



*LED LCD TV  
OWNER'S MANUAL  
LE32K6000*



Please READ this manual carefully before operating your TV, and retain it for future reference.



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# 01 Safety warnings

## WELCOME

Thanks for buying this LED LCD TV. This guide will help you set up and begin using your TV. First, check the contents of your box with the parts check list below:

HD Ready Digital LED LCD TV

Remote control

AAA battery x 2

Instruction Manual

Stand

YPbPr Connect Cable

Audio Cable

Now you can get started!

## IMPORTANT INFORMATION

READ ALL INSTRUCTIONS BEFORE USE AND KEEP FOR FUTURE REFERENCE.



CAUTION

TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. FOR ANY PROBLEMS, REFER SERVICING TO THE CUSTOMER HELP LINE. THERE IS A LIGHTNING ARROW SYMBOL IN THE TRIANGLE: THIS SYMBOL INDICATES HIGH VOLTAGE IS PRESENT INSIDE. IT IS DANGEROUS TO MAKE ANY KIND OF CONTACT WITH ANY INSIDE PART OF THIS PRODUCT.

THERE IS AN EXCLAMATION MARK IN THE TRIANGLE: THIS SYMBOL ALERTS YOU THAT IMPORTANT LITERATURE CONCERNING OPERATION AND MAINTENANCE HAS BEEN INCLUDED WITH THIS PRODUCT.



**CAUTION:** TO REDUCE THE RISK OF ELECTRIC SHOCK AND FIRE, DO NOT PUT THE TV SET NEAR SOURCES OF HUMIDITY. DO NOT USE ANY ABRASIVE CLEANERS WHICH MAY SCRATCH OR DAMAGE THE LCD SCREEN. AVOID CONTACT WITH OBJECTS THAT MAY SCRATCH THE LCD SCREEN.



**NOTE:** SERVICING THE UNIT YOURSELF IS UNAUTHORIZED AND COULD LEAD TO INJURY OR PRODUCT DAMAGE. REFER ALL SERVICING TO THE CUSTOMER HELPLINE.

## Safety notice

- **Warning:** To reduce the risk of electric shock, do not remove the cover or back. There are no user-serviceable parts inside. Refer servicing to qualified personnel.
- **Warning:** To prevent fire or electric shock hazard, do not expose the unit to rain or moisture.
- Do not expose the product to water (dripping or splashing) and no objects filled with liquids, such as vases, should be placed on the unit.
- Keep the product away from direct sunlight and heat source such as radiators or stoves.
- Do not block the ventilation openings. Slots and openings on the unit are provided for ventilation. The openings should never be blocked by placing your product on a cushion, sofa or other similar surface.
- Do not place the product on unstable cart, stand, tripod, bracket or table. The unit may fall, resulting in possible damage or injury.
- Never place heavy or sharp objects on the panel or frame.
- Unplug the Power from the outlet when the unit is not in use.
- Attention should be drawn to the environmental aspects of battery disposal.
- **WARNING:** The battery shall not be exposed to excessive heat such as sunshine, fire or the like.
- **WARNING:** Excessive sound pressure from earphones or headphones can cause hearing loss.
- **Warning:** To avoid any injury caused by lean of the product, please always ensure the whole product was placed within the table surface in horizontal.
- **CAUTION:** When the apparatus was in electrostatic circumstance, it maybe malfunction and need to reset by user.

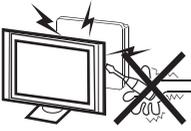


This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.



The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing Administrator, Inc. in the United States and other countries.

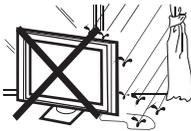
## WARNING AND CAUTIONS



**Warning**



High voltages are used in the operation of this television receiver. Do not remove the cabinet back from your set. Refer servicing to qualified service personnel.



**Warning**



To prevent fire or electrical shock hazard, do not expose the television receiver to rain or moisture.



**Warning**



Do not drop or push objects into the television cabinet slots or openings. Never spill any kind of liquid on the television receiver.



**Caution**



Do not block the ventilation holes in the back cover. Adequate ventilation is essential to prevent failure of electrical components.



**Caution**



Do not trap the power supply cord under the television receiver.



**Caution**



Never stand on, lean on, or suddenly push the television or its stand. You should pay special attention to children. Serious injury may result if it should fall.



**Caution**



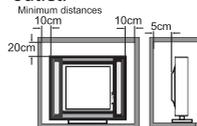
Do not place your television on an unstable cart, stand, shelf or table. Serious injury to an individual, and damage to the television, may result if it should fall.



**Caution**



When the television receiver is not used for an extended period of time, it is advisable to disconnect the AC power cord from the AC outlet.



**Caution**



If the television is to be built into a compartment or similar enclosure, the minimum distances must be maintained. Heat build-up can reduce the service life of your television, and can also be dangerous.

## 02 Introduction

### CAUTION

Never tamper with any components inside the TV, or any other adjustment controls not described in this manual. All LED-TV's are high voltage electrical equipment.

When you clean dust or any water drops off the SCREEN or CABINET or around any of the buttons or connectors, the power cabled should be removed from the power socket. Wipe the TV with a soft, dry, dust free cloth.

During thunderstorms, unplug the power cable and aerial / antenna cable to prevent damage to your TV and any other devices connected to it. All repairs to this TV should only be performed by qualified TV service personnel.

### Main features

- ① Used as Television, display terminal, PC display;
- ② High luminance, wide viewing angle;
- ③ HDMI interface;
- ④ NICAM;
- ⑤ Time-shift;

### Main parameter

Panel	32"
TV System	PAL-B/G , I , D/K SECAM-B/G , D/K , L , DVB-T, DVB-C,DVB-T2
Video Signal System	PAL/SECAM/MPEG2/MPEG4/H.265
Storage channel number	600(DTV);100(ATV)
Input Power Voltage	AC 100-240V 50/60Hz
Power consumption	40W
Standby Power consumption	≤0.50W
Audio Output Power(THD ≤ 7%)	2x8W
Signal Input	High-Definition Multimedia Interface (HDMI) x 2 Composite Input x 1 YPbPr x 1 SCART Inputx 1 VGA x 1 CI x 1 USB x 1 RF Co-Ax x 1
Signal output	Headphone x 1 SCART Output x 1 COAXIAL Output x 1
Horizontal definition (TV line)	Composite video input ≥350 YPbPr ≥400

### INSTALLATION

\*Locate the TV in the room where light does not strike the screen directly.

\*Total darkness or a reflection on the picture screen can cause eyestrain. Soft and indirect lighting is recommended for comfortable viewing.

\*Allow enough space between the TV and the wall to permit ventilation.

\*Avoid excessively warm locations to prevent possible damage to the cabinet or premature component failure.

