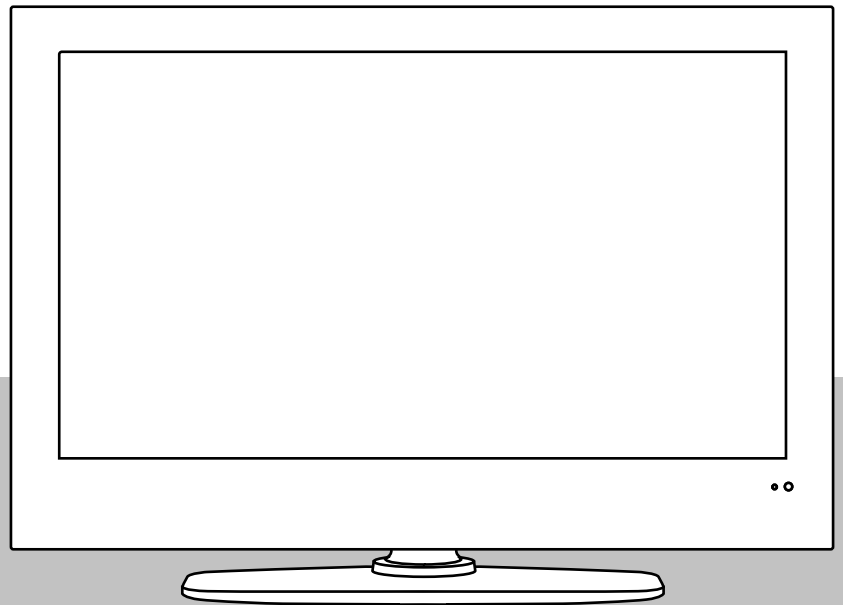

23.6" Wide screen LCD TV with DVB

Model No.: NT24100DVB



Read all of the instructions before using this TV and keep the instruction manual in a safe place for future reference.

LCD Screen

Although the LCD screen is made with high-precision technology and 99.99% or more of the pixels are effective, black dots may appear or bright points of light (red, blue or green) may appear constantly on the LCD screen and is not a malfunction.

Safety Precautions

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Getting Started

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Caution



The lightning flash with arrowhead symbol inside an equilateral triangle is intended to alert the user to the presence of un-insulated "dangerous voltage" within the products enclosure that may be of sufficient magnitude to constitute a risk of electric shock to the persons.



The exclamation point inside an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

Correct disposal of this Product



"Correct Disposal of Product"

This sign indicates that this product may not be disposed of with your regular household waste. The recycling and separate collection of such products is your responsibility. Please drop off the above-mentioned waste at a designated place for recycling waste electrical and electronic equipment. If you do not know where to drop off your waste equipment for recycling, please contact your local city office or household waste collection service.



This appliance complies with European Safety and Electrical directives

Caution: Suffocation Notice !!

Packaging materials are not toys, please keep away from children. Plastic bags can cause suffocation when pulled over the head.

Safety Information

To ensure reliable and safe operation of this equipment, please read carefully all of the instructions in this user guide, especially the safety information below.

