

Table of Contents

Before Getting Started	1
Operating Safety	1
Connecting	2
Power Supply	2
Point of use.....	2
Additional Safety Instructions	3
Precautions	3
Introduction	4
Box Contents	4
Further Features	5
Overview of the TV - Indicator.....	6
Overview of the TV – Function Keys	7
Overview of the TV – Connections.....	8
Overview of the Remote Control	9
Setting Up	11
Connections	11
Connecting Video devices via AV cables	11
Connecting a Video device via HDMI - HDMI	12
Connecting a PC via DVI - DVI	13
Connecting a PC via VGA cable	14
Watching TV	15
Turning the LCD TV On and Off.....	15
Initial switch on the TV	17
Buttons	18
Switching TV / DTV / PC/HD / VIDEO / SCART Modes	18
Volume Control	19
Setting the Sleep Timer	19
ARC - Aspect Ratio Control	20
APC - Automatic Picture Control	20
Picture in Picture (PIP)	21
NICAM/IGR Broadcast Selection	22
General Controls & Adjustment	23
Viewing the On-Screen Display (OSD)	23
How to control the OSD.....	24
Picture Setting	25

English

Français

Italiano

Deutsch

Español

Nederlands

Sound Setting	26
Service (Analogue TV)	28
Service Management (Analogue TV)	29
Rename.....	29
Service (Digital TV).....	30
DTV Recording Setting (Digital TV)	31
DTV Service Scan (Digital TV).....	32
DTV Setup (Digital TV)	33
New Service Alert (Digital TV)	34
Viewing the Banner (Digital TV).....	35
EPG (Electronic Programme Guide) (Digital TV).....	36
Reset.....	37
Preference Setting	38
Child Lock.....	39
On Timer	40
PC / SCART Setting.....	41
Information.....	42
TELETEXT	43
TELETEXT Operation.....	43
TELETEXT Page Selection	43
Useful features for TELETEXT	44
Troubleshooting	46
Safety and Regulatory Information	49
Repair	49
Notes for Service Engineers.....	49
Environmental conditions	49
PC Input Preset Timing Table	50
Specifications	51

Before Getting Started

Please read through this section carefully and follow the instructions to maximize the reliable operation and lifetime of your LCD display. Always keep these instructions handy and close by your LCD display. Keep the instructions and the packaging so that if you sell or give away your LCD display you can give them to the new owner.

Conventions used in this manual



WARNING

Information to prevent injury to yourself when trying to complete a task.



CAUTION

Information to prevent damage to the components when trying to complete a task.

Operating Safety

- **Never open the housing** of the LCD display /power supply! When the housing is open there is a **danger of injury** from electric shock!
- Do not insert **any objects** through the slots and openings of the monitor. This may lead to an electrical short-circuit or even fire resulting in damage to your LCD display.
- Slots and openings in the LCD display are for ventilation purposes. **Do not cover these openings**, as this may lead to overheating.
- Do not allow **children** to play **unattended** with electrical equipment. Children may not always correctly recognize danger.
- This LCD display is intended for personal use only. It is **not** intended for commercial use in a **heavy industry environment**.
- An **injury hazard** exists if the **display breaks**. Wear protective gloves to pack the broken parts and send them to your service centre for proper **disposal**. Then wash your hands with soap, because it is possible for **chemicals** to escape.
- Never exert pressure on the display. This could break the monitor.
- Do not touch the display with your fingers or with sharp objects to avoid damage.

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Contact the Call Centre immediately in any of the following situations. Do NOT plug in or turn on your display:

- If the power cable/power supply overheats or is damaged
- If liquid has got into the monitor
- If the LCD display is dropped or the housing damaged

Connecting

Observe the following instructions to connect your LCD display properly:

Power Supply



- Do not open the power supply housing. An open housing presents a lethal hazard from electrical shock. There are no parts inside to be cleaned or serviced.
- Operate your LCD display only with grounded outlets with **AC 100-240V/ 50-60 Hz**. If you are not sure about the power supply at your location, check with your power company.
- Use only the power supply and power connection cable **provided**.
- For additional safety we recommend use of **a surge protector** to protect your LCD display from damage resulting from **voltage surges** or **lightning**.
- To remove the LCD display from the power supply, disconnect the plug from the AC outlet.
- The power **outlet** must be in the vicinity of your LCD display and within reach of the power cables. **DO NOT stretch the power cables tightly to reach a power outlet**.
- You should arrange the LCD display cables in a manner so that no one can trip over or step on them.
- To avoid damage to cable **do not place any objects or furniture on the cable**.

Point of use

- Keep your LCD display and all units connected to it away from **moisture** and avoid **dust, heat** and **direct sunlight**. Failure to observe these instructions can lead to malfunctions or damage to the LCD display.
- Place and operate all units on **a stable, level** and **vibration-free surface** in order to avoid the LCD display from falling.

Additional Safety Instructions

When using any electronic equipment, basic safety precautions should always be taken. Following the guidelines below can reduce the risk of fire, electric shock and injury to person:

- Do not use this product near water (e.g., near a bathtub, wash bowl, kitchen sink or laundry tub, in a wet basement or near a swimming pool).
- Avoid using a telephone/modem (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.
- Do not use the telephone/modem to report a gas leak in the vicinity of the leak.
- Use only the power cord indicated in this manual. Do not dispose of batteries in a fire. They may explode. Check with local codes for possible special disposal instructions.
- Keep batteries away from children at all times.

Precautions



- There are no parts which can be serviced or cleaned inside of the TV display housing.

You can increase the life of your LCD display by taking the following precautions:

- Before cleaning **always disconnect the power line** and all connection cables.
- Do **not use any solvents**, caustic or gaseous cleaning agents.
- Clean the display with a soft, lint-free cloth.
- Ensure that no water droplets remain on the screen. Water can cause **permanent discoloration**.
- Do not expose the screen to **bright sunlight** or **ultraviolet radiation**.

Information on Disposal of Waste Electrical and Electronic Equipment



This symbol on the product or in the instructions means that your electrical and electronic equipment should be disposed at the end of its life cycle separately from your household waste. There are separate collection systems for recycling in the EU. For more information, please contact the local authority or your retailer where you purchased the product.

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Introduction

Thank you for purchasing our LCD Multi-display. We thank you for your confidence in our products and are pleased to greet you as a new customer.

We focused on great features, ease of use and reliability in manufacturing your LCD display.

Service

Your display comes with a one-year warranty; this is in addition to your statutory rights. This manual contains a separate chapter on Troubleshooting on page 46.

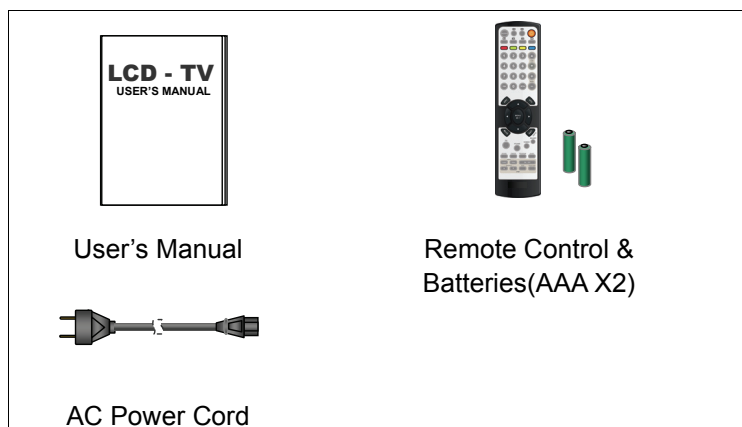
Performance Characteristics

Advantages in relation to CRT (cathode ray tube) displays:

- Less space required
- Lighter weight
- Lower power consumption

Box Contents

Please check that you have received the following items with your LCD unit.



NOTE:

Power cord is variable according to different regions.

Further Features

- Multi-sources input included RF IN, D-SUB, DVI, HDMI, SCART 1, SCART 2, COMPONENT, and CVBS, S-VIDEO.
- Easy-to-use remote control and OSD (On-Screen Display) menu.
- Experience PIP (Picture in Picture) and Split Screen.
- ARC (Aspect Ratio Control) include Auto image, 4:3, 16:9, 14:9, Panorama, Zoom.
- APC (Automatic Picture Control) settings include Normal, Cinema, and Dynamic.
- A.P.S. (Auto Programming System) for automatic TV channel tuning.
- TELETEXT function is available.
- Child lock function is available.
- Built-in dual channel speakers.
- Built-in NICAM/IGR sound decoder for stereo and bilingual listening.
- Automatic sleep timer control from 10 to 120 minutes in 10-minute increments.
- Provided component video input for high definition TV program, resolution up to 720p, 1080i.
- OAD (Over Air Download) function is available. (the function is optional for Digital TV models)
- Provided 7 days EPG (Electric Program Guide) function is available. (the function is optional for Digital TV models)
- CAM (Common Access Module) function is available. (the function is optional for Digital TV models)
- MHEG-5 ready (the function is optional for Digital TV models)
- Provided SRS WOW, BBE professional sound. (the function is optional)

NOTE:

- WOW technology is incorporated under license from SRS Labs, Inc.



-  is a trademark of SRS Labs, Inc.