\*Do not cover the ventilation openings when using theTV.

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**PC**

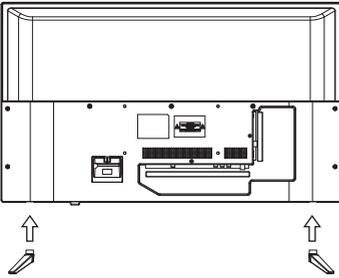
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**SUPPORTED MODE**

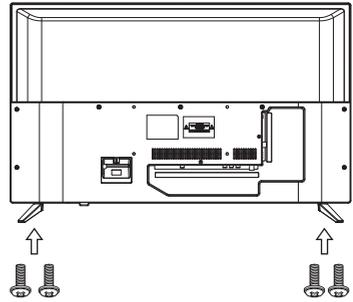
	<b>RESOLUTION</b>	<b>V.Freq.(Hz)</b>	<b>H.Freq.(KHz)</b>
1	640x480	60	31.47
2	800x600	60	37.88
3	1024x768	60	48.36
4	1366x768	60	47.7
5	1280x1024	60	63.98

## Base Stand Assembly Instruction

1. Place the TV with the display side down on a flat surface. Use a cloth to protect the display. Locate the 2PCS of bottom bracket into the gap in the bottom of the TV.



2. Lock 4PCS screws below and check each screw is firmly tightened.



M4X12MM

### INSTALLATION NOTES

Locate the TV in a room where light does not strike the screen directly. Total darkness or a reflection on the screen can cause eyestrain. Soft and indirect lighting is recommended for comfortable viewing.

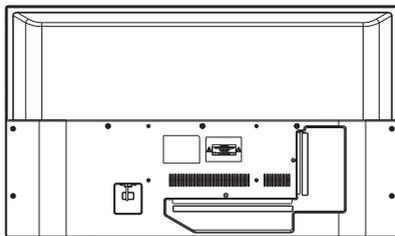
Allow enough space between the TV and the wall to permit ventilation.  
**Please do not attempt to rotate the TV on the stand.**

Avoid excessively warm locations to prevent possible damage to the cabinet or premature component failure.

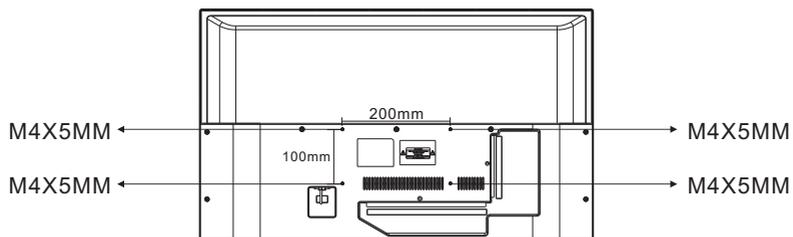
## WALL MOUNTING INSTALLATION GUIDELINES

This television can be wall mounted as follows:

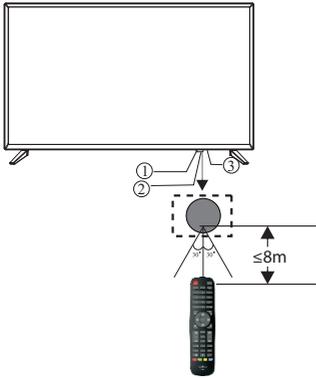
1. Place the LED LCD Television onto a solid surface. Please place some soft material over the front of the screen to protect it from any damage.



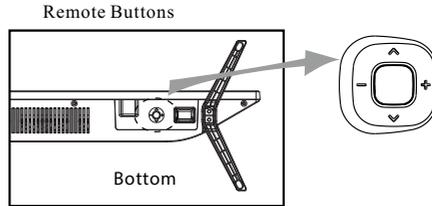
2. Use the four screws provided to fix the TV onto a wall mounting bracket (not included) via the four VESA standard holes on the back of the television.



## Front control panel



The keyboard is located at the bottom left near the right side of signal indicator.

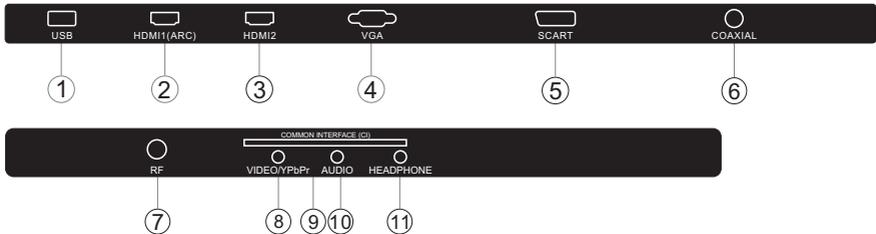


- 1: Remote control sensor.
- 2: Indicator LED: RED ● STANDBY.
- 3: Key board

- “-” VOL- and move left
- “+” VOL+ and move right
- “^” CH- and move down
- “v” CH+ and move up

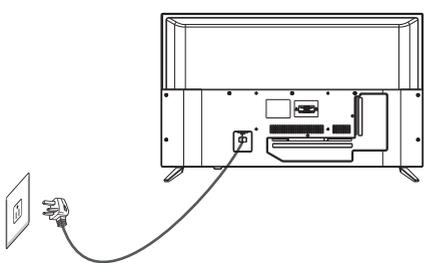
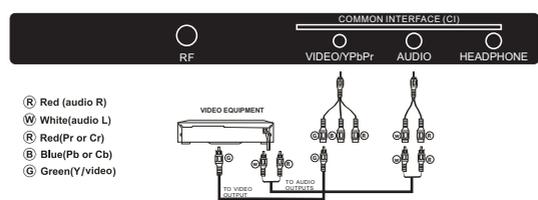
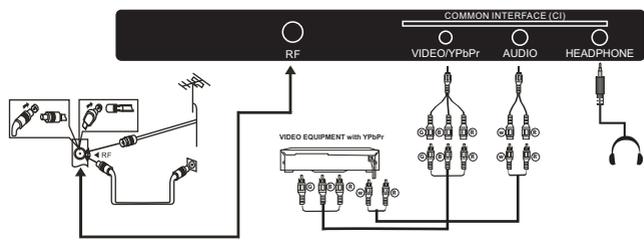
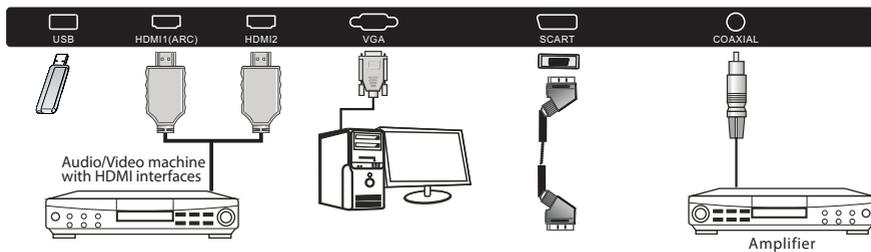
“Center button ” power key and source key, hold it for a long time, the TV will power down.