Electrical safety

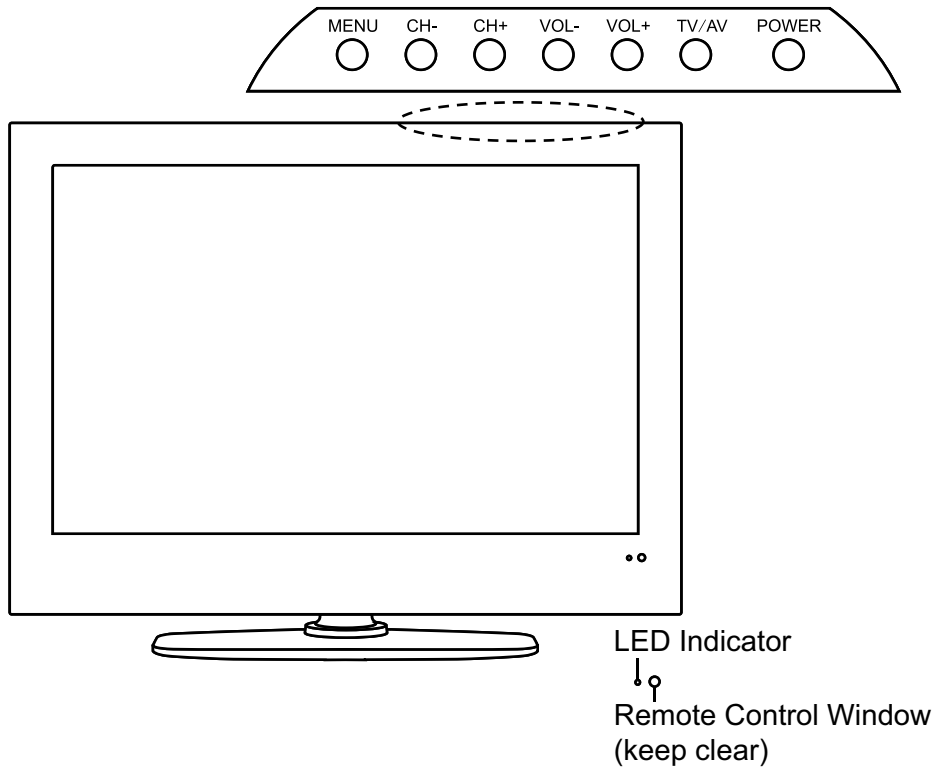
- The TV set should only be connected to a mains supply which matches that stated on the label on the rear of the TV.
- To prevent overload, do not share the same mains supply socket with too many other items of equipment.
 - Do not place any connecting wires where they may be stepped on or tripped over.
 - Do not place heavy items, which may damage the cables, on them.
 - Hold the Mains plug, not the cable, when removing from a socket.
 - During a thunderstorm or while leaving the TV for long periods, disconnect the aerial (if outdoor) and the plug from the mains supply socket.
 - Do not allow water or moisture to enter the TV. Do NOT use the TV in wet or moist areas such as Bathrooms, steamy kitchens or near swimming pools.
- Pull the plug out immediately, and seek professional help if:
 - the mains plug or cable is damaged
 - liquid is spilt onto the set, or if it is accidentally exposed to water or moisture
 - anything accidentally penetrates the ventilation slots
 - the set doesn't work normally.
 - Do NOT remove the safety covers. There are no user serviceable parts inside. You may invalidate the warranty. Qualified personnel must only service this apparatus.
 - To avoid battery leakage, remove exhausted batteries from the remote control handset, or when not using for a long period.
 - Do NOT break open or throw exhausted batteries on a fire.

Physical safety

- Do NOT block ventilation slots in the back cover. You may place the TV in a cabinet, but ensure at least 5cm (2") clearance all around.
- Do NOT tap or shake the TV screen, you may damage the internal circuits. Take good care of the remote control, do not drop.
- To clean the TV use a soft dry cloth. Do NOT use solvents or petrol based fluids. For stubborn stains, you may use a damp soft cloth with diluted detergent.

