Haier

LED LCD TV RECEIVER

USER MANUAL

MODEL:
LET22T1000F
LET24T1000F
LET26T1000F

Contents

WELCOME

Thanks for buying this 22"/24"/26" 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:

22" Full HD 1080P Digital LED LCD TV
Remote control
AAA battery x2
Instruction Manual
Quick start guide
Stand

24" Full HD 1080P Digital LED LCD TV
Remote control
AAA battery x2
Instruction Manual
Quick start guide
Stand

26" HD Ready Digital LED LCD TV
Remote control
AAA battery x2
Instruction Manual
Quick start guide
Stand

Now you can get started!

IMPORTANT INFORMATION

READ ALL INSTRUCTIONS BEFORE USE AND KEEP FOR FUTURE REFERENCE.

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

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 ANYINSIDE PART OF THIS PRODUCT.

THERE IS A 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 UNAUTHORISED AND COULD LEAD TO INJURY OR PRODUCT DAMAGE. REFER ALL SERVICING TO THE CUSTOMER HELPLINE.

This TV is optimised for use in the United Kingdom. It is not certified to work in other countries and some features and signal inputs may not work as described in the documentation.

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: Only use the attachments/accessories specified provided by the manufacturer.

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.

$C\!\in$

UK Only 13A Plug Connection.

If your TV is connected to the mains supply using a 3 pin 13 amp plug, the voltage rating is 220-240 volts and should be protected by a 3 amp fuse in the plug.

Should the fuse require replacement for any reason, the fuse must be replaced with a fuse rated at 3 amps and manufactured and approved to Bs1362.

If the mains plug is unsuitable for the socket outlet in your home or is removed for any other reason, then the cut off plug should have its fuse removed and be disposed of safely to prevent the hazard of electric shock.

There is a danger of electric shock if the cut off plug is inserted into any 13 amp socket outlet.
**How to wire a 13 amp plug.**
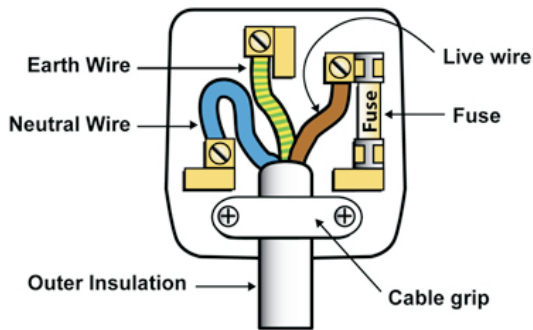
Important
The wires in the mains lead on a TV are colour coded in accordance with the following code.

Green and yellow	Earth	Not required on TV's as they are double insulated.
Blue	Neutral	
Brown	Live	

Double insulated appliances

Appliance with double insulation, have a symbol ☐ than means that they do not have an earth wire (green and yellow), so on these appliances only have two wires a blue and a brown.
If the colours do not correspond with the markings identifying the terminals in your plug, proceed as follows.

The green and yellow wire, not required on double insulated appliances, must be connected to the terminal in the plug which is marked with the letter E or with the earth symbol ⏚ or coloured green and yellow.

The blue wire must be connected to the terminal marked N or coloured Blue or Black

The brown wire must be connected to the terminal marked L or coloured Brown or Red

WARNINGS AND CAUTIONS
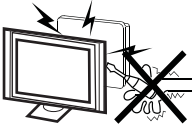
Warning ⚡
High voltages are used in the operation of this television receiver. Do not remove the cabinet back from your set. Refer servicing to qualified service personnel.
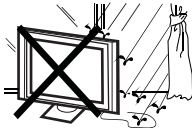
Warning ⚡
To prevent fire or electrical shock hazard, do not expose the television receiver to rain or moisture.
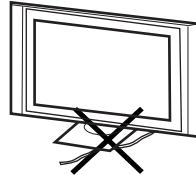
Warning ⚡
Do not drop or push objects into the television cabinet slots or openings. Never spill any kind of liquid on the television receiver.

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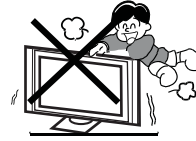
Caution ⚠
Never stand on, lean on, or suddenly push the television or its stand. You should pay special attention to children. Serious injury may result if it should fall.

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.

Minimum distances
10cm   10cm   5cm
20cm
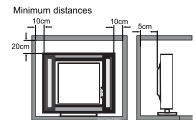
Caution ⚠
If the television is to be built into a compartment or similar enclosure, the minimum distances must be maintained. Heat build-up can reduce the service life of your television, and can also be dangerous.

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.

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.