## Rear/Side Sockets



1	<b>USB</b>	input	7	<b>RF</b>	input
2	<b>HDMI1(ARC)</b>	input/output	8	<b>VIDEO/YpBPr</b>	input
3	<b>HDMI2</b>	input	9	<b>COMMON INTERFACE(CI)</b>	input
4	<b>VGA</b>	input	10	<b>AUDIO</b>	input
5	<b>SCART</b>	input/output	11	<b>HEADPHONE</b>	analogue audio output
6	<b>DIGITAL AUDIO OUTPUT(COAXIAL)</b>	digital audio output			

## Connecting to your TV



## Connecting to your TV

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### Connecting a DVD player / Satellite / cable set top box receiver / games console / PC or Laptop

There are several options to connecting a DVD player / Satellite or Cable set top box receiver / games console / PC or Laptop to your TV.

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#### Option 1 SCART

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1 Connect a SCART cable (not supplied) from the SCART socket on the TV to the DVD player cable set top box receiver or games consol.

2 To select the device connected with the SCART cable press the **SOURCE** button on the remote and use the **▼ ▲** keys to select **SCART** and press the **OK** button.

Note: The TV will default to the SCART connection when the TV is switched on.

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#### Option 2 HDMI

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1 If the device you want to connect to the TV is switched on, switch off the device first.

2 Connect a HDMI cable (not supplied) from the HDMI socket on the TV to the DVD player cable receiver or games consol.

3 Switch on the device you have just connected to the TV

4 To select the device connected with the HDMI cable press the **SOURCE** button on the remote and use the **▼ ▲** keys to select **HDMI** and press the **OK** button.

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#### Option 3 AV Audio Visual (Yellow/White/Red)

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1 Make sure that both TV and the device are switched off before connecting.

2 Connect the AV cables (not supplied) from the Video (yellow) and Audio (white, red) sockets on the TV to the DVD player or games console etc.

3 To select the device connected with the AV cable press the **SOURCE** button on the remote and use the **▼ ▲** keys to select **AV** and press the **OK** button.

---

#### Option 4 COMPONENT (Green/Blue/Red)+(White/Red)

---

1 Make sure that both TV and the device are switched off before connecting.

2 Connect the cables (not supplied) from the COMPONENT IN sockets Y, Pb, Pr (green, blue, red) and L-Audio-R (white, red) on the TV to the DVD player or games console etc.

3 To select the device connected with the COMPONENT cable press the **SOURCE** button on the remote and use the **▼ ▲** keys to select **YPbPr** and press the **OK** button.

---

#### Option 5 VGA (15pin Sub-D)

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1 Connect a VGA cable (not supplied) from the VGA socket on the TV to the PC / Laptop.

2 To select the PC / Laptop connected with the VGA cable press the **SOURCE** button on the remote and use the **▼ ▲** keys to select **PC** and press the **OK** button.

Note VGA is video only. For audio from your PC/Laptop you need to connect a separate cable from the PC Audio (3.5mm jack) to the headphone socket on you PC/Laptop (3.5mm jack)

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#### Option 6 USB

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1 Most USB sticks can be connected to your TV and some digital cameras may also work.

2 Connect USB stick (not supplied) or a USB cable (not supplied) to the TV.

3 To select the USB device connected to the TV, press the **SOURCE** button on the remote and use the **▼ ▲** keys to select **USB** and press the **OK** button.

Note 1: Only \*.jpg and \*.mp3 files will work, other file types are not guaranteed and may not. Note 2. Apple iPhones and iPods are not compatible with your TV.

Note 3. When connecting any device to the USB connection, keep the USB cable length as short as possible.

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#### Option 7 HEADPHONE OUTPUT

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Insert the plug of the earphone into the headphone socket on the TV. The TV speakers are now muted. Alternatively you can also plug in external speakers if required.

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#### Option 8 DIGITAL AUDIO OUTPUT(COAXIAL)

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**COAXIAL** is a digital audio connection used to connect audio equipment, for example home theatres and other digital HiFi systems over short distances. The signal is transmitted over either a coaxial cable with RCA connectors.

1 Make sure that both TV and the device are switched off before connecting.

2 Connect the AV cables (not supplied) from the **COAXIAL** socket on the TV to the Home Theater sound system or digital HiFi system etc.

## COMMON INTERFACE

The common interface (CI) slot is designed to accept the conditional Access (CA) Module and Smart card in order to view the pay TV programmes and additional services.

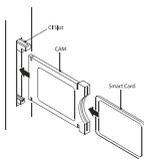
Contact your Common Interface service provider to get more information about the modules and subscription.

Please noted that CA modules and smart cards are neither supplied nor optional accessories from us.

### Warning

- Switch off your TV before any module is inserted in the Common Interface slot.

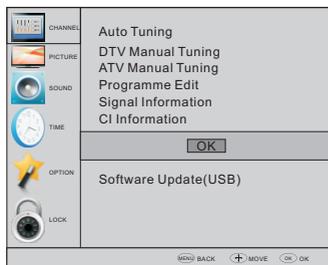
- 1 Insert the CAM correctly, then Smart Card to the CI slot that is located at the side of the TV.



- 2 Turn on the TV and it will display the below message if the CI module is detected. Wait for few moments until the card is activated.

CI Module Inserted

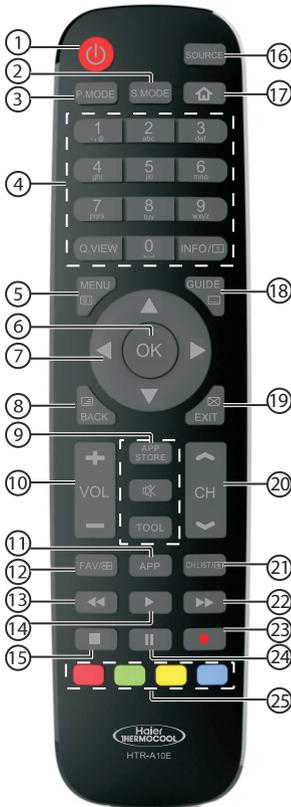
- 3 Press the **MENU** button then press **▲ ▼** button to select CI Information option.



- 4 Detailed information on the CI card in use is displayed.
- 5 Press **OK** button to access the card menu. Refer to the module instruction manual for setting details.
- 6 When module is removed, the following message will appear on the screen.