- WOW, SRS and  symbol are trademarks of SRS Labs, Inc.
-

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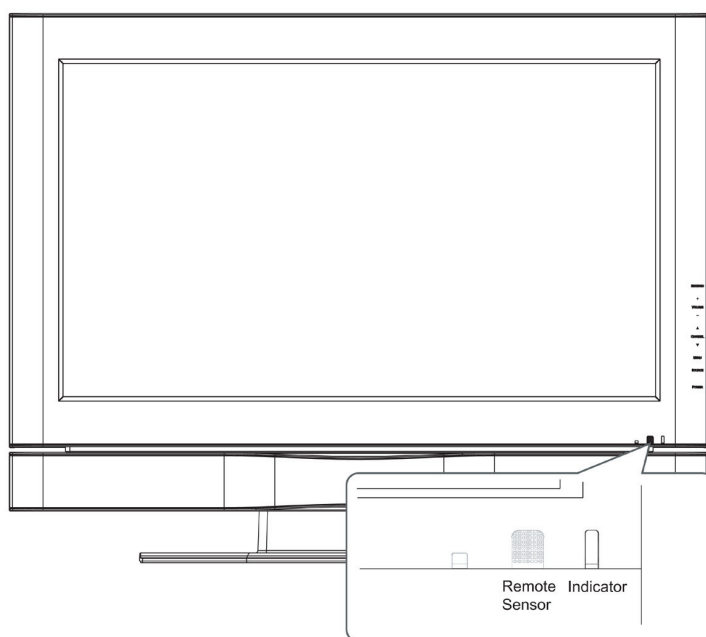
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Overview of the TV - Indicator



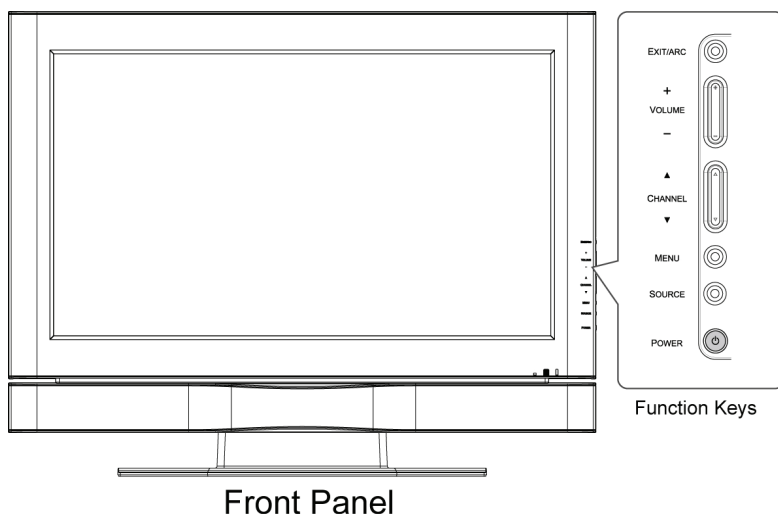
Indicator Indicator Lighting Status:

No power input	Off
Power off	Red
Power on (TV / Video / PC mode)	Green
Standby (PC mode only)	Amber

A green indicator lights when the power is on and an amber indicator lights when in the standby mode. A red indicator lights when the power is off.

Remote sensor window

Overview of the TV – Function Keys



Function Keys (on the display panel) :

ARC / EXIT	- Select the TV display mode to switch Auto Image / Panorama / 16:9 / 14:9 / 4:3 / Zoom. - When in OSD* menu, press ARC / EXIT to close the OSD menu
- VOLUME +	Turn up or turn down the volume.
▼ CHANNEL ▲	Change channels.
MENU	- Display the OSD main menu. - Return to previous menu when in OSD menu.
SOURCE	- Select input source VGA / HDMI / DVI / CVBS / S-VIDEO / TV / DTV / SCART1 / SCART2 / SCART2S/YUV. - When OSD MENU is invoked, it will function as the "OK" key to setup a function or enter a sub-menu.
POWER	Turn on or turn off the TV.

NOTE:

Function Keys: These buttons control your TV's basic features, including the on-screen display (OSD see page 23). To use the more advanced features, you must use the remote control.

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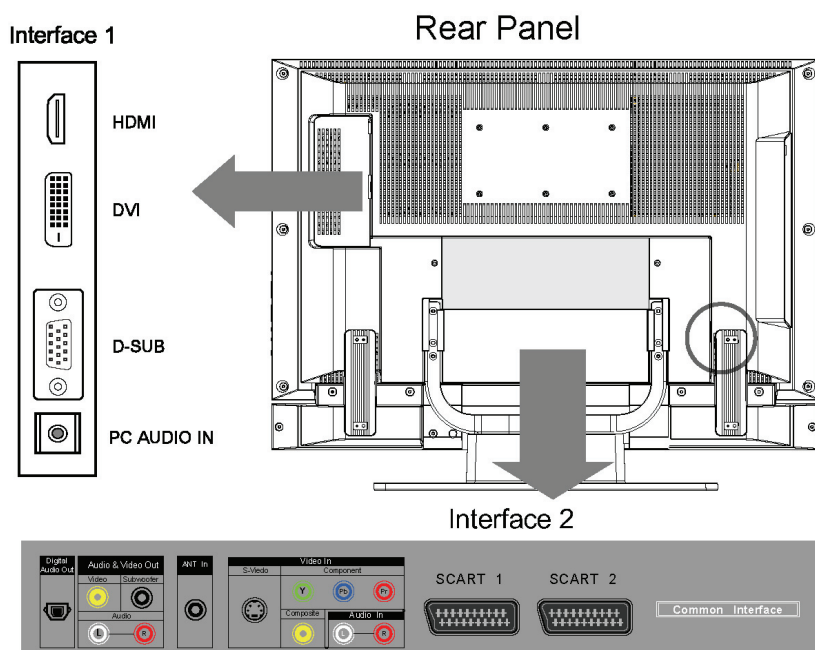
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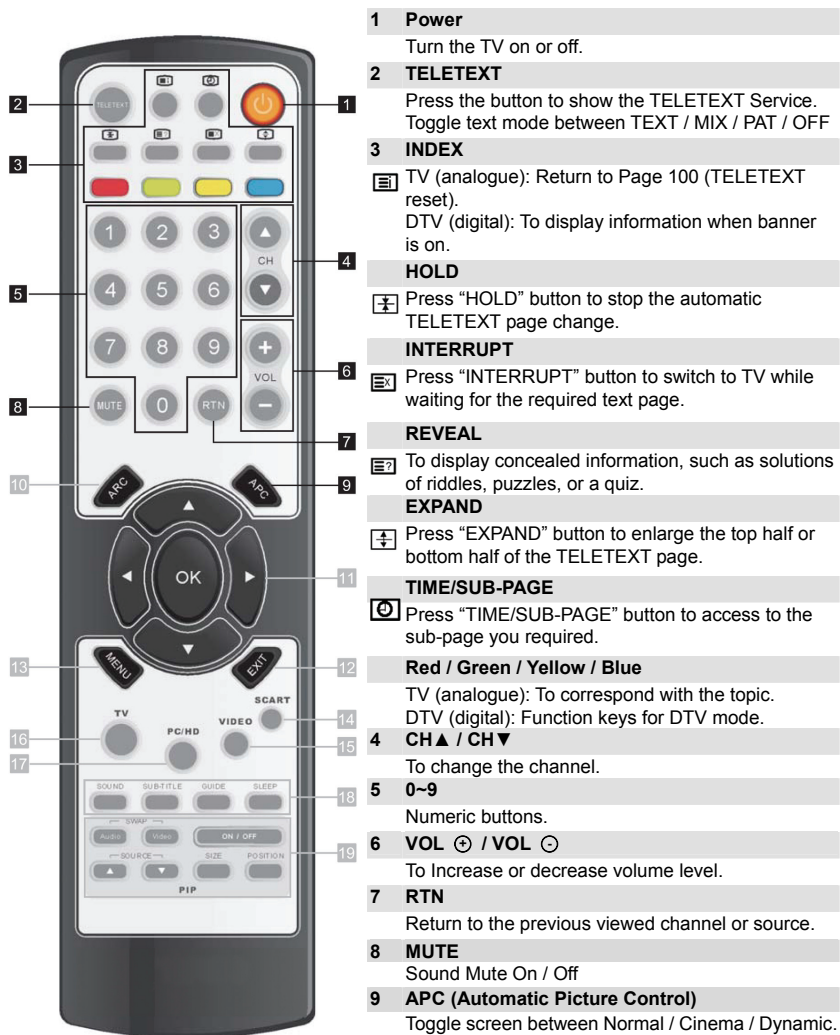
Overview of the TV – Connections



NOTE:

Audio out L/R: The level of audio output cannot be changed using the volume control on your display. This connector should be used with an external audio amplifier that can be used to control the volume.

Overview of the Remote Control



English

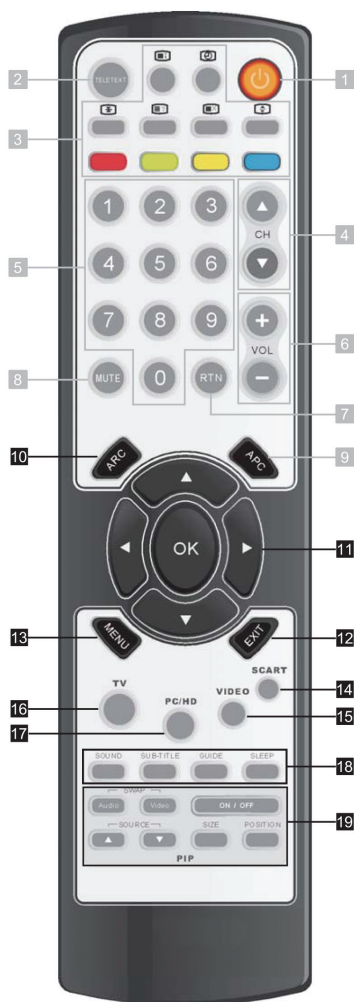
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Deutsch

Español

Nederlands



10 ARC (Aspect Ratio Control)

In PC mode, to toggle the picture mode between 16:9 / 4:3.

In Video mode, to toggle the picture mode between Auto Image / Panorama / 16:9 / 14:9 / 4:3 / Zoom

11 OK

In OSD screen, to set up a function or enter a sub-menu.

DTV (digital): Confirmation.

▲ / ► / ▼ / ◀

In OSD screen or DTV (digital): to access menu items.

12 EXIT

In OSD screen, to exit a menu or sub-menu.