Main features

① Used as Television, display terminal, PC display；

② High luminance, wide viewing angle；

③ HDMI interface and SCART Interface；

④ NICAM；

⑤ Time-shift；

Main parameter

Panel	19″	22″	24″	26″
TV System	PAL-B/G、I、D/K SECAM- B/G 、D/K、L、L'			
Video Signal System	PAL/SECAM			
Input Power Voltage	AC 100-240V 50/60Hz			
Power consumption	30W	38W	40W	55W
Standby Power consumption	<0.5W			
Audio Output Power （THD≤7%）	2x3W			
Signal Input	Analog RGB(PC) x1; PC audio x1 High-Definition Multimedia Interface (HDMI)x2 Video Input x1 Audio Input x1 Y Pb Prx1 SCARTx1 CI x 1 USB x 1 RF Co-Ax x 1			
Signal output	Headphone x 1 S/PDIF x 1			
Horizontal definition （TV line）	Composite Video input >=350 YPbPr >=400			

PC

PRESET MODE

	RESOLUTION	V.Freq.(Hz)	H.Freq.(KHz)
1	640x480	60	31.47
2	800x600	60	37.88
3	1024x768	60	48.36
4	1360x768	60	47.7
5	1280x1024	60	63.98
6	1920x1080 (Olny for 21.5",23.6")	60	66.64

02 Introduction

Base Stand Assembly Instruction

1. Insert the stand support pillar into the stand as the arrow indicated direction, and then fastened with one screw.
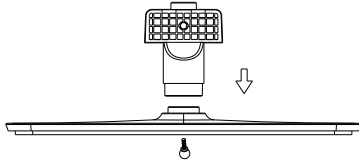
2. Insert the stand Ass'y into back cover as the arrow indicated direction,and then fastened with one screw.
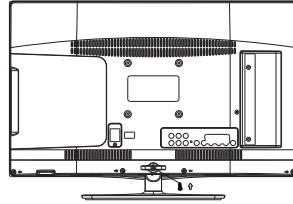
(22",24")

(22",24")

1. Insert the stand support pillar into the stand as the arrow indicated direction, and then fastened with three screws.
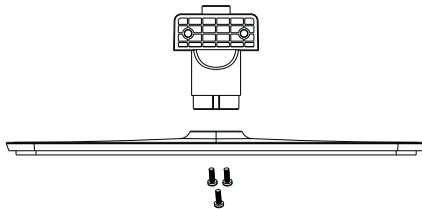
2. Insert the stand Ass'y into back cover as the arrow indicated direction,and then fastened with two screws.

(26")
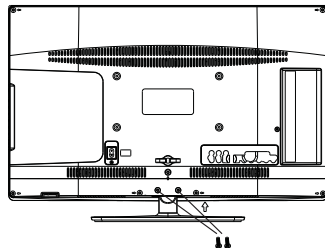
(26")

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 don't rotate the TV.

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

WALL MOUNTING INSTALLATION GUIDELINES

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.
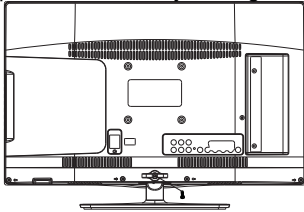
2.Remove the screws from the lower part of the television, where the base joins to the TV, and take away the stand (put the stand somewhere safe for future use).

(22",24")

(22",24")

3.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.

M4X5

M4X5

M4X5

100mm

100mm

M4X5
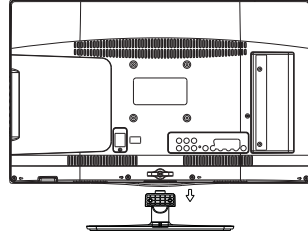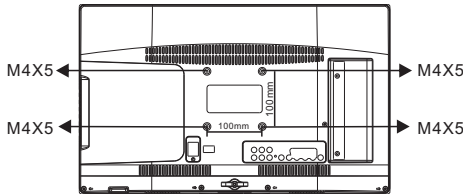
(22",24")

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.Remove the screws from the lower part of the television, where the base joins to the TV, and take away the stand (put the stand somewhere safe for future use).

(26")

(26")

3.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.