Names of each part

Front View



Accessories



Remote Control



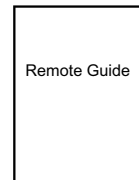
Power cable



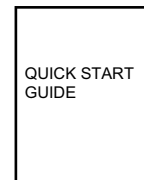
Mains adaptor



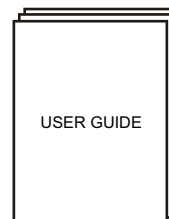
Batteries for Remote Control



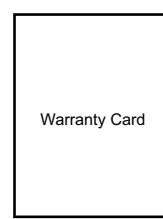
Remote Guide



Quick Start Guide

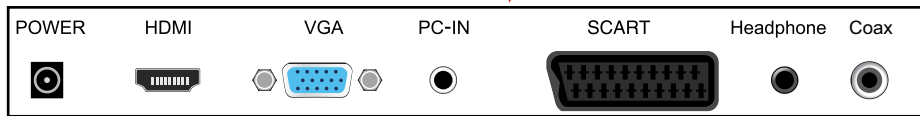
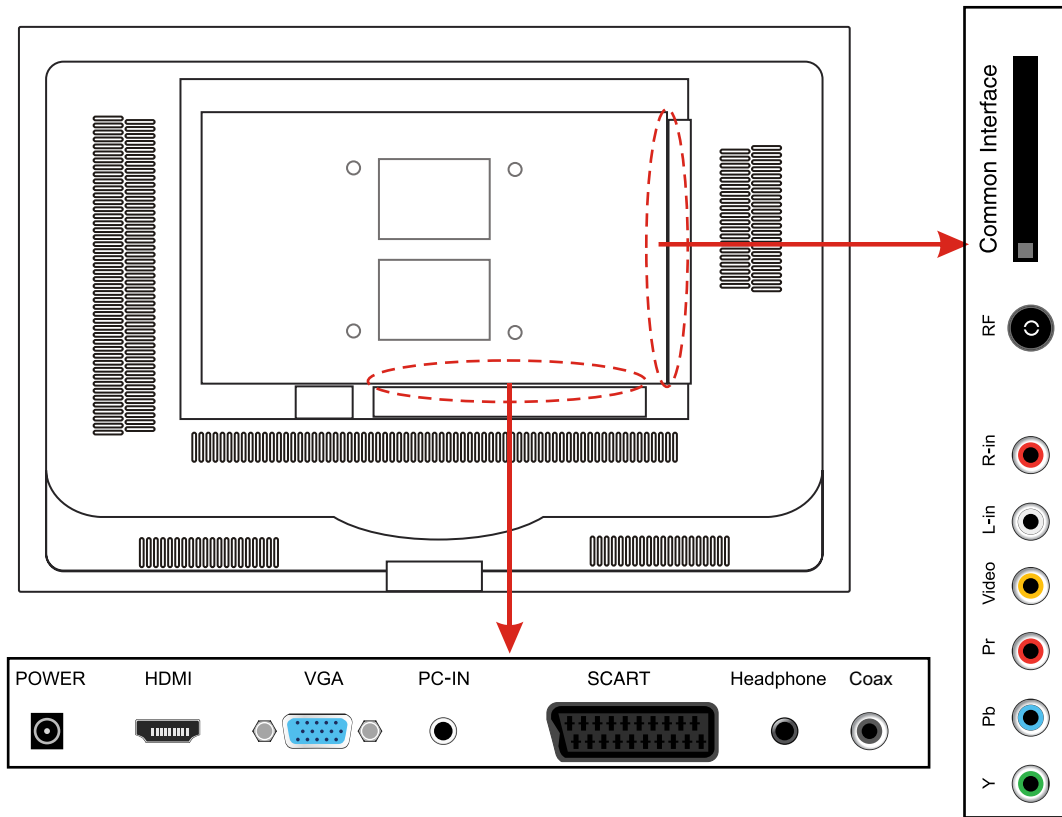


User Guide



Warranty Card

Warranty Card



Name	Function Description
POWER	Connect to mains adaptor
HDMI	Connect to the HDMI socket of your DVD or Satellite Box
VGA	Connect to the PC VGA output to display PC graphics
PC-IN	PC audio input
SCART	Connect to the scart input / output of external equipment
Headphone	Connect headphone
COAX	Output to Audio amplifier
YPbPr	Connect to the YPbPr output on external equipment.
VIDEO	Connect to the Video output of external equipment
(AUDIO)L/R IN	Audio signal input for AV
RF	Connect to Aerial, Tuner input 75 Ohm Coaxial Socket.
Common Interface	CI slot(Pay as you view card slot)

