return to the file browser
- 4) : Same as "|<<" / ">>|" key on remote, to play the previous or next file directly
- 5) : To rotate the playing picture(0 °、90 °、180 °、270°).
- 6) : To zoom the playing picture.
- 7) : Same as "INFO" key on remote, to display the information of the current file.
- 8) : To enter "Photo Setup" menu, including "Repeat Mode", "Background Music", "Music Source", "Slide Time", "Effect".
- 9) : To enter the play list menu.

## 1.2.2 Thumbnails

- 1). Thumbnails mode can be shown only in photo mode and highlight in file browser by press "EXIT" → "Right (▶)" as follow:



- 2). The direction keys are to move highlight in files.
- 3). Press "EXIT" key ,and press "LEFT" key, exchange to photo list mode.

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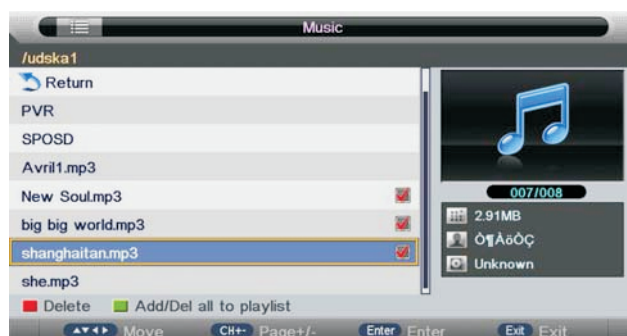
## 2. Music

### 2.1 Format Supported

<b>MUSIC</b>	WAVE	LPCM ADPCM
	WMA	WMA STD WMA Prof
	AAC	AAC-LC / HE-AAC
	DolbyTechnology	DolbyDigital DolbyDigitalPlus
	MPEG	MP1 MP2 MP3 AAC-LC HE-AAC
	Read Audio	AAC / HE AAC Cook
	Ogg	Vorbis
	FLAC	FLAC
	DTS	DTS

### 2.2 Function Introduction

Highlight the "MUSIC" item in multimedia mainmenu by press "RIGHT" / "LEFT" key, then press "ENTER" key enter music page, as follow:



#### Key Operation

- 1) RED: Delete the focused folder/file.
- 2) GREEN: Add/Del all photo files to play list.
- 3) ENTER: Add/Del highlight files to play list.
- 4) CH+/-: Page up/Page down.
- 5) PLAY: Play the files in play list.

#### 2.2.1 Playback

Press "PLAY" key to start playback.



#### Key Operation

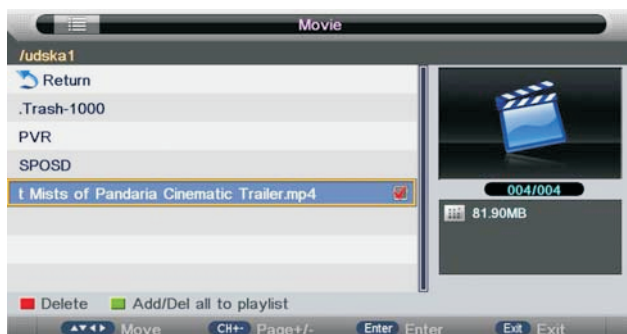
- 1) : Same as "PLAY" key on remote, to start playing file, or resume the paused file.
- 2) : Same as "PAUSE" key on remote, to pause the playing file
- 3) : Same as "STOP" key on remote, to stop the playing file.
- 4) : Same as "<<" / ">>" key on remote, to play fast backward or forward. The speed can switch to twice, four times, eight times and sixteen times, and displayed with "X2,X4,X8,X16" on screen
- 5) : Same as "<<" / ">>" key on remote, to play the previous or next file directly.
- 6) : To switch the repeat mode, including "Repeat 1", "Repeat All", "Repeat Dir" and "Random" modes.
- 7) : To switch the window between "Information" and "Play List".
- 8) : Same as "BLUE" key on remote, to close the panel only in "MUSIC" mode, and then it can be opened by every key on remote.