M4X5

M4X5

M4X5

200mm

100mm

M4X5

(26")

02 Introduction
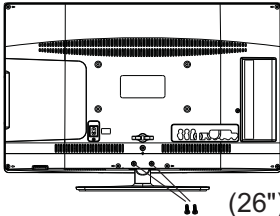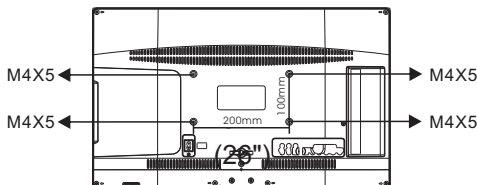
Front control panel
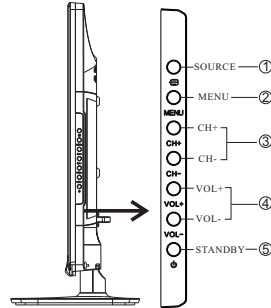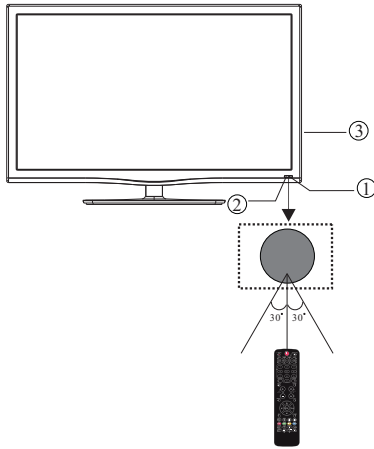
1	Remote control sensor.
2	Indicator LED:
	BLUE: POWER ON. RED: STAND BY.
3	Key board.

1	**SOURCE**	Display the input source menu.
2	**MENU**	Display main MENU.
3	**CH+/CH-**	In TV mode,press CH+ or CH- to change the channel up and down. In MENU, press CH+ or CH- to select items .
4	**VOL+/VOL-**	Adjust sound level. In MENU,adjust the item that you Selected.
5	**STANDBY**	

Rear/Side Sockets
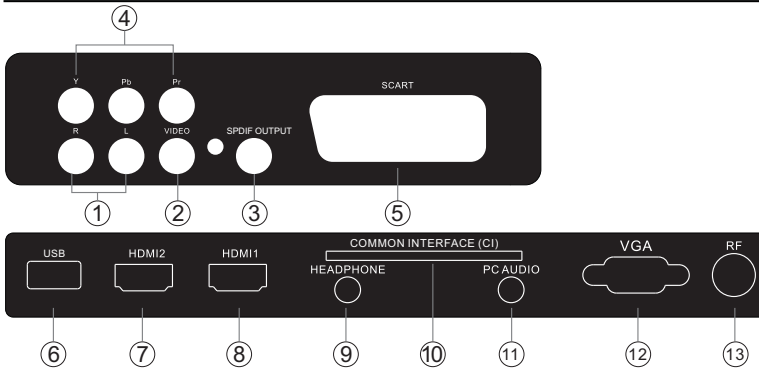
1	**L/R AUDIO**	input
2	**AV**	input
3	**S/PDIF**	digital audio output
4	**YPbPr**	input
5	**SCART**	input
6	**USB**	input
7	**HDMI2**	input

8	**HDMI1**	input
9	**HEADPHONE**	analogue audio output
10	**COMMON INTERFACE(CI)**	input
11	**PC AUDIO**	input
12	**VGA**	input
13	**RF**	input

Connecting to your Haier TV

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.

Option 1   **SCART**

---

1   Connect a SCART cable (not supplied) from the SCART socket on the TV to the DVD player / Satellite or 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.

Option 2   **HDMI**

---

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 / Satellite or 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.

Option 3   **AV Audio Visual**

(Yellow/White/Red)
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 AVI 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 AVI cable press the SOURCE button on the remote and use the ▼▲ keys to select COMPONENT and press the **OK** button.

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

---

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)

Option 6   **USB**

---

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.

Note1:- 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 you TV.

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

Option 7   **HEADPHONE OUTPUT**

Insert the plug of the earphone into the earphone jack on the unit HEADPHONE. The speakers are now muted.

Option 8   **S/PDIF OUTPUT**

S/PDIF 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 S/PDIF socket on the TV to the Home Theater sound system or digital HiFi system etc.

02 Introduction

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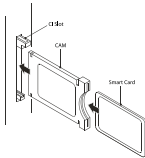
2 Turn on the TV and it will display the below message if the CI module is detected. Wait for few moments until the card is activated.

> CI Module Inserted

3 Press the **MENU** button then press ▲ ▼ button to select CI Information option.
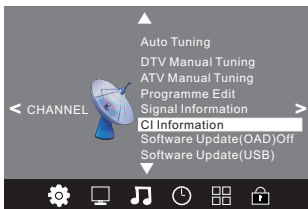
4 Detailed information on the CI card in use is displayed.

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

Remote control

Insert Batteries Into the Remote Control

1	2	3

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.