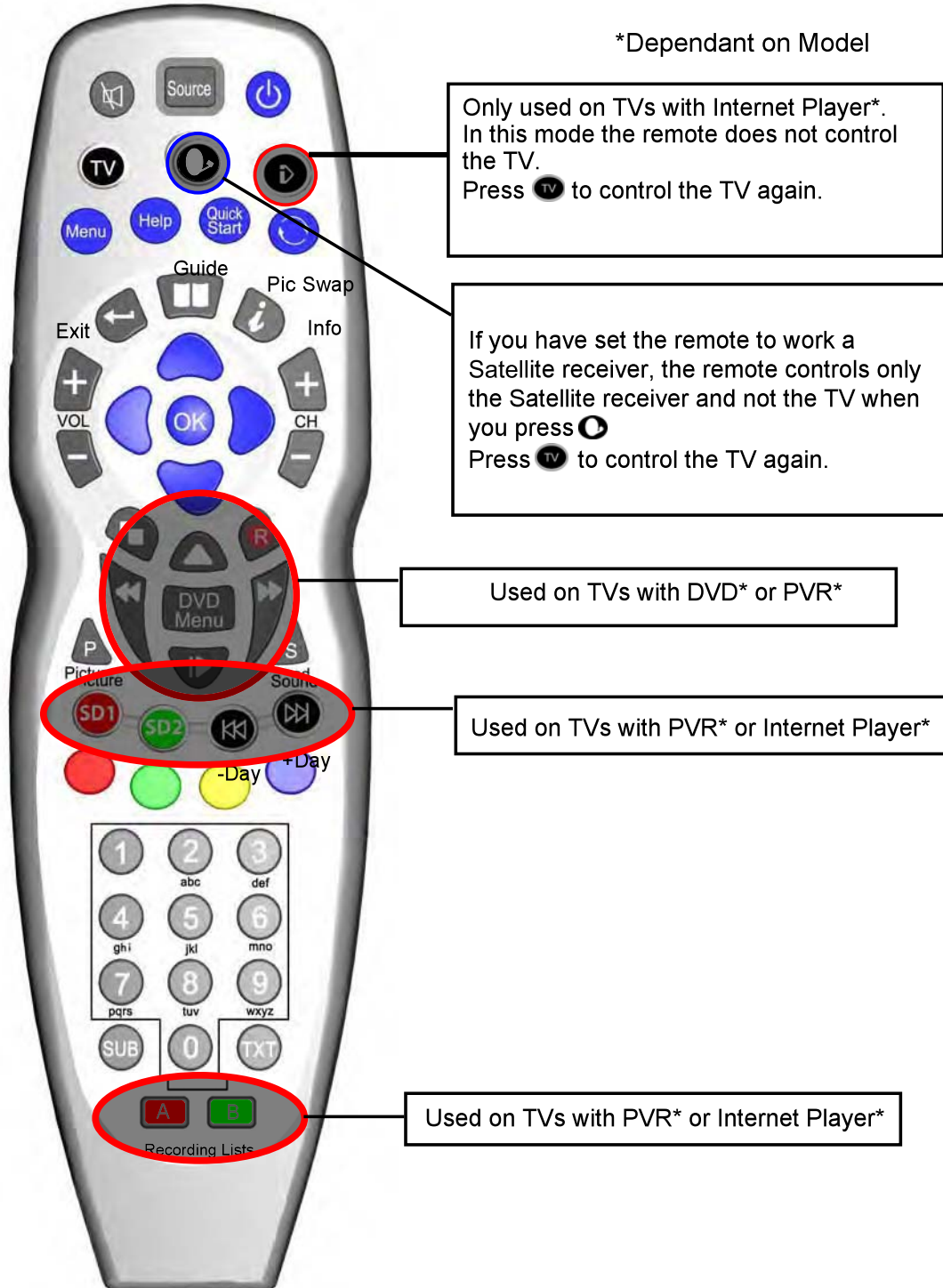
Wall Mounting

The TV is provided with mounting holes for a VESA 100mm approved wall mounting bracket (NOT SUPPLIED). Remove the screws holding the base to the base bracket and lift the base away (do not remove the base mounting bracket). Mount the VESA bracket using 4 x M4x 10 Iso metric threaded screws (not supplied). Do not use screws longer than 10 mm, damage will occur to the internal parts. Fit the wall bracket securely following the manufacturers instructions.

Remote Control

● Functions of remote control buttons

Dependant on the model of the TV some keys will have no function



Dependant on the Model of the TV some keys will have no function

Remote Control

*Dependant on Model

Menu

- Picture settings
- TSound settings
- Function settings
- PVR*
- Tuning
- Language
- Setup
- DVD setup*
- General setup
- Reset
- Help

Source Menu

- TV (Analogue)
- DTV (Freeview)
- SD1 (red card)*
- SD2 (green card)*
- AV
- Scart 1
- Scart 2*
- S-Video*
- HDMI 1
- HDMI 2*
- YprPb
- DVD*
- Iplayer*
- PC

Help

This displays a page that gives telephone numbers for service. Press to enter, press again to exit.

Quick Start

Searches all ATV and DTV channels by a single key (can take up to 10 Mins).

Info-Taste

In DTV mode shows Now / Next.
2nd Press
 Extended programme Info.
Whilst Recording*
 Shows details of the recording and space available on the card.

DVD Eject *

Fast forward - DVD*&SD1*, SD2*

DVD Disc Menu *

Sound - changes the sound*

Next - DVD*, iPlayer*, PVR*

Previous- DVD*, iPlayer*, PVR*

Soft Keys

The action they perform is shown on the menu and changes for each menu .