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## 3. Function Introduction

Highlight the "MOVIE" item in multimedia mainmenu by press "RIGHT" / "LEFT" key, then press "ENTER" key enter movie page, as follow:



### Key Operation

- 1) RED: Delete the focused folder/file.
- 2) GREEN: Add/Del all photo files to play list.
- 3) ENTER: Add/Del highlight files to play list.
- 4) CH+/-: Page up/Page down.
- 5) PLAY: Play the files in play list.

## 3.1 Playback

Press "PLAY" key to start playback.



### Key Operation

- 1) : Same as "PLAY" key on remote, to start playing file, or resume the paused file.
- 2) : Same as "PAUSE" key on remote, to pause the playing file
- 3) : Same as "STOP" key on remote, to stop the playing file, and return to the file browser interface.
- 4) : Same as "<<" / ">>" key on remote, to play fast backward or forward. The speed can switch to twice, four times, eight times and sixteen times, and displayed with "X2", "X4", "X8", "X16" on screen
- 5) : Same as "|<<" / ">>|" key on remote, to play the previous or next file directly.
- 6) : To enter slow mode. The speed can switch to 1/2, 1/4, 1/8, 1/16, and displayed with "X1/2", "X1/4", "X1/8", "X1/16" on screen.
- 7) : To enter step mode.
- 8) : To set AB repeat, the first press sets A point, and the second press sets B point, and then play between A and B repeatedly.
- 9) : To enter the play list menu.
- 10) : Same as "INFO" key on remote, to display the information of the current file.
- 11) : To enter "Movie Setup" menu, including "Program", "Subtitle", "Audio", "Repeat Mode".
- 12) : To enter "GO TO" function, user can input the time he want to start directly.

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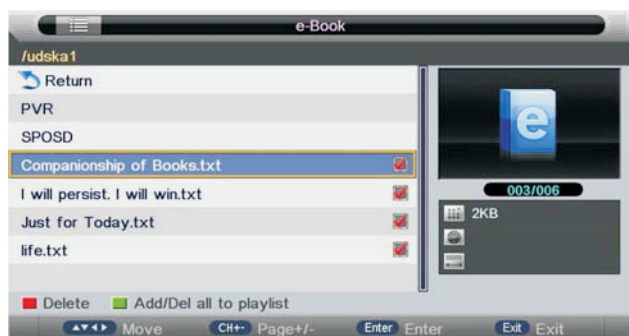
## 4. eBook

### 4.1 Format Supported

Only txt format eBook is supported.

### 4.2 Function Introduction

Highlight the “eBook” item in multimedia mainmenu by press “RIGHT” / “LEFT” key, then press “ENTER” key enter eBook page, as follow:

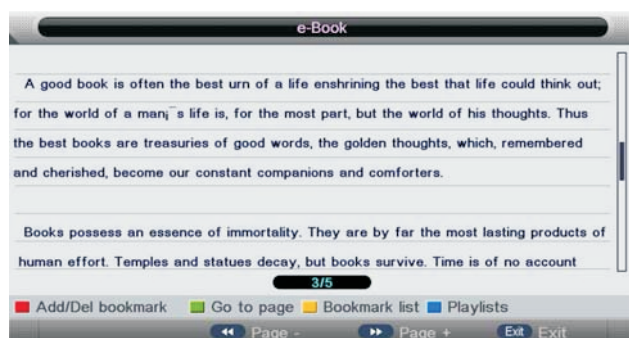


Key Operation

- 1) RED: Delete the focused folder/file.
- 2) GREEN: Add/Del all photo files to play list.
- 3) ENTER: Add/Del highlight files to play list.
- 4) CH+/-: Page up/Page down.
- 5) PLAY: Play the files in play list.