1.POWER: Press to turn on the TV.
2.D.MENU: No function.
3.P.Mode: To switch picture mode.
4.INFO: Press to display the current signal status,including input source and channel audio mode.
5.AUDIO I/II: Press to select **MONO,Nicam stereo** for ATV channel. Select Audio language for DTV channel.
6.SUBTITLE: Press to turn the subtitle **On** or **Off**.
7.Number Buttons: For direct access to channels.
8.SOURCE: To select input source.
9.MUTE: To disable or enable the sound output.
10.Volume Control: To adjust sound level.
11.MENU: To display TV menu.
12.OK: To confirm selection.
13.EXIT: To return to the previous menu or exit menu.
14.Teletext Index/USB PLAY
15.REPEAT: No function
16.Teletext Green Button / USB Fast Forward
17.Teletext Red Button / USB Fast Rewind
18.Teletext Mix
19.Teletext Text
20.Teletext Reveal
21.Teletext Size
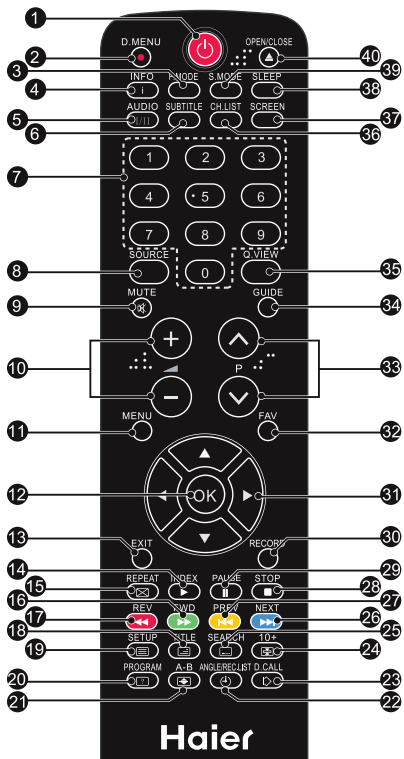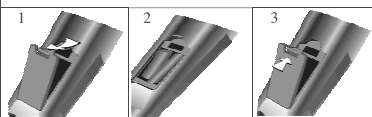**22.Teletext Time/ANGLE/REC.LIST**(teletext time is no function)
23.Teletext Mode: No function
24.Teletext Hold
25.Teletext Subcode:Teletext Subpage
26.Teletext Blue Button / USB Next File
27.Teletext Yellow Button / USB Previous File
28.USB STOP
29.USB PAUSE
30.START RECORD
31.UP,DOWN,LEFT,RIGHT Cursor: Press to navigate your selection.
32.Fav: To access your favourite channels list in TV or DTV mode.
33.Select Programme: Press ∧/∨ Button to select the next or previous TV channel.
34.GUIDE: Press to display electronic programme guide in TV mode.
35.Q.View: To access the previously viewed channel.
36.CH.LIST: Press to display the channel list.
37.Screen: To change picture aspect ratio.
38.Sleep : Set timer to turn off the TV.
39.S.Mode: To switch sound mode.
40.OPEN/CLOSE: No Function

⑤ ⑥ ⑭ ⑯ ⑰ ⑱ ⑲ ⑳ ㉑ ㉒ ㉔ ㉕
㉖ ㉗ ㉘ ㉙ :No DVD function

REMOTE CONTROL

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, theindication 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 are 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).
LIST	The user can set four favorite pages to be directly linked to the four color keys. While list mode is activated, it is not possibility to use TOP or FLOF navigation with the colorkeys. The favorite page numbers should be stored and restored to/from nonvolatile memory for each channel by the system software.

Installation Guide

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

WELCOME!

Thank you for choosing

Haier

Please select an OSD Language

Česky	English	Français	Magyar	Polski
Dansk	Español	Hrvatski	Nederlands	Português
Deutsch	Eλληνικά	Italiano	Norsk	Русский

⊙ OK

Mode Select

Home Mode
Shop Mode

⊙ OK

Country

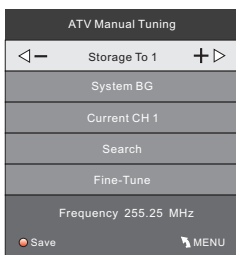| Norway | Rumania | Slovenia | Switzerland | Morocco |
| Poland | Russian | Spain | UK | Tunis |
| Portugal | Serbia | Sweden | NewZealand | Algeria |

⊙ OK

Password

Please enter old password   ✱ ✱ ✱ ✱
Please enter new password   ☐ ☐ ☐ ☐
Confirm new password   ☐ ☐ ☐ ☐

You can choose OSD language,Home/Shop mode and country, auto tuning programs .And after tuning the screen will skip to the first DTV program. Note:The default password is 6666.