CI Module Removed

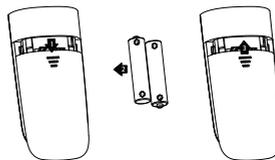
## 03 Remote Control



	APP STORE	No function.
9	🔇 (Mute)	Press to turn the sound on or off.
	TOOL	Press to open the shortcut menu of tool.
10	VOL +/-	Press to adjust the volume level.
11	APP	No function.
12	FAV/📄	Press to open a favorite channel list. In teletext mode, press to hold a page.
13	◀ (reverse)	Press to reverse playback in multimedia & Timeshift mode.
14	▶ (Play)	Press to play in multimedia mode & Timeshift mode.
15	■ (stop)	Press to stop multimedia playback, REC& Timeshift mode.
16	SOURCE	Press to open the input source list.
17	🏠	No function.
18	GUIDE/📄	Press to display electronic programme guide in TV mode. Press to enter the teletext subpage.
19	EXIT/📄	Press to close the on-screen menu. In teletext mode, press to hide the text.
20	CH ⏪/⏩	Press to change the channel.
21	CH.LIST/📄	Press to open the channel list. In teletext mode, press to switch the image to top, bottom or full.
22	▶▶ (forward)	Press to fast forward in multimedia & Timeshift mode.
23	● (REC)	Press to record the TV program you are watching in DTV mode.
24	⏸ (Pause)	Press to pause in multimedia mode & Timeshift mode.
25	Coloured buttons	Programme Edit: Delete, Rename, Move, Skip. EPG: Record, Info, Schedule, Reminder.

#	Button	Descriptions
1	🔇 (Power)	Press to turn the TV on or off.
2	S.MODE	Press to select the sound mode.
3	P.MODE	Press to select the picture mode.
4	0-9	Press to enter a channel number or password.
	Q.VIEW	Press to switch to the last viewed channel.
	INFO/📄	Press to display the channel information. In teletext mode, press to reveal the hidden information.
5	MENU/📄	Press to open the on-screen menu. In teletext mode, press to open the INDEX page.
6	OK	Press to confirm a selection.
7	▲▼▶◀	Press to navigate the on-screen menu.
8	BACK/📄	Press to return to the previous screen. In teletext mode, press to enter mix mode.

### Insert Batteries into the Remote Control



1. Remove the battery cover.
2. Inserting the 2 AAA 1.5V batteries making sure the polarity (+ or -) of the batteries matches the polarity marks inside the unit.
3. Mount the battery cover. Replace with new batteries when the TV set begins to show the following symptoms: Operation is unsteady or erratic. Sometimes the TV set does not function with Remote Control Unit.

#### Remark:

- 1) Alkaline Battery Recommended.
- 2) Remove batteries when they are exhausted or if the remote control is not to be used for long time.

## TELETEXT

Teletext is an information system broadcast by certain channels which can be consulted like a newspaper. It also offers access to subtitles for viewers with hearing problems or who are not familiar with the transmission language (cable networks, satellite channels, etc.)

Press:	You will obtain:
TEXT	This is used to call or exit teletext modes. The summary appears with a list of items that can be accessed. Each item has a corresponding 3 digit page number. If the channel selected does not broadcast teletext, the indication 100 will be displayed and the screen will remain blank (in this case, exit teletext and select another channel).
SELECTING A PAGE 	Enter the number of the page required using the 0 to 9 up/down. Example: page 120, enter 120. The number is displayed top left, the counter turns and then the page is displayed. Repeat this operation to view another page. If the counter continues to search, this means that the page is not transmitted. Select another number.
DIRECT ACCESS TO THE ITEMS 	Coloured areas as are displayed at the bottom of the screen. The 4 coloured keys are used to access the items or corresponding pages. The coloured areas flash when the item or the page is not yet available.
INDEX	This returns to the contents page (usually page 100).
SUB PAGE	Certain pages contain sub-pages which are automatically displayed successively. This key is used to stop or resume sub-page acquisition. The indication appears top left.
HOLD	To freeze the page.
REVEAL	To display or hide the concealed information (games solutions).
MIX	Teletext, program, image are displayed together.
EXIT	Exit the teletext.
SIZE	Switch the image to top, bottom, full.

# 04 OPERATION

## Installation Guide

The installation guide only appear when the TV first time turn on or reset to factory set.



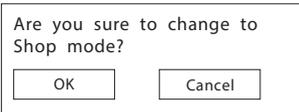
1). Press the ▲▼ buttons to navigate the menu and change the settings. Press the OK button to confirm. Select your desired language to be displayed on the menu.

### HOME or Shop modes

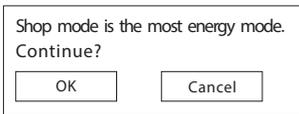
1. When the unit is turn on for the very first time, it will show Initialization set-up menu. After the OSD language is set, the user can choose between "shop mode" and "home mode". When the screen shows the following setting menu and the cursor stays on the "home mode" choice, press ◀▶ to adjust, and "OK" to enter the menu.



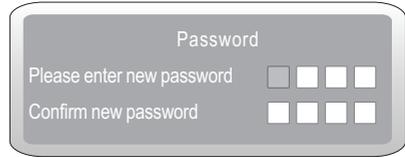
If "Shop mode" is chosen, the following menu will displayed.



Press "OK" to enter the next prompt menu



Choose "Cancel" to go back to the Initialization set-up menu, and the cursor will stay at the "home mode" choice.



**Note:** The default password is 0000.

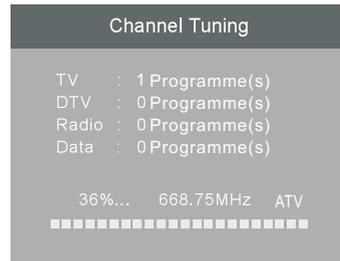
2). If you select DVB-T, the next step is to select the Tune type and country then press the OK button to start tuning.



3). Channel tuning will commence. This operation may take up to **some minutes**. The display will show the progress of the tuning and the number of channels found.

4). If you want to skip the ATV tuning, press the MENU button to interrupt the tuning half way. A pop-up screen will be displayed, press the ◀ button to select YES to confirm. You will then go straight to ATV tuning. You may repeat the above step if you also want to skip the DTV tuning. An installation reminder will appear the next time you turn on the TV.

5). After tuning is complete, the channels are arranged in a preset order. If you wish to skip channels, modify the preset order or rename channels, select Programme Edit under the Channel menu.



## 1. CHANNEL MENU

### 1.1) Auto Tuning (DVB-T)

- 1). Press the MENU button and then press the ▼▲ buttons to select the CHANNEL menu and then press the OK button.
- 2). Press the ▼▲ buttons to select Auto Tuning and then press the OK button.