#### 4.2.1 Playback

Press "PLAY" key to start playback



Key Operation

- |             |   |
|-------------|---|
| “RED”       | To add/del bookmark.                              |
| “GREEN”     | To input the page number directly.                |
| “YELLOW”    | To enter the “Bookmark list” page.                |
| “BLUE”      | To enter the “Play list” page.                    |
| “<<” / “>>” | To page down/page up.                             |
| "EXIT"      | To close the file and return to the file browser. |



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## 3. Technical Specification

Product Model	LED4004
Screen Size	40" diagonal
Aspect Ratio	16:9
Power Supply	AC 100-240V~ , 50/60 Hz
Power Consumption	70W
TV System	PAL B/G D/K I, SECAM B/G D/K,DVB-T/C
Audio Output Power (Internal)	10Wx2
Input Terminal	<ul style="list-style-type: none"><li>✦ Antenna Input (D Type) x 1</li><li>✦ VGA (D-Sub 15 Pin Type) x 1</li><li>✦ HDMI Connector x 3</li><li>✦ Mini Y Pb Pr Input Terminals x 1</li><li>✦ Mini AV Input RCA Terminals x 1</li><li>✦ Stereo Audio x1(Phone Jack for VGA)</li><li>✦ USB x 1</li><li>✦ SCART x 1</li><li>✦ CI x 1</li></ul>
Output Terminal	<ul style="list-style-type: none"><li>✦ 1 set of Coaxial output RCA Terminals</li><li>✦ 1 set of EARPHONE output</li></ul>
Outline Size (LxWxH)(mm) without stand with stand	732x486x180 732x427x74
Working Temperature	0°C~40°C
Working Humidity	20% ~ 80% Non-condensing

*Note: The specifications shown above may change without notice for quality improvement.*

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## 4. Supported Signal Modes

### A. VGA Mode

Resolution	Horizontal Frequency (KHz)	Vertical Frequency (Hz)
640 x 480	31.50	60.00
800 x 600	35.16	56.25
	37.90	60.00
1024 x 768	48.40	60.00

*Note: You're suggested to use the VGA connecting cord of not more than 5 meters to ensure the appropriate picture quality.*

### B. YPbPr Mode

Resolution	Horizontal Frequency (KHz)	Vertical Frequency (Hz)
480i	15.734	59.94
480p(720x480)	31.468	59.94
576i	15.625	50.00
576p(720x576)	31.25	50.00
720p(1280x720)	37.50	50.00
	45.00	60.00
1080i	28.13	50.00
	33.75	60.00
1080P(1920x1080)	67.50	60.00
	56.25	50.00

### C. HDMI Mode

Resolution	Horizontal Frequency (KHz)	Vertical Frequency (Hz)
480p	31.468	59.94
576p	31.25	50.00
720P	45.00	60.00
1080i	33.75	60.00
1080P(1920x1080)	67.50	60.00

- When the signal received by the Display exceeds the allowed range, a warning message will appear on the screen.
- You can confirm the input signal format onscreen.

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## 5. Simple Troubleshooting

If the display fails or the performance changes dramatically, check the Display in accordance with the following instructions. Remember to check the peripherals to pinpoint the source of the failure.

Symptom	Solution
Power cannot be turned on.(Power indicator does not light.)	-Check that both ends of the power cable are plugged into the socket appropriately and the wall socket is operational.
No Input Signal message appears.	-Check that the signal line is connected properly. -Check that the power of the relevant peripherals is turned on. -Check that the Input option that has been selected matches with the input signal.
The remote control does not function properly.	-Check the batteries are not drained.(Use new batteries.) -Check that the remote control is within the operating range. -Check that the remote control is pointed to the remote control window on the display. -Check that there are no obstacles between the remote control and the remote control window.
Flashing spots or stripes appear on the screen.	-Check that there are no emission (Car, HV cable or Neon lamp) or other possible interference sources.
Image colour or quality deteriorates.	-Check that all the video settings are adjusted appropriately, such as brightness, contrast, colour etc. -For more information about video settings, refer to OSD Functions in Chapter 2.
Screen position and size are incorrect.	-Check that the screen position and size is adjusted appropriately.
Image or colour is incorrect.	-Check that the signal line is connected properly. -When connecting to a PC, you can change the resolution of the PC to acquire the correct image. The discrepancy of the PC output signal may affect the display of the image.
Display warning message.	-Check that the input signal line is properly fixed. -Select the correct input signal. -For more information, refer to Supported Signal Modes in Chapter 4.



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