HOME or SHOP modes
1. Home Mode is an energy-saving Mode. Home Mode is recommended for normal viewing setting and is set as default during manufacturer.
2. Shop Mode is an option for retailers for Advertising or product presentation.
Shop Mode has a brighter image than Home Mode.
3. You may switch between Home or Shop Mode as you choose.If you choose Shop Mode ,it will enter HDMI1 source automatically,and you wil press Exit key to exit POP menu.

1.CHANNEL MENU

The first item of the MENU is channel menu(for TV or DTV source only).

▲
Auto Tuning
DTV Manual Tuning
ATV Manual Tuning
Programme Edit
< CHANNEL   Signal Information   >
CI Information
Software Update(OAD)Off
Software Update(USB)
▼

⚙ 🖥 🎵 🕐 ▦ 🔒

You can search channels and edit programs here.

1).Auto tuning:
Search all the channels automatically(you can select ATV and DTV)

◄ Tune Type   DTV+ATV ►
▲
Germany	Italy	Norway
◄ Greece	Luxembourg	Poland ►
Hungary	Netherlands	Portugal
▼
🔰 MENU

Pls press ◄►▼▲ to select country at first , then press OK button to start auto tuning .

Channel Tuning

TV   : 0 Programme(s)
DTV : 0 Programme(s)
Radio : 0 Programme(s)
Data: 0 Programme(s)

96%   UHF CH 68 DTV
▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪

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 be disappear after auto tuning .

After auto tuning , the channel will skip to the first DTV channel.

2).DTV Manual tuning:
You can select a DTV channel then find the program in this channel.
Pls press◄ ► to select the channel , then press OK to search the programs .
NOTE:
Bad Normal Good means signal intensity.

04 Operation

```
DTV Manual Tuning
◁ —    VHF CH    5    + ▷

Press OK to search
Bad        Nomal        Good
▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮
```

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.

```
ATV Manual Tuning
◁ —    Storage To 1    + ▷
System BG
Current CH 1
Search
Fine-Tune
Frequency  255.25 MHz
● Save                    ↘ MENU
```

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 characters long,
DTV programs name can be 25 characters long.

🟡 Move
Use the Arrow Buttons to select the channel you
wish to move. Then press the Yellow Button to
select Move function. Once active, enter the
number button 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
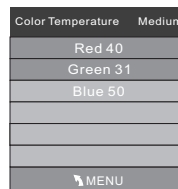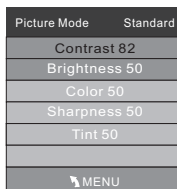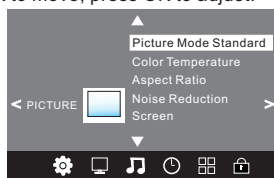channel.
5). CI information: (optional)
This menu can display the CI card' s information.
2. PICTURE MENU
The second item of the MENU is PICTURE MENU.
You can adjust picture effect here, such as
contrast, brightness, etc.
Press OK to move, press OK to adjust.

```
                          ▲
                    Picture Mode Standard
                    Color Temperature
                    Aspect Ratio
◄ PICTURE  ☐        Noise Reduction        ►
                    Screen
                          ▼
    ⚙  ☐  ♫  🕐  ▦  🔒
```

```
Picture Mode    Standard      Color Temperature    Medium
Contrast 82                   Red 40
Brightness 50                 Green 31
Color 50                      Blue 50
Sharpness 50
Tint 50
          ↘ MENU                       ↘ MENU
```

NOTE:
1).There are four picture modes can be
selected standard,mild,user,Eco
(energy-saving mode).
2).Tint is available in NTSC system only.
3).There are four colors temperature modes
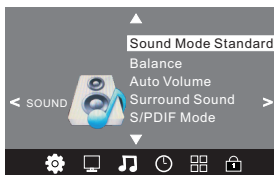can be selected medium, warm, cool,user
4).Screen is available in PC mode only which,
can adjust Horizontal position, vertical
position, size and phase.

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.
Press ▼▲ to move, press OK to adjust.

```
                          ▲
                    Sound Mode Standard
                    Balance
◄ SOUND  ☮          Auto Volume          ►
                    Surround Sound
                    S/PDIF Mode
                          ▼
    ⚙  ☐  ♫  🕐  ▦  🔒
```

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

4.TIME MENU

The forth item of the menu is the TIME MENU
You can adjust the clock, power on/off time,
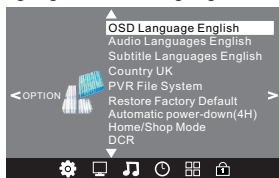sleep time etc Press ◄ ► to move, press OK to
adjust.