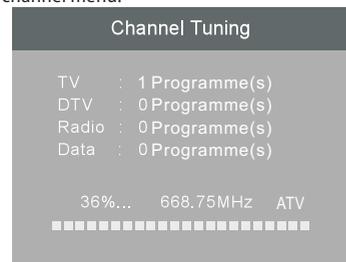
- 3). In the Tune Type menu, press the ◀▶ buttons to select ATV / DTV / DTV + ATV. Press the ▼ button and then press the ◀▶▼▲ buttons to select the country where you will operate the TV. Press the OK button to confirm



- 4). Channel tuning will commence. This operation may take up to **some** minutes. The display will show the progress of the tuning and the number of channels found.

- 5). If you want to skip the ATV tuning, press the MENU button to interrupt the tuning half way. A pop-up screen will be displayed, press the ◀ button to select YES to confirm. You will then go straight to ATV tuning. You may repeat the above step if you also want to skip the DTV tuning.

- 6). After tuning is complete, the channels are arranged in a preset order. If you wish to skip channels, modify the preset order or rename channels, select Programme Edit under the channel menu.

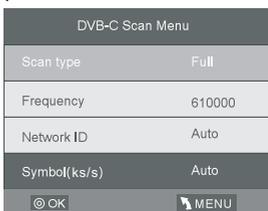


### 1.2) Auto Tuning (DVB-C)

- 1). Press the MENU button and then press the ▼▲ buttons to select the CHANNEL menu and then press the OK button.
- 2). Press the ▼▲ buttons to select Auto Tuning and then press the OK button.



- 3). Press ▼▲ buttons to select Scan type/Symbol (Ks/S) press the OK button to confirm.



- 4). In the Tune Type menu, press the ◀▶ buttons to select ATV / DTV / DTV + ATV. Press the ▼ button and then press the ◀▶▼▲ buttons to select the country where you will operate the TV. Press the OK button to confirm.



- 5). Channel tuning will commence. This operation may take up to **some minutes**. The display will show the progress of the tuning and the number of channels found.

- 6). If you want to skip the ATV tuning, press the MENU button to interrupt the tuning half way. A pop-up screen will be displayed, press the ◀ button to select YES to confirm. You will then go straight to DTV tuning. You may repeat the above step if you also want to skip the DTV tuning.

## Operation

7). After tuning is complete, the channels are arranged in a preset order. If you wish to skip channels, modify the preset order or rename channels, select Programme Edit under the channel menu.



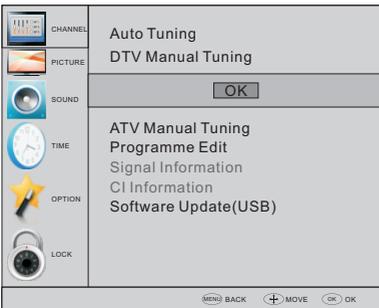
### Note

All the channels including ATV, DTV and Radio can be tuning by one time, if the Tune Type is DTV+ATV.

All the stored channels will disappear after auto tuning.

## 2.1 ) DTV Manual Tuning (DVB-T)

- 1). Press the MENU button and then press the ▼▲ buttons to select the CHANNEL menu and then press the OK button.
- 2). Press the ▼▲ buttons to select DTV Manual Tuning and then press the OK button.



3). The DTV Manual Tuning screen will pop up. Press the ◀▶ buttons to select the desired UHF channel and then press the OK button to commence the search of that channel. When the signal has been tuned, the picture and signal strength will be displayed on the screen.

4). Press the MENU button to return back to the main menu.

5). Press the EXIT button to exit the menu.

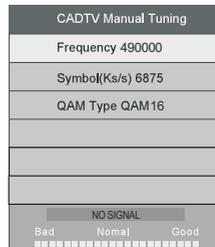


## 2.2 ) DTV Manual Tuning (DVB-C)

- 1). Press the MENU button and then press the ▼▲ buttons to select the CHANNEL menu and then press the OK button.
- 2). Press the ▼▲ buttons to select CADTV Manual Tuning and then press the OK button.



- 3). The CADTV Manual Tuning screen will pop up. Press the ▼▲ buttons to select (Frequency /Symbol (ks/s/QAM Type QAM)) press the OK button to commence the search of that channel. When the signal has been tuned, the picture and signal strength will be displayed on the screen.
- 4). Press the MENU button to return back to the main menu.
- 5). Press the EXIT button to exit the menu.



### 3) ATV Manual tuning :

You can change the sound system to search the analog TV channels and fine tune the channels , then storage the channels you selected.



#### Note

Press teletext red button to storage to channels after manual tuning .

### 4). Program edit:

You can Delete ,Rename ,Move, Skip , FAV any programs.

#### Delete

Press teletext red button , the program in cursor will delete.

#### Rename:

Only can rename ATV programs . Move the cursor to the program, press teletext green button to rename the program.

Press ▼▲ to choose the character. Press ◀▶ to move the cursor .

Press MENU button to exit edit , Press EXIT to exit the menu.

Note: ATV programs name only can be 5 character.

#### Move:

Use the Arrow Buttons to select the channel you wish to move. Then press the Yellow Button to select Move function. Once active use the Arrow Buttons to move and then press OK to confirm.

#### Skip:

Press ▼▲ to choose the program , press teletext blue button to skip this program , The Ⓞ will show on the right side of the program .Choose the skipped program, press blue button again , you can cancel the skip ,The Ⓞ will disappear .

#### Favourite:

Press ▼▲ to choose the program , press FAV button , it will show ♥ on the right side of the program.Choose the FAV program , press FAV button again , you can cancel the FAV, the ♥ will disappear .

Once your favorite group is created, you can press the FAV key to quickly access your favorite channel.

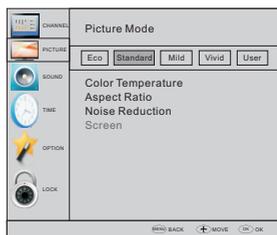
### 5). CI information: (optional)

This menu can display the CI card's information.

## 2. PICTURE MENU

The second item of the MENU is PICTURE MENU.

You can adjust picture effect here, such as contrast, brightness, etc.



#### Note

- 1).Tint is available in NTSC system only.
- 2).There are three colors temperature modes can be selected medium, warm, cool.
- 3).Screen is available in PC mode only which can adjust Horizontal position, vertical position, size and phase.

## 3.SOUND MENU

The third item of the MENU is the SOUND MENU.

You can adjust the sound effect here such as treble, bass, balance etc.



#### Note

Auto volume: only available when the input signal volume is too large or distortion.