Teletext / MHEG5
 (You can not record this)

A*
 Displays the red recording list.
 (The programmes you have booked to be recorded).

B*
 Displays the green recording list.
 (The programmes you have booked to be recorded).

Back
 Exit from any Menu

Guide(DTV)
 Press to enter, press again to exit.

Stop
 For DVD*, iPlayer*, SD1*and SD2*.

Reverse - DVD*&SD1*, SD2*

Picture Mode

Pause/Play
 DVD*, iPlayer*, SD1* und SD2*

Display the Playback list on SD1* (red card)

Display the Playback list on SD2* (green card)

Subtitles
 DVD*and DTV mode only.

Dependant on the model of TV some keys will have no function

*Dependant on Model

Remote Control




TV This button puts the Remote in TV control mode


Sat This button puts the Remote in a Multi Satellite control mode
* A number of modes are available. See below for details


Internet Player This button puts the Remote into an Internet Player mode
*This is only used on some TVs and Digital Boxes


To Set the Multi-Satellite Mode button


The Sat button  is programmable in the remote and can be set as follows:

To set the button if you have no Satellite Receiver:
Press  and at the same time press 0

If you have a Satellite Receiver with Recorder (Known as "Plus" type)
Press  and at the same time press 1

If you have a Satellite Receiver with High Definition (Known as "HD" type)
Press  and at the same time press 2

If you have a normal Digital Satellite Receiver (Known as "Digital" type)
Press  and at the same time press 3

If you want to use this button to switch on the DVD Player *
Press  and at the same time press 4
* DVD Player only fitted on certain models.

- | | |
|---|-----------------------|
|  | + 0 ~ NO SAT RECEIVER |
|  | + 1 ~ SAT + |
|  | + 2 ~ SAT HD |
|  | + 3 ~ SAT DIGITAL |

Powering the LCD TV

Power On / Off the LCD TV



To turn on the LCD TV


Press the power button on the LCD TV or the  button on the remote control, the standby indicator will light green.

To turn off the LCD TV

Press the power button on the LCD TV or the  button on the remote control, the standby indicator will light red.

When you initially turn on the LCD TV you will see the first time installation menu as below:

Ensure that the aerial is plugged in to the TV, Make sure your Remote is in TV mode (by pressing  button), switch on the TV by pressing  . You will see the first time installation menu.


Press the  button on the remote control to start the tuning procedure. This process will find all available ATV and DTV channels and store them.


By pressing the Quick Start button the first time installation can be recalled at any time.




Selecting Input Source

You can select the input source menu by pressing the Source button on the remote control or the TV / AV button on the LCD TV.

Press  button on the remote control.

Use  to move to the desired input source

Press  to select.



Operating the Menu

1. Turn the LCD TV on
2. Press the MENU button on the Remote Control.
3. Use the ◀ and ▶ buttons to navigate through the menu.
4. Press the EXIT button to exit the Menu.

TV SETTINGS MENU

Allows you to search channels and set up a variety of channel options.
(Select TV source)



PICTURE MENU:

Allows you to make adjustments to your picture settings.
(select TV source for example)



SOUND MENU:

Allows you to customize the sound options and effects.
(Select TV source for example)



SETUP MENU:

Allows you to setup a variety of setup options.
(Select TV source)



EXTRAS MENU:

Allows you to set up a variety of lock/time and setup options.
(Select TV source)



Note: Use the left right up down navigation buttons to select the required options in the menus.

Customizing the TV Settings

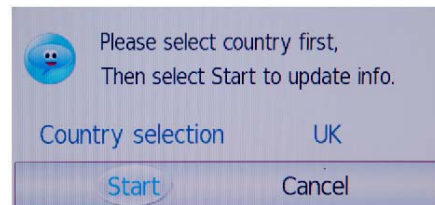


Use the ◀ and ▶ buttons to select the **TV SETTINGS** menu(as the picture above), press ▼ button to enter the menu.