13 MENU

Display the On-Screen Display (OSD) menu or return to a layer of menu.

14 SCART

Switch to SCART1 / SCART2 / SCART2 S mode.

15 VIDEO

Switch to CVBS / S-VIDEO / YUV mode.

16 TV

Select the TV / DTV mode.

17 PC/HD

Switch to VGA / DVI / HDMI mode.

18 SLEEP

Select a pre-set timer for automatic power down.

SUB-TITLE

TV (analogue): to show information.

DTV (digital): toggle SUBTITEL On/Off

GUIDE

TV (analogue): the button is navigator.

DTV (digital): to display 7 day EPG.

SOUND

Select sound modes (according to different TV broadcasts).

19 PIP ON/OFF

Enable or disable PIP viewing window.

Toggle PIP mode between PIP / OFF

POSITION

Move the PIP sub-picture position.

SIZE

Toggle the PIP sub-picture size between: Small / Middle / Large

Audio/Video Swap

Toggle audio/video source between the primary window and the PIP sub-window.

SOURCE ▲ / ▼

Select PIP input source: HDMI / TV / DTV / SCART1 / SCART2 / SCART2 S / CVBS / YUV / S-VIDEO

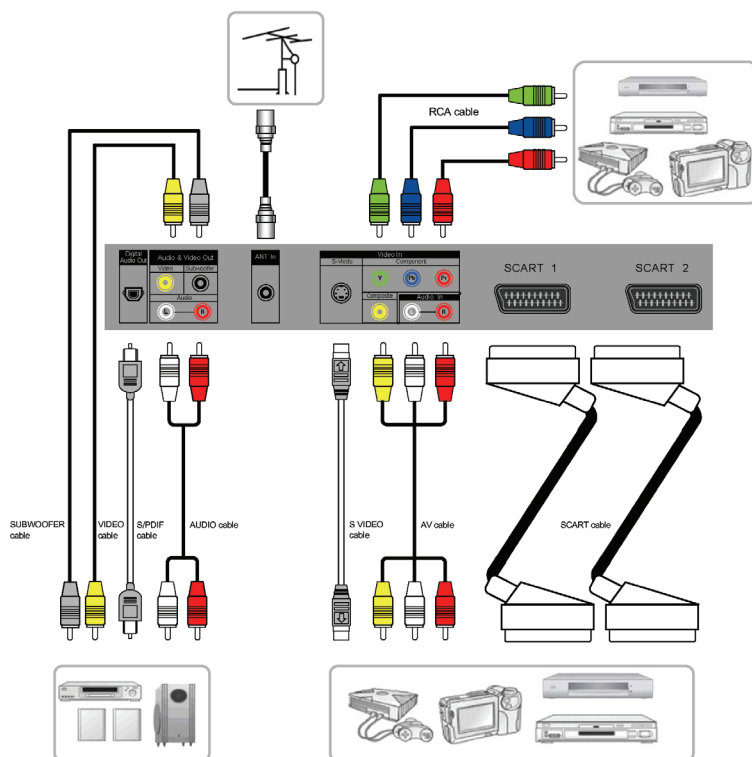
Setting Up

Connections

Connecting Video devices via AV cables

This TV accepts different Video Inputs. Connecting to device connectors with better video quality will bring you better viewing enjoyment. The video quality sequence from the best to a normal one would be Component, SCART, S-VIDEO, and CVBS.

Interface 2



NOTE:

ANT IN: Antenna In

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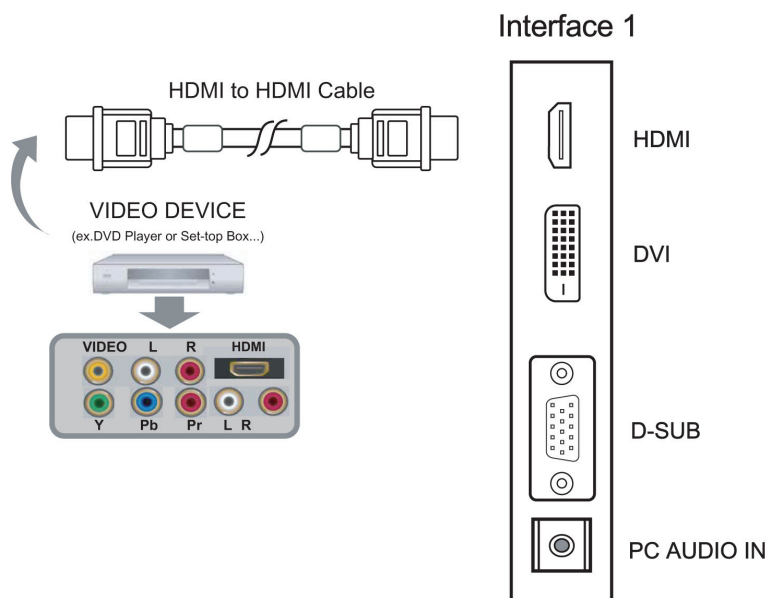
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Connecting a Video device via HDMI - HDMI

This can be applied only if there is an HDMI Output connector on the external device.

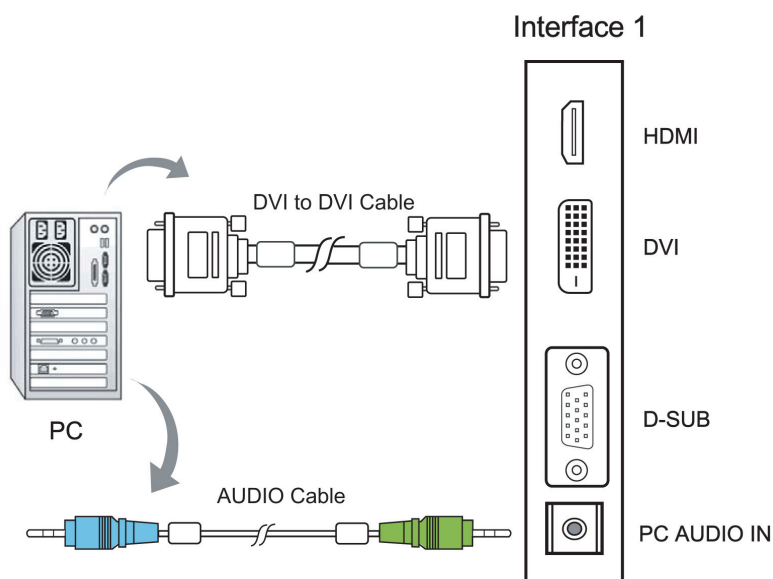


NOTE:

- **Video Devices** ex: DVD Player, Set-top Box, Game Box...etc.
 - **HDMI:** High-Definition Multimedia Interface
 - No Audio Cable is needed when via HDMI to HDMI connection.
-

Connecting a PC via DVI - DVI

This can be done if there is a DVI Output connector on the PC.



NOTE:

- Connect a DVI-to-DVI cable between the **DVI** connector on the TV and the DVI connector on the PC.
- Connect an audio cable between the **PC AUDIO IN** jack on the TV and AUDIO OUT jack on the PC.

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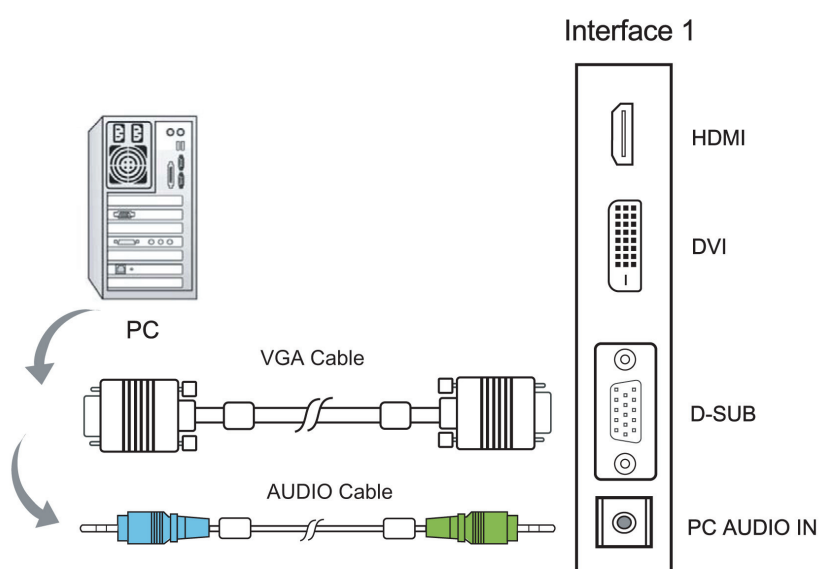
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Español

Nederlands

Connecting a PC via VGA cable



NOTE:

- Connect a VGA cable between the **D-SUB** connector on the TV and the VGA connector on a PC.
 - Connect an audio cable between the **PC AUDIO IN** jack on the TV and AUDIO OUT jack on a PC.
-

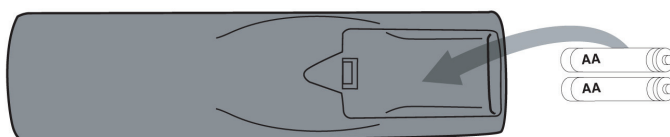
Watching TV

Turning the LCD TV On and Off

Turning On

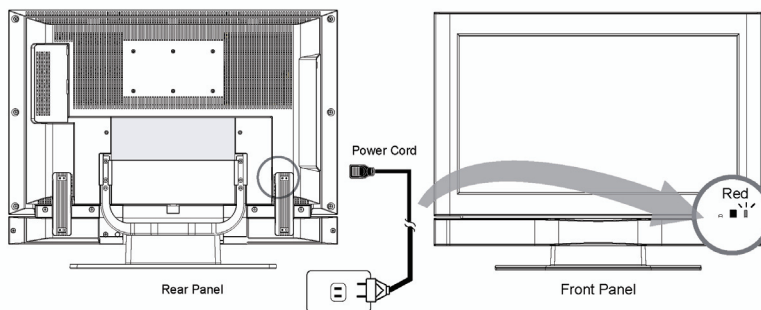
After the LCD TV is connected, you can then turn on your LCD TV. Follow the instructions below to turn the display on:

- Step 1: Place supplied two (AAA) batteries into the remote control; make sure the batteries are oriented correctly.