## 4.TIME MENU

The fourth item of the menu is the TIME MENU. You can adjust the clock, power on/off time,sleep timer etc

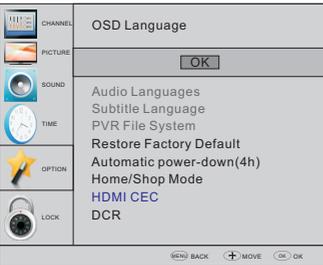


### Note

Within 15 minutes there is no signal, the TV will auto sleep , if Auto Sleep is set ON. The clock time can get from the DTV system auto.

## 5.OPTION MENU

The fifth item of the MENU is the OPTION MENU. You can adjust the OSD language,Audio language,Subtitle language etc.



### Automatic Power-down

1.If after 4 hours from switch on and no changes have been made to the TV, for example no channel or volume changes,the TV will start the automatic power down sequence.

And pop-up window will appear on screen.

Seconds to Automatic power-down  
Please press any Key to Cancel

After 150 seconds the TV will automatically switch to standby. To override the automatic shutdown press any button on the remote control.

2. To cancel the automatic power-down  
On the Option Menu select Automatic power-down(4H)  
Press left/right A pop-up message will appear  
"Are you sure you want to disable automatic power-down?"

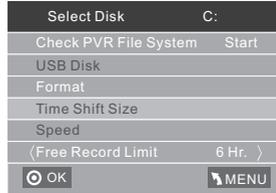
Use the left arrow key to select YES

The TV screen returns to the Option Menu and the Automatic power-down(4H) option will display.

Automatic power-down(4H) OFF

To return to auto shutdown after 4 hours repeat the above except use the right arrow key to select NO.

In PVR File system menu you can set up USB disk for PVR.

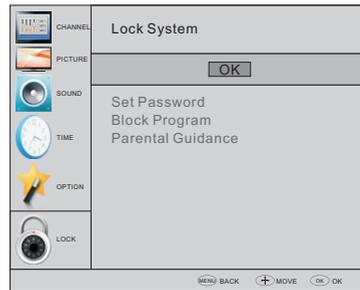


### Note

Restore factory default will clear all the programs and password.

## 6.LOCK MENU

The sixth item of the menu is the LOCK MENU. You can lock system, set password, block program and set parental guidance Once you set the lock system on you can not search the channels or change any programs.



The default pass word is 0000, If you forget the password, you can use the super password:9443. Block program: Press ▼▲ to choose the program ,press teletext green button to block the program. If you want unblock the program, pls enter the main menu , input the password, then press green button again.Parental guidance: Press ◀▶ to choose rating.

## 7. EPG Menu (Electronic Program Guide)

The EPG menu is used to look at what is being broadcasted on DTV or Radio channel in the day. To access the EPG menu, press the **GUIDE** button, the following menu will be displayed:

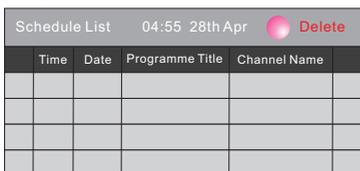


### 1. INFO

Use **INFO** to choose the programs, Press **INFO** key, you can display the highlight program's information.

### 2. Schedule

Press the teletext yellow key, It can list all the reminder schedule, press **▼▲** to choose the list, press red key **DELETE** to delete the schedule list.



### 3. Record

Press the red key, It can set the program to be recorded.

### 4. Reminder

Press the blue key to choose one program and set up one reminder time, the TV screen will skip to the choosed program in the reminder time automatically.



## 8. PVR function

### 1. Prepare to record the program

PVR function only works in DTV.

From OPTION MENU enter into PVR File System In "OPTION MENU", please choose "check PVR File System". Click "OK", until "checking" change into "Success".

Note: please check the term "speed". If it is "HD support", that means the speed of USB device is available for time shift and record. If not, please format the device, to make sure the device available. The default "Free Record Limit" is 6 hour, if the space on the disk is big enough. If the space is not big enough, the record time should be shorter, depends on the room on the device. During the "check PVR File System" checking, please do not take any other operation until it finished.

The recordings must be done with the TV PVR system. It can only be played in the same TV, not in any other kind of device (computer, DVD, etc.) which is not compatible with .TS. file format.

Please note that in order to carry out any kind of recording, the TV will require you to format the connected USB device to store the recording.

**WARNING. WHEN YOU FORMAT, THE EXTERNAL USB DEVICE YOU WILL LOSE ALL THE FILES AND INFORMATION YOU HAVE STORAGE ON THE DEVICE.**

The USB file system will limit the size of the storage size.

File system: NTFS up to 2TB

FAT32 with up to 192GB

FAT16 with up to 2GB

From OPTION MENU enter into PVR File System as below:





## 2. Record the program

As playing the DTV source, choose the channel and click "● record", the record frame will pop up. Click "● record" again, the record frame will disappear and the "REC" icon still on the left top. It will disappear until you click "stop".

## 3. Play the record

The program recorded on the "USB" will be saved in the folder "\_MSTPVR" on the device.

1. The USB storage size can be between 128MB and 500GB in size, but for practical use 2GB to 500GB is recommended.

2. Video may become pixelated when Video bit rate is too low. This can be caused by connecting a USB extension cable instead of plugging the USB directly into the TV.

3. Not all USB devices are compatible.

Below is a list of recommended USB drives.

Models that are not listed may be compatible, but it is not guaranteed to work.

The USB support list are the same as Timeshift function, see the following pages for details.

## 9. Timeshift function

### Prepare to record the program

This TV allows you to pause and record the currently watched digital program to a USB storage device, and to resume to the point where it was paused.

#### Note

- Formatting a USB 2.0 storage device will be needed. Save your original data before formatting. All the data stored in the USB device will be erased after formatting.

### USB Drive Storage Format

Select to format the USB device and allocate the amount of space for the Time Shift function.

#### Note

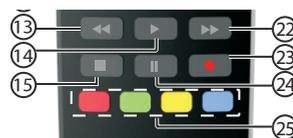
- The format process will take at least 2 minutes. Please do not turn off the power or remove the USB device during formatting.
- During formatting, a speed test will be done on the USB device. If it fails, it means the USB device may not support the Time Shift function.

### Record a paused DTV program to USB storage device

1. While in the DTV input source, insert USB storage device to the USB port on the side of your TV.

2. Press Play (14) to start Time Shift function. The TV program paused. The Time Shift OSD appears, and starts recording.

3. Press STOP (15) to stop Time Shift function and stop recording program.



#### Note

- Please do not unplug the USB storage device when the Time Shift function is activated.
- Approximately 4GB of memory buffers about offer 140 minutes.

### **Time Shift limitations:**

1. When the Time Shift feature is activated, only the PLAY/PAUSE/STOP/**VOL+ /VOL-**/MUTE keys and some basic operation keys (OK/EXIT/navigation keys) are available.