The TV SETTINGS menu includes the following options :

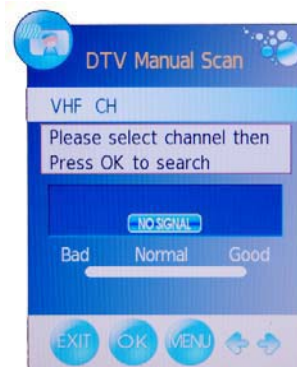
Auto Scan

Press ◀ and ▶ buttons to select the Country, and press ▼ and ▲ buttons to select "Start", and press OK button to start auto tuning.



DTV Manual Scan

Press ▶ button to enter the submenu.
Press ◀ or ▶ button to select a channel and press OK button to start search.



Customizing the TV Settings

ATV Manual Tuning

Press ► button to enter the submenu.

Storage To

Select a position to store the program.

Current CH

Select a program you want to tune.

Search

Press ◀ and ▶ buttons to manual search.

Fine-Tune

Press ◀ and ▶ buttons to fine-tune.

Skip

Select "Yes" to skip the program when you scan the programs by CH+/-

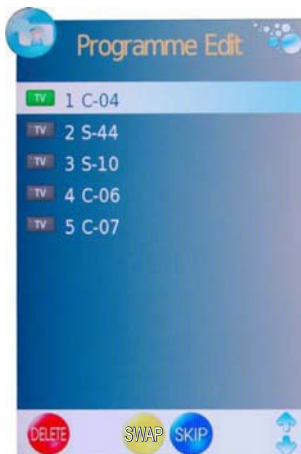
Frequency

Display the current channel's frequency.

Press RED button to save all the setups you have changed.



Program Edit: Press ► button to enter the submenu as the following picture.



Delete: Select a channel and press the red button on the remote control, Delete will appear on the right of the program edit menu next to the channel you have chosen. Press the red button again to confirm the delete, the channel will be deleted. However if you decide not to continue to delete press the menu button to quit.

SWAP: Select a program, and press YELLOW button, then you can use ▼ and ▲ buttons to change the position of the program, press YELLOW again to confirm the change. Press menu to exit and it will automatically save the current set.

Skip: Select a channel and press the blue button to label the channel, as long as the channel has a skip label it will be skipped when searching through the channels with the CH+/- buttons.

Note: The function SWAP can not be used in DTV mode.

CI Information

Please contact your "pay per view" provider who can supply a viewing card and cam unit with instructions for their use.



Customizing the PICTURE Settings



Use the ◀ and ▶ buttons to select the **PICTURE** menu (as the picture above), press ▼ button to enter the menu.

The PICTURE menu includes the following options :

Picture Mode	Choose from Standard, Dynamic, User and Mild.
Note: Contrast, Brightness and Colour are only available and can be adjusted in the User mode option in the Picture Mode Settings.	
Contrast	Controls the difference between the brightest and darkest regions of the picture.
Brightness	Controls the overall brightness of the picture
Colour	Control the colour.
Sharpness	Increase this setting to see crisp edges in the picture; decrease it for soft edges .
Tint	Controls the tint (NTSC mode only).
Colour Temperature	Choose from Standard, Cool, User and Warm.
Note: Red, Green and Blue are only available in PC, VGA mode when in Colour Temperature Mode.	
Aspect Ratio	Choose from Auto, 4:3, 16:9, Zoom1 and Zoom2.
Noise Reduction	Reduce any interference noise by selecting "ON".

Customizing the SOUND Settings

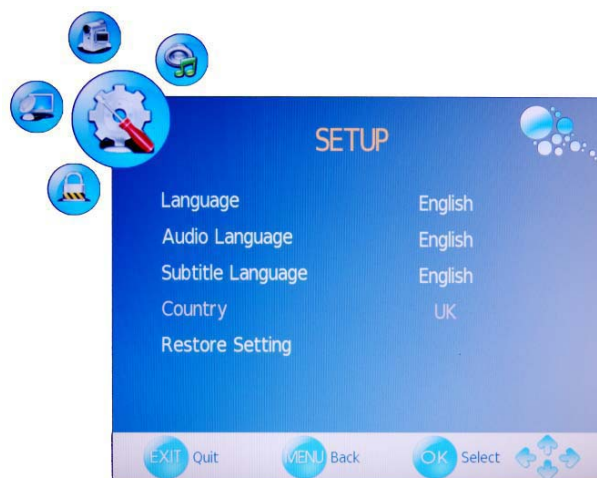


Use the ◀ and ▶ buttons to select the **SOUND** menu(as the picture above), press ▼ button to enter the menu.