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 Menu 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.

> XXX's to automatic power–down
> Please press any Key to Cancel
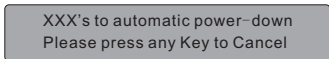
After 150 seconds the TV will automatically switch
to standby. To override the automatic shutdown
press any button on the remote control.
2. To cancel the automatic power-down
On the Option Menu select Automatic power-
down(4H)
Press OK. A pop-up message will appear
"Are you sure you want to enable automatic power-
down?"
Use the right arrow key to select NO
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 left arrow key to select YES

In PVR File system menu you can set up USB
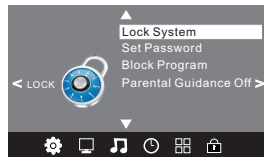disk for PVR.
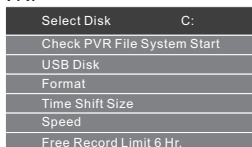
NOTE:
Restore factory default will clear all the programs
and password.

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.

NOTE:
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 EPG
botton,the following menu will be displayed:

1. ● INFO
Use ✛ 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. 🔵 Remind
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.

Reminder setting	
◁ ─ 802 SZTVM03 ➕ ▷	
08 Minute	
05 Hour	
Apr Month	
28 Date	
★ Once Mode	
⊙ OK	🔵 BACK
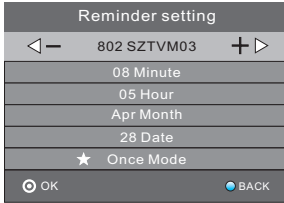
8.PVR function

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

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,
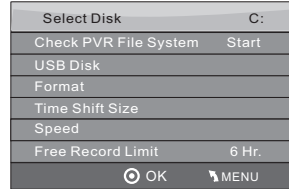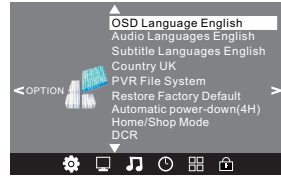DVD, etc.) which is not compatible with .
TS. file format.
Please note that in order to carry out any kind of
recording, the TV will require you to format the
connected USB device to store the recording.

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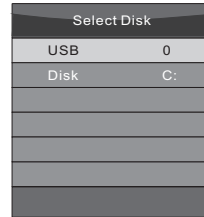STORAGE ON THE DEVICE.

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
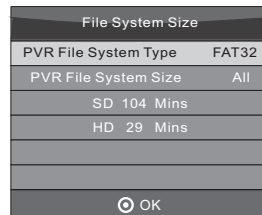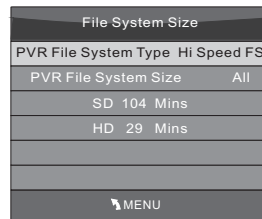From OPTION MENU enter into PVR File
System as below:

OSD Language English	
Audio Languages English	
Subtitle Languages English	
Country UK	
◁ OPTION PVR File System	▷
Restore Factory Default	
Automatic power-down(4H)	
Home/Shop Mode	
DCR	
⚙ 🖥 🎵 🕐 ⊞ 🏠	

Select Disk	C:
Check PVR File System	Start
USB Disk	
Format	
Time Shift Size	
Speed	
Free Record Limit	6 Hr.
⊙ OK	↘ MENU

Select Disk:select which disc to save the
record file.

Select Disk	
USB	0
Disk	C:

Check PVR File System: check if the PVR File
System set up in the USB device or not.

Format:

File System Size	
PVR File System Type	Hi Speed FS
PVR File System Size	All
SD 104 Mins	
HD 29 Mins	
↘ MENU	

File System Size	
PVR File System Type	FAT32
PVR File System Size	All
SD 104 Mins	
HD 29 Mins	
⊙ OK	