The back of remote control

- Step 2: Connect the Power Cord into the AC IN located in the back of the display and the other end to the power outlet on the wall. The indicator on the bottom right side of the display will light up red at this moment.



NOTE:

Power cord is variable according to different regions.

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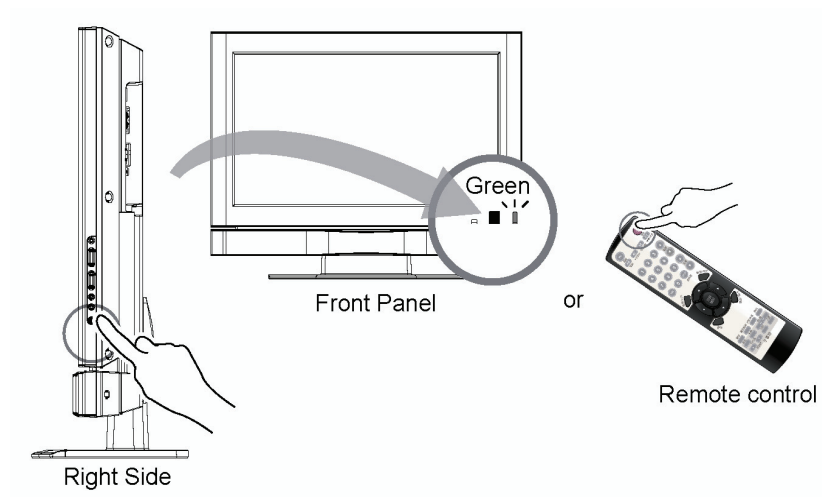
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Español

Nederlands

Step 3 Press the **POWER** button on the right side of the display, or press the **POWER** button of the remote control to turn on the display. The indicator will light up green.

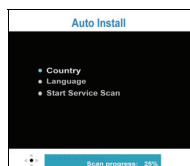
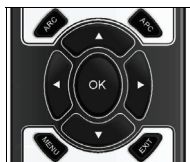
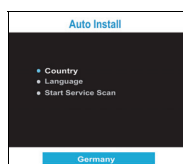


Turning Off

When the display is on, press the **POWER** button on the right side of the display, or press the **POWER** button on the remote control to turn the TV off. After the TV is turned off, the indicator on the front will light up red.

If you go away for a few days or will not use your TV for a long period of time, please unplug the power cord to turn the main power off.

Initial switch on the TV



When you switch on the TV for the first time, the **Auto Install** menu will appear on the screen. (Please ensure your TV has TV cables connected.)

1. Press **▲** or **▼** to highlight **Country*** and then press **OK**.
2. Press **◀** or **▶** to choose your country in the Message Bar, then press **OK**.
3. Press **▲** or **▼** to highlight **Language***, then press **OK** to enter the Adjustment Bar.
4. Press **◀** or **▶** to choose your language. Press **OK**.
5. Press **▲** or **▼** to highlight **Start Service Scan**, and then press **OK** to enter the **Scan Progress**. (Takes around 10 minutes.)

When the percentage is 100%, the **Service Scan Progress** is finished, and then the TV returns to normal operation.

NOTE:

Country*: Austria, Belgium, Czech, Denmark, Finland, France, Germany, Great Britain, Greece, Hungary, Ireland, Italy, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and Others.

Language*: English, French, German, Spanish, Italian, Finnish, Swedish, Dutch, Denmark and Norway

DTV Scanning: DTV model will run the **DTV Scanning** automatically after **Service Scan Process**.

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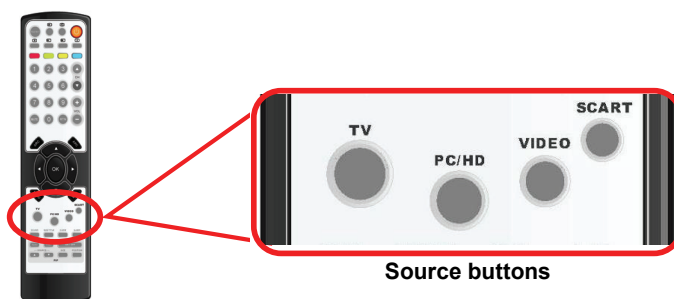
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Buttons

Switching TV / DTV / PC/HD / VIDEO / SCART Modes

1. Turn on the power.
2. Select an input source as described below.



TV : switch to Analogue / Digital TV mode.

PC/HD : switches to VGA / DVI / HDMI mode

VIDEO : switch to CVBS / S-VIDEO / YUV mode (Composite, Y/C and Component signal)

SCART : switch to SCART1 / SCART2 / SCART2 S

Volume Control



Using Volume Control

Press **VOL+** / **VOL-** to turn up or turn down the sound volume.

Using Mute

At any time, users can temporarily turn off the sound by pressing the MUTE button.

1. Press **MUTE** and the sound cuts off.
2. Press **MUTE** again or **VOL+** / **VOL-** to turn the sound back to the previous level.

Setting the Sleep Timer



You can set the **Sleep Timer** to turn off the TV automatically. The timer can be set from 00 to 120 minutes.

1. Press **SLEEP** to set the **Sleep Timer** screen.
2. Press **SLEEP** repeatedly to change the sleep timer (in 10 minute intervals).

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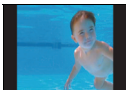
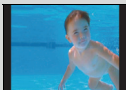
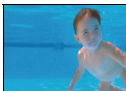
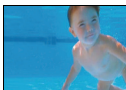
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ARC

ARC - Aspect Ratio Control

(Modes available are dependant upon the current source)

	Auto Image	: In this mode, the TV can automatically select the suitable broadcast mode.
	4:3	: In this mode, will display traditional 4:3 broadcasts for non-wide screen in the correct proportions. There will be black strips at both sides of the screen.
	14:9	: In this mode, will display 14:9 broadcasts in the correct proportions. There will be black strips at both sides of the screen.
	16:9	: This mode expands the width of 4:3 broadcasts evenly to fill the 16:9 screen.
	PANORAMIC	: Expands 4:3 broadcasts to fit the 16:9 screen by expanding the image at the edges of the screen. This creates less distortion at the centre of the screen.
	ZOOM	: Displays broadcasts in letter box format in the correct proportions. The top and bottom of the images are slightly cropped.

APC

APC - Automatic Picture Control

Press the **APC** button on the remote control repeatedly to cycle through the APC settings. The button adjusts the different screen brightness— Normal / Cinema / Dynamic

Normal : Select this mode in a normal environment.

Cinema : Select this mode in a dark environment.

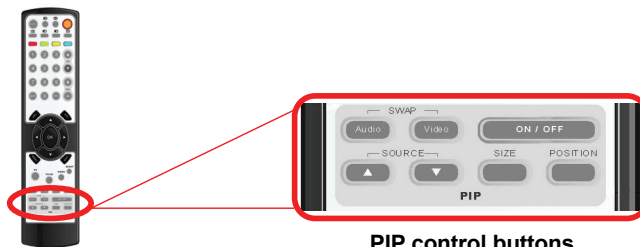
Dynamic : Select this mode in a bright environment.

NOTE:

Only 16:9 and 4:3 modes are available in PC and DVI sources.

Picture in Picture (PIP)

You can press the buttons on the remote to control the PIP functions.



PIP control buttons

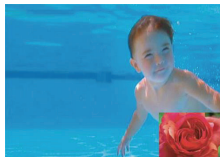
ON / OFF	: Press the button repeatedly to select a mode of the PIP window – PIP / OFF.
POSITION	: Press the button repeatedly to move the sub picture from corner to corner on the TV screen.
SIZE	: Press the button repeatedly to select a size of the sub picture - Small / Middle / Large
SWAP Video	: To interchange the picture of main source and sub source.
SWAP Audio	: To interchange the voice of main source and sub source.
SOURCE Δ / ∇	: To select a second source: HDMI / TV / DTV / SCART1 / SCART2 / SCART2 S / CVBS / YUV / S-VIDEO as the sub picture.

[OFF]:



Only the main picture for main source.
(No PIP)

[PIP]:



Show the sub picture on the main picture.

NOTE:

- The status of peripherals, such as PCs and video equipment, must be **ON** beforehand, when you use PIP window.
- The LCD TV has to be connected two AV sources at least, and then PIP function can be activated.
- To catch channel surfing in PIP Window, please change PIP Window to main picture.

English

Français

Italiano

Deutsch

Español

Nederlands

PIP mode

Sub Main	TV	SCART 1	SCART 2	SCART 2 S	CVBS	S-VIDEO	DTV	YUV	HDMI	VGA	DVI
TV	---	X	X	X	X	X	O	O	O	X	X
SCART1	X	---	X	X	X	X	O	O	O	X	X
SCART2	X	X	---	X	X	X	O	O	O	X	X
SCART2 S	X	X	X	---	X	X	O	O	O	X	X
CVBS	X	X	X	X	---	X	O	O	O	X	X
S-VIDEO	X	X	X	X	X	---	O	O	O	X	X
DTV	O	O	O	O	O	O	---	O	X	X	X
YUV	O	O	O	O	O	O	O	---	X	X	X
HDMI	O	O	O	O	O	O	X	X	---	X	X
VGA	O	O	O	O	O	O	X	X	X	---	X
DVI	O	O	O	O	O	O	X	X	X	X	---

NICAM/IGR Broadcast Selection

Depending on the particular program being broadcast, you can press the SOUND button to listen to different language sources.

Under different systems, broadcast function will show differently.

Sound A : sends the primary broadcast language to the loudspeakers.