2. Video playback may not be smooth and skip if USB recording speed does not meet the minimum requirements .

3. Do Not remove USB disk or switch off the power during Time Shift operations. It will abort once the signal is lost.

4. Do Not remove the signal source during Time Shift operations.

5. Do Not quickly and repeatedly change operations between PLAY/PAUSE/FWD/REV.

6. Video may become pixelated when Video bit rate is too low.

7. Not all USB devices are compatible, The USB hard disk drive electricty should be < 500MA.

Below is a list of recommended USB drvies. Models that are not listed may be compatible, but it is not guaranteed to work.

- San Disk Extreme® Contour™ USB Flash Drive - 8GB SDCZ8 - 8192 - E75
- San Disk Extreme® Contour™ USB Flash Drive - 16GB SDCZ8 - 016 G - A75
- Kingston Data Traveler 410 USB 2.0 Flash Drive-8 GB DT410/8 GB
- Kingston Data Traveler 410 USB 2.0 Flash Drive - 16GB DT410/16 GB
- OCZ Technology Rally 2 USB 2.0 Flash Drive - 4GB OCZUSBR2DC - 4GB
- OCZ Technology ATV USB 2.0 Flash Drive - 8GB OCZUSBATV - 8GB
- OCZ Technology Rally 2 USB 2.0 Flash Drive - 8GB OCZUSBR2DC - 8GB
- SZMSUNG - Hm500 JI -500 G

8. This feature is not available for all digital TV,such as scrambled or audio only channels.

## 10.USB Player

Press source key, and select USB in source list, press OK button to enter the USB menu.



Please make sure that the USB device have plugged in the slot. There are four type media item can be selected, such as photo, music, Movie, and text. Select the type media item by pressing ◀▶, press **OK** button to enter the disk selection menu.



Press the ▶▶ to select the right disk and press **OK** to display media files and folder list or choose Return to back to the media type selection menu.



Select the media file by pressing ◀▶ or ▼▲, then the preview frame will pop up. Press the button ▶▶ to play the media file in full screen. When the media file (photo, Movie, or text type) is playing, press the **OK** or Info button can display the control bar.



Press ◀▶ to select the function icon, press OK button to confirm the function. Press ▼ or EXIT button to exit the control bar except for music.

### Note

You can adjust the audio track, or program in the Info menu while Playing the video file. Choose the Info icon and press OK can display the Info MENU.



USB playback is supported for the following photo file formats:

- JPEG (JPEG format, files with the extension ".jpg")
- BMP (files with the extension ".bmp")
- PNG (files with the extension ".png")

USB playback is supported for the following music file formats:

- MP3 (files with the extension ".mp3")

USB playback is supported for the following text file formats:

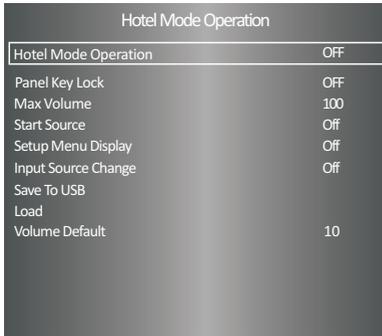
- TXT (files with the extension ".txt")

USB playback is supported for the following movie file formats:

- TS (MPEG2 & H.264)

### 11. Hotel Mode:

Please press source key first, and then press number key "1001" to enter into Hotel Mode.



Hotel Mode Operation	
Hotel Mode Operation	OFF
Panel Key Lock	OFF
Max Volume	100
Start Source	Off
Setup Menu Display	Off
Input Source Change	Off
Save To USB	
Load	
Volume Default	10

**Hotel Mode Operation :** Set Hotel mode on/off.

**Panel Key Lock :** Keypad will be locked, when Key Lock mode is on.

**Max Volume:** Set max volume limited. This option allows you to set the Max Volume Level.

**Start Source :** Choose source, the options as follow: Off/DVB-T/DVB-C/ATV/SCART/YBPBR/PC/HDMI1/HDMI2/AV/USB.

Press the ◀ or ▶ button to select the desired source.

**Setup Menu Display :** Main menu lock , main menu will not display when set to "Off".

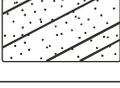
**Input Source Change:** Source lock, you can't change the source, when set to "Off".

**Save To USB:** Backup all TV setting data to USB disk. (backup file named DATABASE.bin)

**Load:** Restore this data to TV from USB disk. When restore is executed, the TV will reboot.

**Volume Default :** Power on default volume, press the ◀ or ▶ button to select the desired volume.

## 05 Trouble shooting

Trouble phenomenon Symptom		Inspection Check
Picture	Audio	
 <p>Snow</p>	 <p>Noise</p>	antenna position, direction or connection
 <p>Ghost</p>	 <p>Normal audio</p>	antenna position, direction or connection
 <p>Interference</p>	 <p>Noise</p>	electronic equipment, car/motorcycle, fluorescent light
 <p>Normal Picture</p>	 <p>Mute</p>	Volume (check if mute is activated or if the audio system connections are not correct)
 <p>No picture</p>	 <p>Mute</p>	Power cord is not inserted Power switch is not opened Contrast and brightness/volume setup Press standby key on the remote control for inspecting
 <p>No colour</p>	 <p>Normal audio</p>	Colour control
 <p>Picture breaking up</p>	 <p>Normal audio or weak</p>	retune channel
 <p>No colour</p>	 <p>Noise</p>	TV system
 <p>There is black bar on top and bottom</p>	 <p>Normal audio</p>	Change aspect to zoom

## Trouble Shooting

My TV does not display the picture on my laptop / PC when connected.

Most PC's and laptops when connected with a VGA Plug (the blue 15 pin plug on your PC or laptop) require you to press some buttons on your key board to get a picture on a TV or other external display. This is usually the F7 (Dell) or F4 (HP / Samsung) or F5 (Toshiba). On laptops, you have to press the "Fn" key at the same time as the "F" key.

I have connected my PC/Laptop to the TV and get a picture but no sound. Why ?

The VGA cable only carries the video or picture information. You need to connect a separate cable connected to the earphone socket (3.5mm jack) on you PC/Laptop to the 3.5m (PC Audio IN) socket on your TV. You will need to select "PC" using the Source button on your remote. Alternatively connect your PC/Laptop using a HDMI cable if you PC/Laptop has a HDMI connector. HDMI is both audio and video.

The picture is not auto resizing when changing channels.

Check that the TV picture Aspect Ratio is set to 'Auto' on all inputs ATV, DTV, HDMI 1, 2 etc.  
To set the aspect ratio, (Auto, 4:3 or 16:9). Press Source button start at ATV and repeat the sequence below for all input sources ATV, DTV, HDMI 1 and 2 as each input source is controlled separately.  
Press TV Menu button  
Press Right Arrow to access Picture sub menu  
Press Down Arrow to select Aspect Ratio  
Select Auto  
Press Exit  
Repeat for all input sources.