(Suggest to format the format the device by "High Speed Fs..." , which can speed up the record.)

```
┌─────────────────────────────────┐
│          Format disk            │
├─────────────────────────────────┤
│                                 │
│          Format disk            │
│                                 │
│   Warning!  All data will be lost. │
│                                 │
│                                 │
│                                 │
│  ◄ Start              Exit ►    │
└─────────────────────────────────┘
```

```
┌─────────────────────────────────┐
│          Format disk            │
├─────────────────────────────────┤
│                                 │
│      Do not unplug USB device.  │
│                                 │
│      Formatting,please wait     │
│                                 │
│  ░░░░░░░░░░░░░░░░░░░░░░░░░░░░    │
└─────────────────────────────────┘
```
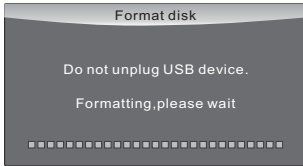
below menu appear after Format finish:

```
┌─────────────────────────────────┐
│  Select Disk              C:    │
├─────────────────────────────────┤
│  Check PVR File System   Checking │
│  USB Disk                  Pass │
│  Format                    Pass │
│  Time Shift Size            All │
│  Speed                 Checking │
│  Free Record Limit       6 Hr.  │
│           ↘ MENU                │
└─────────────────────────────────┘
```

```
┌─────────────────────────────────┐
│  Select Disk              C:    │
├─────────────────────────────────┤
│  Check PVR File System  SUCCESS │
│  USB Disk                  Pass │
│  Format                    Pass │
│  Time Shift Size            All │
│  Speed    HD  support  2048 KB/s │
│  Free Record Limit       6 Hr.  │
│           ↘MENU                 │
└─────────────────────────────────┘
```

If you select the "Hi Speed FS " format mode, then you can change the time shift size:

```
┌─────────────────────────────────┐
│        Time Shift Size          │
├─────────────────────────────────┤
│  Time Shift Disk Size    512 MB │
│        SB  14 Mins              │
│        HD  4 Mins               │
│                                 │
│                                 │
│                                 │
│                                 │
└─────────────────────────────────┘
```

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

1.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 PAUSE ㉙ to start Time Shift function. The TV program paused. The Time Shift OSD appears, and starts recording.

3. Press STOP ㉘ to stop Time Shift function and stop recording program.

00:00:33/00:04:22

| ▶ Play | ◀◀ FB | ▶▶ FF | |◀ Prev. | ▶| Next | ❚❚ Pause | ■ Stop |
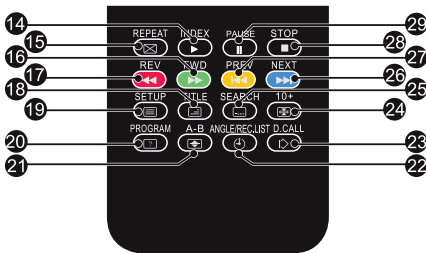
NOTE:

• 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/FWD/REV/ VOL+/VOL-/MUTE keys and some basic operation keys (ENTER/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.

- SanDisk Extreme® Contour™ USB Flash Drive - 8GB SDCZ8-8192-E75

- SanDisk Extreme® Contour™ USB Flash Drive - 16GB SDCZ8-016G-A75

- Kingston DataTraveler 410 USB 2.0 Flash Drive - 8GB DT410/8GB

- Kingston DataTraveler 410 USB 2.0 Flash Drive - 16GB DT410/16GB

- OCZ Technology Rally2 USB 2.0 Flash Drive - 4GB OCZUSBR2DC-4GB

- OCZ Technology ATV USB 2.0 Flash Drive - 8GB OCZUSBATV-8GB

- OCZ Technology Rally2 USB 2.0 Flash Drive - 8GB OCZUSBR2DC-8GB

- SAMSUNG-HM500JI-500G

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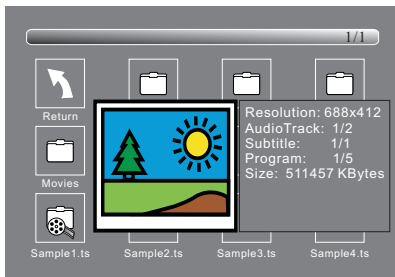
10.USB Player

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

USB 2.0

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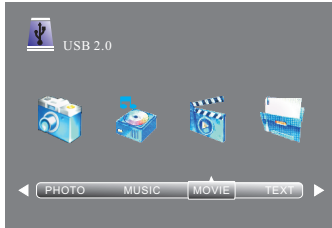
Please make sure that the USB device have plugged in the slot.There are four type media item can be selected, such as photo, music, Movie, and text. Select the type media item by pressing ◄ ► , press **OK** button to enter the disk selection menu.

1/1
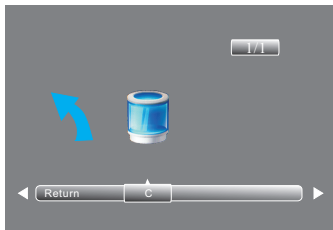
◄ Return   C ►

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.