Sound B : sends the secondary broadcast language to the loudspeakers.

Mono : sends mono sound

Stereo : sends stereo sound

NICAM System

Digital	Stereo	Mono Stereo
	Dual	Mono Sound A Sound B
	Mono	NICAM Mono

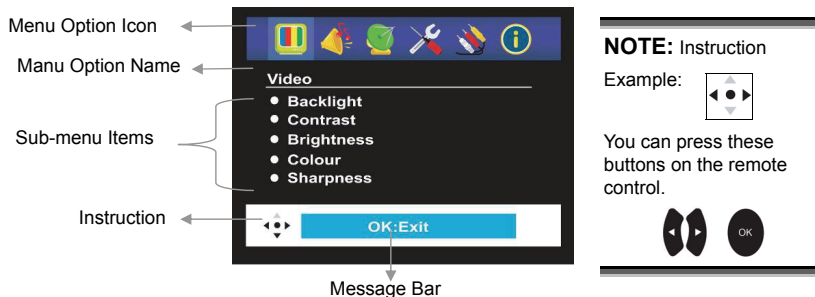
Two Carrier System

Analogue	Stereo	Mono Stereo
	Dual	Sound A Sound B
	Mono	Mono

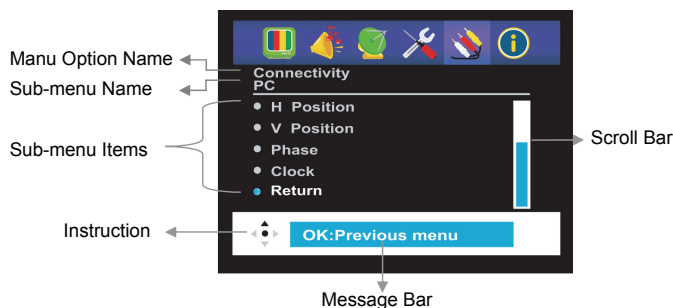
General Controls & Adjustment

Viewing the On-Screen Display (OSD)

Main menu page



Sub-menu page



1. With the power on, press **MENU** on the remote. The OSD (**On-Screen Display**) main menu appears.
2. Press ◀ or ▶ to select the Menu Option and press ▼ to enter the menu option.
3. Press ▲ or ▼ to highlight one Sub-menu item, and then press **OK** to select.
4. Press ◀ or ▶ to make adjustments.
5. Press **OK** to return to the previous screen or press **MENU** to return to the Main menu.
6. Press **EXIT** to exit the menu.

English

Français

Italiano

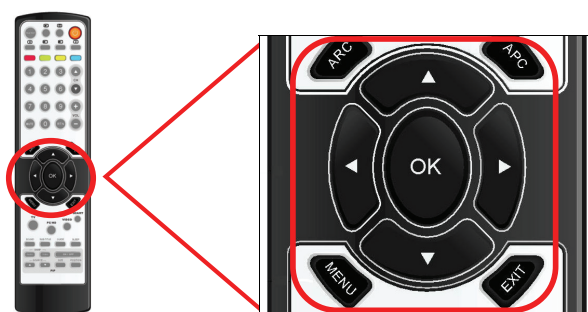
Deutsch

Español

Nederlands

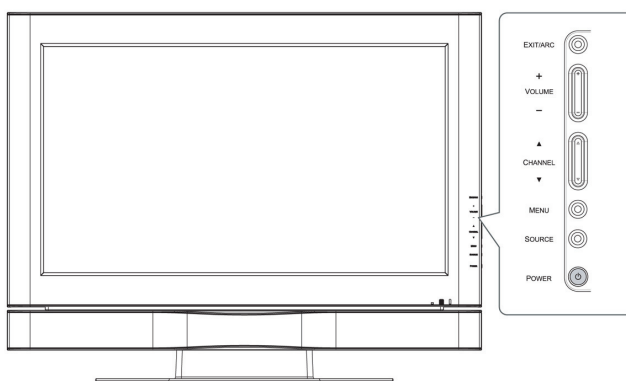
How to control the OSD

1. You can use the remote control buttons to open the **OSD** main menu and change the settings for the TV.



Menu settings

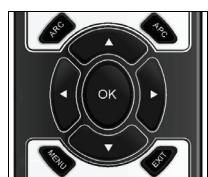
2. You can also use the buttons on the right side of the display to open the **OSD** main menu and adjust different settings for your TV. (see page 7)



Picture Setting

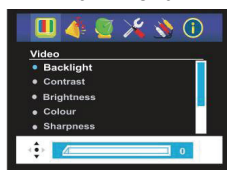
You may need to perform separate adjustments for brightness and contrast for the different video modes.

With the power on, in any mode.



1. Press Source button to choose desired source. (see page 18)
2. Press **MENU**.
3. Press ◀ or ▶ to select "**Video**" and press ▼.
4. Press ▲ or ▼ to highlight one item. Press **OK** to enter the Sub-menu.
5. Press ◀ or ▶ to make adjustments and press **OK**.
6. Press **MENU** to return to the Main menu, or press **EXIT** to exit the menu.

Main menu



Adjustment Bar



Video:

Backlight : Adjust the back light level of the screen.

Contrast : Increase and decrease the picture contrast.

Brightness : Darken and brighten the picture brightness.

Colour : Deepen and lighten the picture colours.

Sharpness : Adjust the outline of pictures to make them sharper or duller.

Tint* : For skin tones to become purplish or greenish. (Only available when the video input is in NTSC format.)

Noise Reduction : Decrease the picture noise in a weak signal. Switch to Auto / High / Mid / Low / Off.

NOTE:

Typically, PC mode will be best viewed with lower brightness and contrast settings than are appropriate for the other modes.

English

Français

Italiano

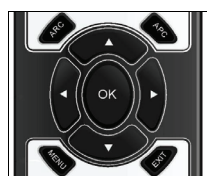
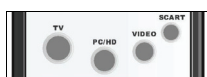
Deutsch

Español

Nederlands

Sound Setting

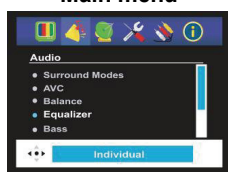
With the power on, in any mode.



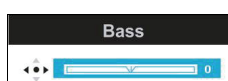
1. Press Source button to choose desired source. (see page 18)
2. Press **MENU**.
3. Press ◀ or ▶ to select “**Audio**” and press ▼.
4. Press ▲ or ▼ to highlight one item. Press **OK** to enter the Sub-menu.
5. Press ◀ or ▶ to make adjustments and press **OK**.
6. Press **MENU** to return to Main menu, or press **EXIT** to exit the menu.

Audio:

Main menu



Adjustment Bar



Surround Modes : You can choose different audio effects for your TV.

AVC (Auto Volume Correction) : This feature allows you to automatically adjust the volume by lowering the speaker output when the volume is high or by raising the speaker output when the volume is low. Switch to “**On**” or “**Off**” to enable or disable the AVC function.

Balance : Adjust the volume balance between the left and right speakers.

Equalizer : You can choose an Audio scenario you like.

Neutral: Present the original sound.
Movie: Emphasize the live sound for movies.
Music: Present enhanced sound quality for music.
Individual*: Customized sound mode.

Bass* : Adjust Bass.

Treble* : Adjust Treble.

NOTE:

* The “**Bass**” and “**Treble**” can be adjusted when **Equalizer** is set in “**Individual**” mode.

SRS WOW

WOW™

The world's most popular complete audio enhancement solution that includes SRS 3D, FOCUS and TruBass.

SRS 3D®

Retrieves the spatial information lost during compression and restores 3D sound field to any mono or stereo source over any pair of standard speakers or headphones.

TruBass®

Psychoacoustic bass enhancement for speakers and headphone systems that delivers bass up to an octave below the physical capabilities of the speaker's driver.

FOCUS™

This technology has the unique capability to electronically repositioning the audio image of non-optimally located speakers, such as those found in big screen TVs and automobiles, to a position the ideal position right in front of the listener.

BBE

BBE High Definition Sound restores clarity and presence for better speech intelligibility and musical realism.

English

Français

Italiano

Deutsch

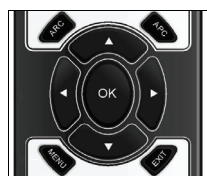
Español

Nederlands

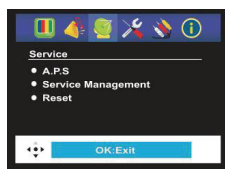
Service (Analogue TV)

With the power on, in TV (analogue) mode.

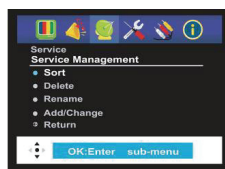
1. Press **TV** to select TV (analogue) mode.
2. Press **MENU**.
3. Press ◀ or ▶ to select “**Service**” and press ▼.
4. Press ▲ or ▼ to highlight one item. Press **OK** to enter the Sub-menu.
5. The operating screens will vary due to different functions; refer to the Message Bar below to adjust to your favourite settings.
6. Press **OK** to confirm your setting.
7. Press **MENU** to return to the previous menu or press **EXIT** to exit the menu.



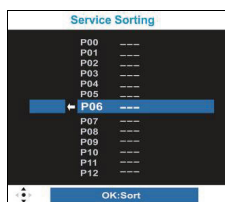
Main menu



Sub-menu



Service list



Service:

A.P.S. : You can use this function to search and store all available channels.

Country : Choose a country.

Start Service Scan : Start scanning all channels.

Return : Return to the previous menu.

Service Management : Manage the channels to your own preferences. (see page 29)

Sort : Set the channel order according to your preference.

Delete : Delete the selected channel.

Rename : Rename the selected channel.

Add/Change : Add or fine tune a selected channel.

Return : Return to the previous menu.