The SOUND menu includes the following options :

Sound Mode	Allows you to select among: Standard, Music, Movie, Sports and User.
Treble (Can be adjusted when the sound mode is set to User)	Controls the relative intensity of higher pitched sounds.
Bass (Can be adjusted when the sound mode is set to User)	Controls the relative intensity of lower pitched sounds.
Balance	To adjust the balance of the left and right sound track, or turn off the volume of the left and right sound track.
Auto Volume	Control the volume of the program automatically when you turn on the function by selecting "On".
Surround Sound	Turn on/off the surround sound function by selecting "off"/"surround".

Customizing the SETUP Settings



Use the ◀ and ▶ buttons to select the **OPTION** menu (as the picture above), press ▼ button to enter the menu.

The SETUP menu includes the following options:

Language	Allows you to select menu language.
Audio Language (can be selected in tv mode)	Allows you to select audio language.
Subtitle Language (can be selected in tv mode)	Allows you to select subtitle language.
Country	Defaulted to UK.
Reset Setting	Press ▶ button to restore factory default.

Customizing the EXTRAS Settings



Use the ◀ and ▶ buttons to select the **EXTRAS** menu(as the picture above), press ▼ button to enter the menu.

The EXTRAS menu includes the following options :

Set Password	Set pin code. The default is 0000. If the Pin code has been changed you must enter the present code. New : Enter the new password. Confirm: Enter the new password and press OK to complete the change.
Child Lock	Lock the channel, you have to enter the code to view the channel. Use ▲/▼ button to select the channel, and press the green button on the remote control to set, and there will be a "🔒" on the channel, press the green button again to cancel.
Sleep Timer	Allows you to setup the sleep timer among: 10min, 20min, 30min, 60min, 90min,120min, 180min, 240min and off.

First Time Installation

* Please ensure that the aerial is connected to the connector labelled "RF" on the rear of the TV. Press "OK" to start the tuning process.

* You can select "Language"(OSD display language), When you have selected, press ◀/▶ buttons to select "OK".



PC Setup(only in VGA mode)

Press ▶ button to enter the submenu to adjust the picture of the screen.



Trouble shooting

- Do not use other functions that are not mentioned in this user's manual.
- In case a problem occurs with your LCD TV, please take the following steps first.
- If you still have the problem, turn the power off and contact your dealer or an authorized service center.

Problem	Action
No power to TV.	Check all connections.
The screen appears too slowly after the power is turned on.	This problem occurs for a brief time in the process of image elimination processing in order to hide temporary screen noise that occurs when the power is turned on. But if the screen does not come after 1 minute contact your dealer or an authorized service center.
Screen is too bright or too dark.	Perform brightness adjustment or Contrast adjustment.
Screen is too large or too small.	Adjust the screen size.
Stripes appear on the screen and it shakes.	Maybe due to interference from mobile phones, hairdryers or electric drills
Blocky image or image stops intermittently	Check all aerial connections. Try using aerial booster.
Screen appears, Voice is not heard	<ol style="list-style-type: none"> 1. Press the "MUTE" button. 2. Increase the sound level by pressing volume adjustment button. 3. Check if sound terminal of external input is connected properly. 4. Check if audio cables are connected properly. 5. Select and check the other input. <p>If the sound still does not work and the other channels are the same after you have done as the above, contact your dealer or an authorized service center.</p>
Remote control does not work	<ol style="list-style-type: none"> 1. Check if main power is On. 2. Check that the batteries of the remote controller were loaded properly. 3. Check to see if any obstacle exists between the LCD TV and the remote control, then remove it, if any. 4. If the batteries have no power, replace them with two new batteries. 5. Ensure the remote control is in TV mode by pressing the TV button.

This LCD TV is for household use and registered as harmless on electromagnetic waves. Therefore, you can use it in every location as well as residential areas.

TV

TV System	PAL/SECAM, BG/DK/I
Screen size	23.6"(diagonal)
Resolution	1920x1080 pixels
Aerial input	75 Ω (unbalanced)
Audio output power	2x3 W
Power Consumption	DC 12V 5A 60W
Weight	4.85 Kg

Remote control

Type	infrared
Control distance	5m
Control angle	30° (horizontal)
Batteries	2 x 1.5 V, size AA
Dimensions	60 x 204 x 32mm
Weight	140 g (without battery)