1/1

Return

Movies

Resolution: 688x412
AudioTrack: 1/2
Subtitle: 1/1
Program: 1/5
Size: 511457 KBytes

Sample1.ts   Sample2.ts   Sample3.ts   Sample4.ts

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,music, Movie, or text type) is playing, press the **OK** or Info button can display the control bar.

00:00:33/00:04:22

Pause   FB   FF   Prev.   Next   Stop   RepeatALL   Set A

Press ◄ ► to select the function icon, press OK button to confirm the function.
Press ▼ or EXIT button to exit the control bar.
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.
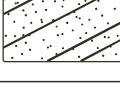
Sample1.ts	
Resolution: 720x576	
AudioTrack: ◄	1/2 ►
Subtitle:	1/1
Program:	1/6
Size:	30574 KBytes
Close	
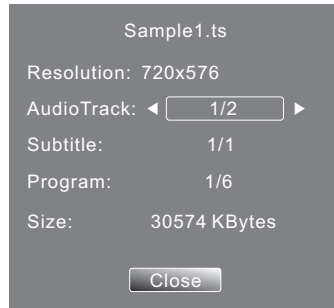
05 Trouble shooting

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

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 i**nteractive 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.

Specification

22" Full HD 1080P Digital LED LCD TV

Television picture quality:	Full HD Integrated digital. Screen Size: 55"cm Resolution 1920 x 1080 pixels 50Hz.
Connectivity:	2 HDMI sockets. 1 SCART socket. PC input socket. Component video socket. Composite. 1 USB port. 1 Headphone port. 1 SPDIF port.
Sound quality:	NICAM stereo sound system. 2 x 3 watts RMS power output.
Standby Power consumption	<0.5W
Digital features:	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.
Additional features:	UHF/VHF tuner. Sleep timer. Child lock. Picture and text. Remote control batteries required 2 x AAA (included). VESA Mount Size 100 x 100 mm Package Size (WxHxD): 616x426x135mm Set Size (WxHxD) with Stand: 518x363x160mm Set Size (WxHxD) without Stand: 518x322x50mm Package weight : 4.5 kg Set weight with stand: 3.3 kg Set weight without stand: 2.85 kg

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

Scart Output description :
1. When current source is ATV/AV/SCART, scart output signal is ATV.
2. When current source is DTV, scart output signal is DTV.
3. Other source have no scart output signal.

Specification

24" Full HD 1080P Digital LED LCD TV

Television picture quality:	Full HD Integrated digital. Screen Size: 60"cm Resolution 1920 x 1080 pixels 50Hz.
Connectivity:	2 HDMI sockets. 1 SCART socket. PC input socket. Component video socket. Composite. 1 USB port. 1 Headphone port. 1 SPDIF port.
Sound quality:	NICAM stereo sound system. 2 x 3 watts RMS power output.
Standby Power consumption	<0.5W
Digital features:	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.
Additional features:	UHF/VHF tuner. Sleep timer. Child lock. Picture and text. Remote control batteries required 2 x AAA (included). VESA Mount Size 100 x 100 mm Package Size (WxHxD): 650x440x135mm Set Size (WxHxD) with Stand: 562x388x160mm Set Size (WxHxD) without Stand: 562x347x50mm Package weight : 5.1 kg Set weight with stand: 3.9 kg Set weight without stand: 3.45 kg

05 Trouble shooting

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

Scart Output description :
1. When current source is ATV/AV/SCART, scart output signal is ATV.
2. When current source is DTV, scart output signal is DTV.
3. Other source have no scart output signal.

Specification

26" HD Ready Digital LED LCD TV

Television picture quality:	HD Ready Integrated digital. Screen Size: 66"cm Resolution 1366 x 768 pixels 50Hz.
Connectivity:	2 HDMI sockets. 1 SCART socket. PC input socket. Component video socket. Composite. 1 USB port. 1 Headphone port. 1 SPDIF port.
Sound quality:	NICAM stereo sound system. 2 x 3 watts RMS power output.
Standby Power consumption	<0.5W
Digital features:	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.
Additional features:	UHF/VHF tuner. Sleep timer. Child lock. Picture and text. Remote control batteries required 2 x AAA (included). VESA Mount Size 200 x 100 mm Package Size (WxHxD): 720x486x135mm Set Size (WxHxD) with Stand: 622x422x170mm Set Size (WxHxD) without Stand: 622x381x50mm Package weight : 6.7 kg Set weight with stand: 4.8 kg Set weight without stand: 4.15 kg

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

Scart Output description :
1. When current source is ATV/AV/SCART, scart output signal is ATV.
2. When current source is DTV, scart output signal is DTV.
3. Other source have no scart output signal.

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