Reset : You can reset all settings to their original default settings, except the scanned channels. (see page 37)

NOTE:

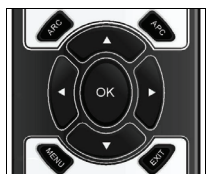
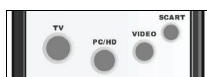
You can refer to an example for the **Rename** function. (see page 29)

Service Management (Analogue TV)

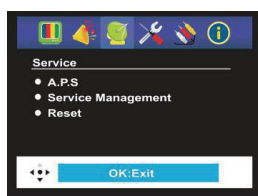
Rename

With the power on, in TV (analogue) mode.

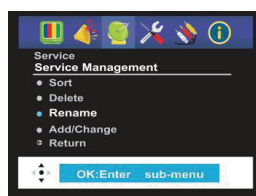
1. Press **TV** to select TV (analogue) mode. (see page 18)
2. Press **MENU**.
3. Press **◀** or **▶** to select "**Service**" and press **▼**.
4. Press **▲** or **▼** to highlight "**Service Management**". Press **OK** to enter the Sub-menu.
5. Press **▼** to highlight "**Rename**". Press **OK** to enter the **Service Naming**.
6. In the **Service Naming**, press **▲** or **▼** to select the programme you want to rename, and then press **OK** to edit name.
7. Press **▶** to enter the name display area (5 characters), and press **▲** or **▼** to choose the characters, and then press **OK** to confirm.
8. Press **MENU** to return to Main menu, or press **EXIT** to exit the menu.



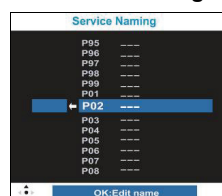
Main menu



Sub-menu



Service Naming



NOTE:

If you want to sort, delete, add or change the service, you may follow step 1~4, and select **Sort**, **Delete** or **Add/Change** instead of **Rename**, and then refer to the following steps.

English

Français

Italiano

Deutsch

Español

Nederlands

Service (Digital TV)

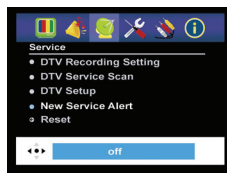
With the power on, in DTV mode.

1. Press **TV** to select DTV mode.
2. Press **MENU**.
3. Press ◀ or ▶ to select "**Service**" and press ▼.
4. Press ▲ or ▼ to highlight one item. Press **OK** to enter the Sub-menu.
5. The operating screens will vary due to different functions; refer to the Message Bar below to adjust to your favourite settings.
6. Press **OK** to confirm your setting.
7. Press **MENU** to return to the previous menu or press **EXIT** to exit the menu.

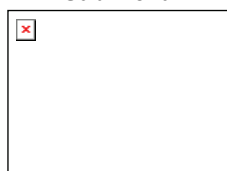


Service:

Main menu



Sub-menu



DTV Recording Setting : You can use this function to record all available channels.

DTV Service Scan : Start scanning all channels.

Country : Choose a country.

Confirm : Confirm to erase the all digital data.

Return : Return to the previous menu.

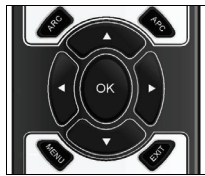
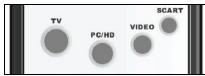
DTV Setup : You can setup some DTV settings.

New Service Alert : Inform you the new service.

Reset : You can reset all settings to their original default settings, except the scanned channels. (see page 37)

DTV Recording Setting (Digital TV)

With the power on, in DTV mode.



1. Press Source button to choose desired source. (see page 18)
2. Press **MENU**.
3. Press ◀ or ▶ to select "**Service**" and press ▼.
4. Press ▲ or ▼ to highlight "**DTV Recording Setting**". Press **OK** to enter the setting mode.
5. Press **MENU** to return to the previous menu or press **EXIT** to exit the menu.

Main menu



DTV Recording Settings

DTV Recording Settings				
Date 12/06/2006			Time 15:48	
Pos.	Name	Date	Start	End
800	P	12/06 Mon	15:48	15:55

English

Français

Italiano

Deutsch

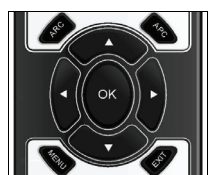
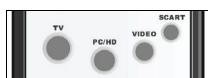
Español

Nederlands

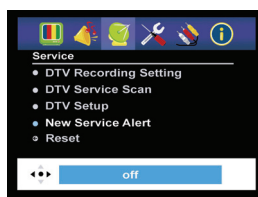
DTV Service Scan (Digital TV)

With the power on, in DTV mode.

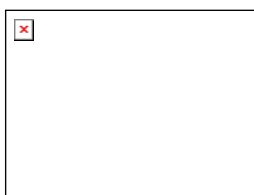
1. Press Source button to choose desired source. (see page 18)
2. Press **MENU**.
3. Press ◀ or ▶ to select "**Service**" and press ▼.
4. Press ▲ or ▼ to highlight "**DTV Service Scan**". Press **OK** to enter the Sub-menu.
5. Press ▼ to highlight "**Country**" and press **OK**.
6. Press ◀ or ▶ to choose the country and press **OK**.
7. Press ▼ to highlight "**Confirm**" and press **OK**. If you are sure to do the DTV service scan, then press **OK** to start DTV scan.
8. Press **MENU** to return to the previous menu or press **EXIT** to exit the menu.



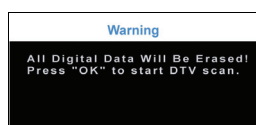
Main menu



Sub-menu

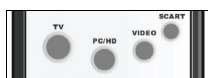


Warning message



DTV Setup (Digital TV)

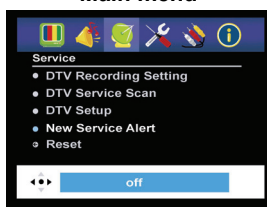
With the power on, in DTV mode.



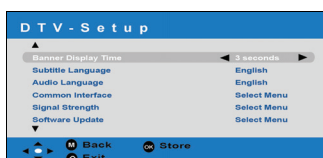
1. Press Source button to choose desired source. (see page 18)
2. Press **MENU**.
3. Press ◀ or ▶ to select "**Service**" and press ▼.
4. Press ▲ or ▼ to highlight "**DTV Setup**". Press **OK** to enter the setting mode.
5. Press **MENU** to return to the previous menu or press **EXIT** to exit the menu.

DTV Setup:

Main menu



DTV Setup



Banner Display Time : Adjust the display time of the banner. Switch to 3 / 5 / 10 seconds

Subtitle Language : Choose the subtitle language. Switch to English / Welsh / Gaelic

Audio Language : Choose the audio language. Switch to English / Welsh / Gaelic

Common Interface : To use pay per view services.

Signal Strength : To show the signal strength for the channel.

Software Update : To update the software.

NOTE:

- Common Interface Module: the CI module slot is on the back of the LCD TV. (Only provided for Digital TV models).
- Please turn off the LCD TV before inserting or removing a CI module.

English

Français

Italiano

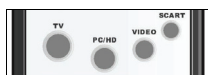
Deutsch

Español

Nederlands

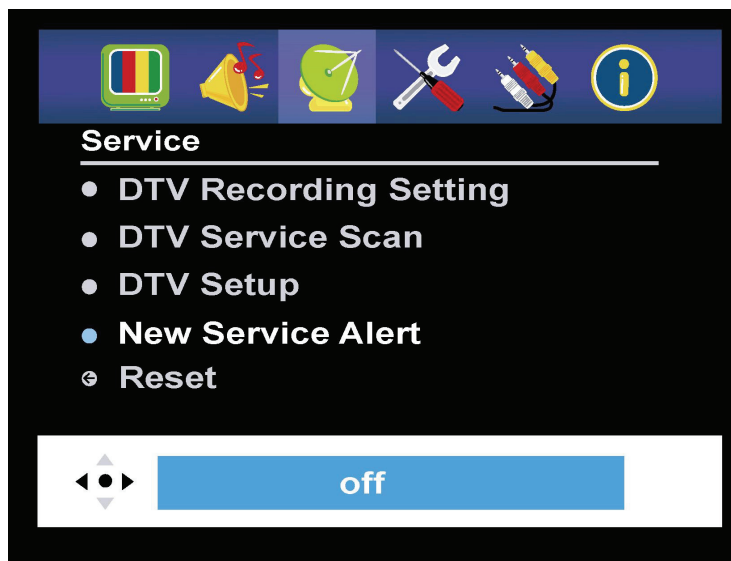
New Service Alert (Digital TV)

With the power on, in DTV mode.



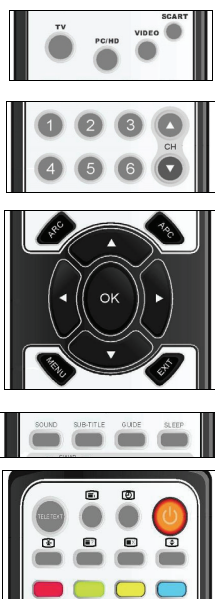
1. Press **Source** button to choose desired source. (see page 18)
2. Press **MENU**.
3. Press ◀ or ▶ to select "**Service**" and press ▼.
4. Press ▲ or ▼ to highlight "**New Service Alert**". Press **OK** to enter the setting mode.
5. Press ◀ or ▶ to select "**On**" or "**Off**" and press **OK** to confirm.
6. Press **MENU** to return to the previous menu or press **EXIT** to exit the menu.

Main menu (TV mode)



Viewing the Banner (Digital TV)

With the power on, in DTV mode. (after DTV service scanned)



1. Press Source button to choose desired source. (see page 18)
2. Press **▼CH▲ / OK / ▲** or **▼** to display the banner.
3. The banner is on the screen, then:
 - Press **▲** or **▼** to select channel in the banner.
 - Press **OK** to confirm the selected channel.
 - Press the **SUB-TITLE** button to display the DTV SUBTITLE.
 - Press **TELETEXT** to display the more details information about the selected channel.
 - Press the **GREEN** button to switch the DTV multi-audio.
 - Press the **YELLOW** button to display the switch DTV profile.