I have just plugged in a DVD player or another item into my TV and it doesn't work.

This is applicable to any item of equipment plugged to the TV

1. Turn both TV & DVD player off (plugs out of the wall socket, not standby).
2. Plug in and turn TV on
3. Plug in and turn DVD player on
4. Select HDMI from Source Menu
5. Press play on DVD player and check movie plays ok

Please follow this information. If the advice works and the DVD player works, the TV is OK it is just a bit confused. Probably HDMI plugs have been removed and plugged back in when the TV is switched on.  
Never remove or plug in HDMI cables or any digital equipment with the equipment switched on.  
Always switch off all equipment when unplugging or connecting any digital equipment.

## Trouble Shooting Digital TV Problems and possible Solutions.

### Picture Breaks into Pixels

A typical example of a reception problem includes the **break up of pictures** (pixilation) or the **picture freezing**, sometimes there are **clicking or squeaking** sounds or the **sound drops out** or there is **NO reception** at all. Your picture may break into pixels due to the digital video signal dropping. The signal dropping may occur because of either problems with weak signals (see TV Aerials) or if you are connected by cable a weak cable signal. If the problem is weak signals, use an amplifier to strengthen the signal. A cable technician can help you install an inline amplifier or a pre-amplifier. This will boost your signal strength and fix the pixel problem.

If you are receiving your TV signal by satellite, check your dish has not moved following high winds, or that the signal is blocked by trees. Trees can be a problem as the TV signal can change depending if a tree between the satellite dish and satellite is in bare or in full leaf.

### Missing channels

It may be that you find that there are **channels missing**, or you're receiving channels from the wrong region. Sometimes the **interactive services (red button) doesn't work**. This is usually caused by weak signal, see TV Aerials

### TV Aerials

Digital terrestrial television (Freeview) comes to your TV via an aerial, The old aerial that was good for analogue TV may not work well for digital so may need upgrading. If you are getting some but not all of the digital channels on DTV (Freeview) for example you get BBC1, BBC2, Channel 4, but not ITV or Channel 5, this is usually because your aerial is a narrow band type, and needs to be changed to a wide band type.

### Faulty Leads and Cables

Check your TV. Are the leads at the back - to the mains, the aerial, the set-top box, the video or DVD player or recorder properly connected? SCART leads are known to work loose over time and can result in both audio and video (picture) problems. Either left or right or both audio is missing and the colours are poor or muddy looking. Push the SCART plugs firmly in, this should fix the problem.

HDMI plugs need to be pushed in firmly; it's only the last millimetre that the contacts make. Typically the black plastic part of the HDMI plug should be very close or touching the body of the TV or component.

When plugging in any HDMI cables you may experience problems if the HDMI cables are plugged in when the TV or the other component is switched on. Always switch off both the TV and the component you are plugging in. If you have checked the plugs and sockets, switch off the TV and whatever you have plugged in to the TV and then switch them on again.

### I have connected my PC to the TV. There is no sound.

If you connect your PC or Laptop to the TV using a VGA (15 pin Sub D) cable there is no audio, you need to connect a separate audio cable to the TV from the PC or laptop.

### Unnatural Colours and Flesh Tones

Unnatural flesh tones and other colours could present another problem even in a new HDTV. This is due to the TV picture settings, which are optimized for a showroom environment. Fix this by changing the picture mode to natural in the picture menu. For more precision, try manually setting the colour, contrast and brightness options in the picture menu.

### White Outlines

White outlines around objects and people generally appear either if the TV sharpness is set to very high, or if your television set uses some edge-enhancement processing technology. Go to the picture menu and adjust the sharpness till the white outline disappears. If edge-enhancement is enabled, try to disable it using the service menu.

### Choppy Video

At times the video might become choppy. When this happens, check whether the signal is strong enough. If the signal is strong the problem is with the cable operator. If the signal strength is weak, try boosting the signal strength with the help of an amplifier.

### The picture does not fill the screen

When connecting PC's or laptops to the TV, the picture may not fill the screen. Check the display settings on your PC or laptop (Windows > Start > Control Panel > Appearance and Personalization > Display settings) and select the best resolution. On your TV select:- TV Menu > Picture > Settings and then try AUTO, ZOOM1 or ZOOM2 for the best display.

### USB Connection

The USB connection will work with \*.jpg (photo) and \*.mp3 (music) files. Please note the TV does not recognize Apple iPhone, or iPod's connected to the USB connector on the TV. The TV may play other files, but due to the multiple different file formats, there is no guarantee that these other file formats will work.

## 06 Specification

### 32" HD Ready Digital LED LCD TV

<b>Television picture quality:</b>	HD Ready Integrated digital. Screen Size: 80cm Resolution 1366x768 pixels 50Hz.
<b>DTV Tuner Decoder</b>	DVB-T, DVB-C, <b>DVB-T2</b> OFDM, QAM, QPSK MPEG2, MPEG4, H.265
<b>Connectivity:</b>	2 HDMI sockets. 1 SCART socket. PC input socket. Component video socket. Composite. 1 USB port. 1 Headphone port. 1 ANT IN Supported Systems: PAL+SECAM <b>Storage channel number: 600(DTV), 100(ATV)</b> TV (RF) :75 $\Omega$ Imbalance AV Video-Input: 75 $\Omega$ , 1V-P, RCA AV Audio-Input: 20K $\Omega$ , 500mV RMS YPbPr/HDMI Video Input: 480i, 480p, 576i, 576p, 720p, 1080i, 1080p
<b>Sound quality:</b>	NICAM stereo sound system. 2 x 8 watts RMS power output.
<b>Standby Power consumption</b>	$\leq$ 0.50W
<b>Digital features:</b>	Digitally interactive. Digital text. Digital video broadcasting (DVB) subtitles available. Auto setup. Auto scan for new channels. Now and next programme guide. 7 day electronic programme guide (EPG). Top up TV compatible. CI slot. Audio description compatible.
<b>Additional features:</b>	UHF/VHF tuner; Sleep timer; Parental Guidance; Picture and text Remote control batteries required 2 x AAA (included). VESA Mount Size: <b>200x100 mm</b> Package Size (WxHxD): <b>795x137x495mm</b> Set Size (WxHxD) with Stand: <b>730x180x470mm</b> Set Size (WxHxD) without Stand: <b>730x61x427mm</b> Package weight : <b>6kg</b> Set weight with stand: <b>4.5kg</b> Set weight without stand: <b>4.4 kg</b>

\* The part specifications of this TV set provided here are for reference only.  
Differences may occur as product technology is updated.  
Design and specifications are subject to change without notice.