- | | |
|---------------------------|---------------------------------|
| 1. Logical channel number | 9. User profile |
| 2. Service name | 10. Encrypted service indicator |
| 3. Service status | 11. MHEG service indicator |
| 4. Current time | 12. Multi-audio indicator |
| 5. Event name | 13. Event information indicator |
| 6. Now/Next status | 14. Subtitle indicator |
| 7. Duration of event | 15. TELETEXT indicator |
| 8. Subtitle On/Off status | |

English

Français

Italiano

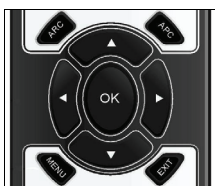
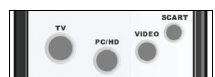
Deutsch

Español

Nederlands

EPG (Electronic Programme Guide) (Digital TV)

With the power on, in DTV mode. (after DTV service scanned)



1. Press Source button to choose desired source. (see page 18)
2. Press the **GUIDE** button to display the EPG.
3. The EPG is on the screen, then:
 - Press the **GUIDE** button to display the user profile.
 - Press ◀ or ▶ to select service category.
 - Press the **BLUE** button to switch to theme list.
 - Toggle among 7 day EPG by using numeric buttons (1~7). (Bottom bar will show the available buttons on the remote control.)

NOTE:

The EPG information is provided by the broadcasters.

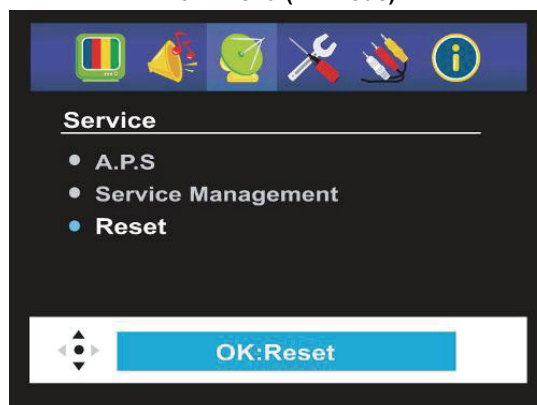
Reset

With the power on, in any mode.



1. Press Source button to choose desired source. (see page 18)
2. Press **MENU**.
3. Press ◀ or ▶ to select "**Service**" and press ▼.
4. Press ▲ or ▼ to highlight "**Reset**". Press **OK** then finished.
5. If you want to exit the menu, press **EXIT**.

Main menu (TV mode)



English

Français

Italiano

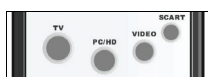
Deutsch

Español

Nederlands

Preference Setting

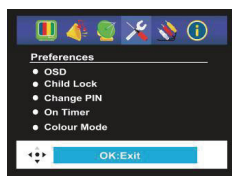
With the power on, in any mode.



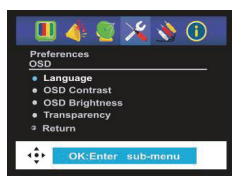
1. Press Source button to choose desired source. (see page 18)
2. Press **MENU**.
3. Press ◀ or ▶ to select “**Preferences**” and press ▼.
4. Press ▲ or ▼ to highlight one item. Press **OK** to enter the Sub-menu.
5. Press ▲ or ▼ to highlight one item. Press **OK**. Press ◀ or ▶ to make adjustments, then press **OK** again.
6. Press **MENU** to return to Main menu, or press **EXIT** to exit the menu.

Preferences:

Main menu



Sub-menu



Adjustment Bar



OSD : To make adjustments for the OSD (On-Screen Display).

- Sub-menu**
- Language** : Select language display of the OSD.
 - OSD Contrast** : Adjusts the contrast of the OSD.
 - OSD Brightness** : Adjusts the brightness of the OSD.
 - Transparency** : Adjusts the transparency of the OSD.
 - Return** : Return to the previous menu.

Child lock : To lock some channels for the protective reason. (see page 39)

Change PIN : Make your own PIN.

On Timer : To set the TV switch off for a while and automatically switch on. (see page 40)

Colour Mode : Adjusts the colour of the picture.

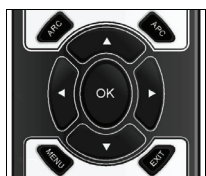
Normal	The colour is natural.
Warm	The colour has a reddish tint.
Cool	The colour has a bluish tint.
User*	Customizes the colour mode.

User mode **Colour R** : Adjusts the red ratio of the picture.

Colour G : Adjusts the green ratio of the picture.

Colour B : Adjusts the blue ratio of the picture.

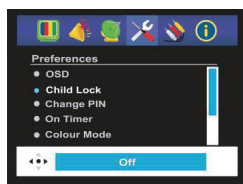
Child Lock



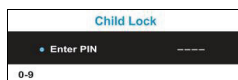
With the power on, in TV (analogue) mode. (initial)

1. Press Source button to choose desired source. (see page 18)
2. Press **MENU**.
3. Press ◀ or ▶ to select "**Preferences**" and press ▼.
4. Press ▲ or ▼ to highlight "**Child Lock**" and press **OK**.
5. Press ◀ or ▶ to change the current status.
6. Enter the PIN (Personal Identification Number) by using numeric buttons (0~9), then finished.
7. If you want to exit the menu, press **EXIT**.

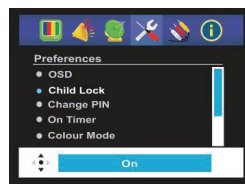
Main menu



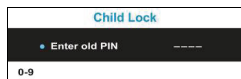
Sub-menu



Main menu



Chang PIN



NOTE:

- The default PIN is "0000".
- Memorize the new PIN code you entered; you have to enter the correct code that you have set most recently to renew it.
- If you want to remove the lock, you may follow steps 1~5.

English

Français

Italiano

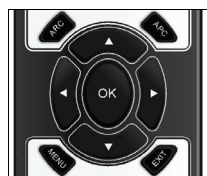
Deutsch

Español

Nederlands

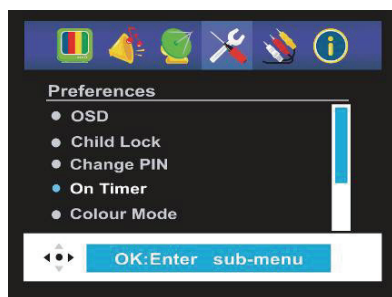
On Timer

With the power on, in any mode.

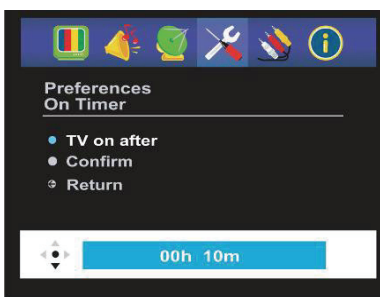


1. Press Source button to choose desired source. (see page 18)
2. Press **MENU**.
3. Press ◀ or ▶ to select “**Preferences**” and press ▼.
4. Press ▲ or ▼ to highlight “**On Timer**”. Press **OK** to enter the Sub-menu.
5. Press ▼ to highlight “**TV on after**”. Press **OK** to set up time.
6. Enter desired hours/minutes* by using numeric buttons (0~9), press **OK**.
7. Press ▼ to highlight “**Confirm**”, press **OK**, and then the TV will turn off immediately.

Main menu



Sub-menu

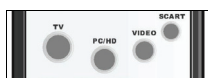


NOTE:

- For example: if you want to set 10 minutes for **TV on after**, press numeric buttons “**0010**” on the remote.
- If you didn't do the “**Confirm**” step after the On Timer setting, it is not completed.

PC / SCART Setting

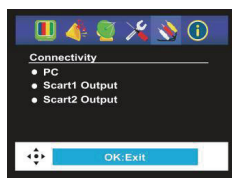
With the power on, in PC mode.



1. Press **PC/HD**.
2. Press **MENU**.
3. Press **◀** or **▶** to select "**Connectivity**".
4. Press **▼** to highlight "**PC**", and then press **OK** to enter the Sub-menu.
5. Press **▲** or **▼** to highlight one item. Press **OK**.
6. Press **◀** or **▶** to make adjustments, then press **OK**.
7. Press **MENU** to return to the Main menu, or press **EXIT** to exit the menu.

Connectivity:

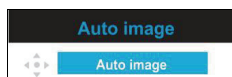
Main menu



Sub-menu



Adjustment Bar



PC*

- | | | |
|-----------------|-------------------|--|
| Sub-menu | Auto image | : Automatically adjusts picture. You may follow steps 1-4, and then highlight "Auto image" → press OK. |
| | H Position | : Adjusts the horizontal position of the picture. |
| | V Position | : Adjusts the vertical position of the picture. |
| | Phase | : Adjusts the picture phase. |
| | Clock | : Adjusts the width of the picture. |
| | Return | : Return to the main menu. |

Scart1 Output : Output SCART1 signal - TV / CVBS / S-VIDEO / DTV*

Scart2 Output : Output SCART2 signal - TV / CVBS / S-VIDEO / DTV*

NOTE:

When you connect a PC, the item "**PC**" appears.

English

Français

Italiano

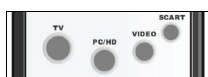
Deutsch

Español

Nederlands

Information

With the power on, in any mode.

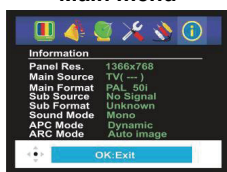


1. Press Source button to choose desired source. (see page 18)
2. Press **MENU**.
3. Press ◀ or ▶ to select “**Information**”.
4. Press **OK** or **MENU** or **EXIT** to exit the menu.

You can also use the “SUB-TITLE” key on remote control to invoke the “**Information**”.

Information:

Main menu



Panel Res. :Displays the panel resolution of the TV.

Main Source :Displays the source of the main picture source.

Main Format :Main picture input format.

Sub Source :Displays the source of the sub picture source.

Sub Format :Sub picture input format.

Sound Mode :Displays the sound mode information.

APC Mode :Displays the APC mode information. (see page 20)

ARC Mode :Displays the ARC mode information. (see page 20)

TELETEXT

TELETEXT is a free service broadcast by some TV stations (dependant upon country) which gives up-to-the-minute information, news, weather, television programs, share prices, subtitles, and many other topics.

TELETEXT Operation

Step1. Select a TV station on which TELETEXT is being transmitted.

Step2. Press **TELETEXT** on the remote to make the TELETEXT screen appear.

Display: Two page numbers, TV station name, date, and time are displayed on the screen headline. The first page number indicates your selection, while the second shows the current page being displayed.

Step3. Press **TELETEXT** to toggle text mode between TEXT / MIX / PAT / OFF.

TELETEXT Page Selection

Step1. Enter the required TELETEXT page as a three digit number.

Display: The selected page number is displayed at the top left corner of the screen. The TELETEXT page counter searches until the selected page number is located, so that the desired page is displayed on the screen.

Step2.

The **CHANNEL ▼ / ▲** or  button can be used to select the preceding or following page.

Step3. Fastext movement by the **4 coloured buttons** on the remote.

Display: Four subject-heading pages can be selected quickly by pressing the corresponding coloured buttons **Red** / **Green** / **Yellow** / **Blue** on the remote control handset.

English

Français

Italiano

Deutsch

Español

Nederlands

Useful features for TELETEXT



INDEX

Press the button on the remote to select the index page that displays the list of TELETEXT contents.



TIME/SUB-PAGE

Step1. While watching a TV program with TELETEXT transmission press the button. The current time information will be displayed on the upper centre corner of the screen.

Step2. *The time information will disappear after pressing the button again.

Sub-Page

A secondary page, by entering its 4-digit number



HOLD

The TELETEXT page you have selected may contain more information than what is on the screen; the rest of the information will be displayed after a period of time on a sub-page.

Step1. Press the button on the remote to stop the automatic page change.

Display: The **STOP** symbol will be displayed at the top left-hand corner on the screen and the automatic page change will be stopped.

Step2. Press the button again to continue.

INTERRUPT

In the TELETEXT mode, pressing the button on the remote will switch the screen to the TV mode while waiting for the text page you required.

- Step1. Select required page number in TELETEXT mode.
- Step2. Press the button on the remote to switch to TV mode while waiting for the text page. A small blue box in which “???” shows appears in the upper left corner.
- Step3. When the required text page is found, the required page number appears in the blue box.
- Step4. Press the button again to revert to TELETEXT mode.

REVEAL

- Step1. Press this button once to display concealed information, such as solutions to riddles, puzzles, or a quiz.
- Step2. Press this button again to conceal the revealed answers.

EXPAND

Select double height text.

- Step1. Press this button to enlarge the top half of the page.
- Step2. Press this button again to enlarge the bottom half of the page.
- Step3. Press this button once more to return to the normal display.

NOTE:

No OSD adjustment will be available in TELETEXT mode.

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Français

Italiano

Deutsch

Español

Nederlands

Troubleshooting

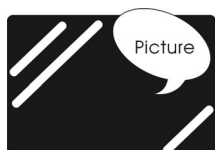
Many times, problems have simple causes. We would like to give you some tips to solve some common problems. Should these tips not help, please contact your dealer.

There is no picture and sound.



- ❑ Make sure the power cord is properly connected.
- ❑ Make sure the input mode is set correctly.

There is no picture (in AV mode).



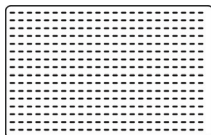
- ❑ Make sure the Contrast/ Brightness is properly adjusted.
- ❑ Make sure all external devices are connected properly.

There is no sound.



- ❑ Make sure the volume is not set to minimum.
 - ❑ Make sure the sound is not set to mute.
-

There is no picture or sound, just noise.



- ❑ The reception may be weak.
- ❑ Make sure the aerial is not disconnected.

The picture is not clear.



- ❑ The reception may be weak.
- ❑ Make sure the aerial is not disconnected.

The picture is too bright.



- ❑ Check the APC function setting.
- ❑ Check Contrast/Brightness adjustment.

The picture is too dark.



- ❑ Check the APC function setting.
- ❑ Check Contrast/Brightness adjustment.

The picture is jittery



- ❑ Make sure the TV set isn't near Microwave Oven or other equipment.

English

Français

Italiano

Deutsch

Español

Nederlands

The picture has double or triple image.



- ❑ Make sure the aerial is facing the right direction.
- ❑ There may be reflected signals from mountains or buildings.

The picture is spotty.



- ❑ There may be interference from automobiles, trains, high voltage lines, neon lights, etc.

Remote control does not work.



- ❑ Check the batteries in the remote control are not flat.
- ❑ Make sure the sensor window of TV set is not under strong lighting.

There are stripes on the screen or colours fade.



- ❑ Is the unit receiving interference from other devices?
Transmission of radio broadcasting station and transmission of amateur radio and cellular phones may also cause interference.
- ❑ Place the unit as far apart as possible from devices that may cause possible interference.

The picture is not sharp

- ❑ Check the colour adjustment.
 - ❑ Check the Sharpness adjustment.
-

Safety and Regulatory Information

Repair

- Leave all repairs of your LCD display to **authorised and qualified personnel** only.
- Should a repair be necessary, please contact one of our authorized **service partners** only.

Notes for Service Engineers

- Before opening the housing, **disconnect the product from all power sources and remove any connecting cables**. If the display has not been disconnected from the power outlet before being opened, there is a **danger to life** through electric shock. There is also a risk of damage to the components.
- Internal components of the LCD display may be damaged by **electrostatic discharge** (ESD). Carry out repairs in an **ESD-protected workshop**. If no such workshop is available, wear an **antistatic wrist strap** or touch a highly conductive metal object. We can repair damage sustained by inappropriate handling for a fee.
- Use only **original spare parts**.

Environmental conditions

- The LCD display can be operated most reliably at ambient temperatures between **+41°F** and **+95°F** (5° C to 35° C) and at a relative humidity between 20% and 85% (without condensation).
- When switched off, the LCD display can be stored most reliably between **-4°F** and **+140°F** (-20° C - +60° C), up to a maximum height of 39,000 ft (12,000 m) above sea level at a relative humidity between 10% and 85% (without condensation).
- After transporting your LCD display please wait until it has reached the ambient temperature before connecting and switching it on. Extremely high variations in the temperature or humidity may result in **condensation** forming on the inside of the LCD display which could cause an **electrical short-circuit**.

English

Français

Italiano

Deutsch

Español

Nederlands

PC Input Preset Timing Table

No.	Mode Name Resolution	H.Freq.(KHZ) V.Freq.(HZ)	H. Polarity V. Polarity	Pixel CLK (MHZ)	Hor. Total CLK No.	Hor. Display CLK No.	Hor. Back Porch CLK No.	Hor. Sync. Width CLK No.	Vert. Total Line No.	Vert. Display Line No.	Vert. Back Porch Line No.	Vert. Sync Width Line No.
1	VGA 70HZ 640*350	31.469 70.087	+ -	25.175	800	640	48	96	449	350	60	2
2	VGA 60HZ 640*480	31.469 59.941	- -	25.175	800	640	48	96	525	480	33	2
3	SVGA 60HZ 800*600	35.16 56.25	+ +	36.0	1024	800	128	72	625	600	22	2
4	SVGA 60HZ 800*600	37.879 60.317	+ +	40.0	1056	800	88	128	628	600	23	4
5	XGA 60HZ 1024*768	48.363 60.004	- -	65.0	1344	1024	160	136	806	768	29	6
6	XGA 70HZ 1024*768	56.476 70.069	- -	75.0	1328	1024	144	136	806	768	29	6
7	MAC VGA 640*480	35.0 66.667	- -	30.24	864	640	96	64	525	480	39	3
8	US TEXT 720*400	31.469 70.087	- +	28.322	900	720	54	108	449	400	35	2
9	WXGA 1280*768	47.73 60	- +	80	1676	280	198	136	795	768	23	3
10	WXGA 1360*768	47.7 60	+ +	85.5	1792	1360	256	112	795	768	18	6

The resolutions above are only for your reference. Messages shown in LCD TV will be varied according to types of PC and their resolutions.

Specifications

Model		V32MCGI	V37MCGI
Screen Size (diagonal)		32"	37"
Audio Output		10W x 2	15W x 2
Aspect Ratio		16:9	
TV System		PAL / SECAM	
Video Playback		PAL / SECAM / NTSC	
Sound System		NICAM / IGR	
PC Resolution		1360 x 768 (WXGA) @ 60Hz	
Connectivity	Interface 1 (Side)	HDMI, DVI-D, D-SUB, PC AUDIO IN	
	Interface 2 (Rear)	Audio & Video Out (Video, Audio L/R, Subwoofer, SPDIF), Video & Audio In (S-Video, Component, Composite, Audio L/R), Antenna In, SCART 1, SCART 2	
Power Supply		AC 100V~240V, 50/60Hz	
Power consumption		<195 W	
Standby power consumption		< 5 W	
Set dimensions (with stand)	Width	828.0 mm	947.0 mm
	Height	651.3 mm	722.0 mm
	Depth	240.0 mm	240.0 mm
Net Weight (with stand)		22 kg	25 kg
Environmental Considerations	Operating Temperature	5°C to 35°C (41°F to 95°F)	
	Operating Humidity	20 % to 85%, non-condensing	
	Storage Temperature	-20°C to 45°C (-4°F to 113°F)	
	Storage Humidity	10 % to 85%, non-condensing	

The actual design and specifications are subject to change without further notice.

We preserve the right of any corrections or errors in this manual.

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Español

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