SAGEM

LCD Television 32”

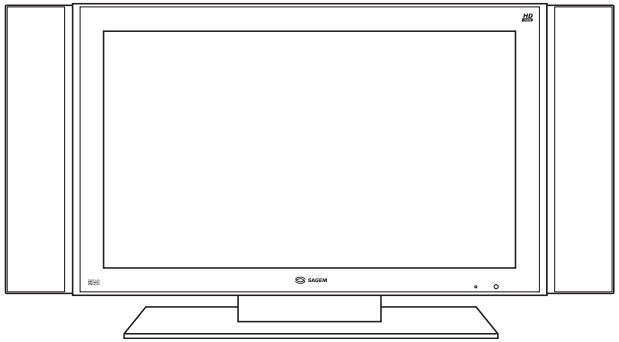
SAGEM AXIUM™ HD-L32

SAGEM AXIUM™ HD-L32 T

IMPORTANT:
Please read this guide thoroughly before using your unit.

Veuillez lire attentivement ce manuel avant d'utiliser votre téléviseur.

Lesen Sie bitte dieses Handbuch sorgfältig vor der Inbetriebnahme Ihres Gerätes.



USER GUIDE

Dear SAGEM Customer,

Congratulations and thank you for choosing the SAGEM AXIUM™ High Definition LCD TV.
This product was manufactured with the greatest care and attention and we hope you will enjoy the spectacular viewing experience for many years. This product is very diverse and we recommend that you first refer to the Quick Start Guide on page 4.
We recommend you to keep this document in a safe place in order to be able to refer to it afterwards.
This product is European compliant.
If you should incur any potential problem which is not covered in Troubleshooting and Support on page 70, please contact your retailer or distributor where applicable.

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ENVIRONMENT

Preservation of the environment as part of a sustainable development logic is an essential concern of SAGEM SA. The desire of SAGEM SA is to operate systems observing the environment and consequently it has decided to integrate environmental performances in the life cycle of its products, from manufacturing to commissioning, use and elimination.

PACKAGING

The presence of the logo (green circle) means that a contribution is paid to an approved national organization to improve packaging recovery and recycling infrastructures.

To faciliate recycling, respect the sorting rules set up locally for this kind of waste.

THE PRODUCT

The crossed-out waste bin stuck on the product means that the product belongs to the family of electrical and electronic equipment.

In this respect, the European regulations ask you to dispose of it selectively:

- At sales points in the event of the purchase of similar equipment.
- At the collection points made available to you locally (drop-off center, selective collection, etc.).

In this way you can participate in the re-use and upgrading of Electrical and Electronic Equipment Waste, which can have an effect on the environment and human health.

SAFETY PRECAUTIONS

High Voltage

This LCD TV is a class 1 appliance; it MUST be connected to an electrical wall socket equipped with an earth.

This LCD TV is designed to function:

- with a 100-240 V, 50-60 Hz, AC (alternating current) network,
- at an ambient temperature between +5 deg C and +35 deg C,
- in areas with humidity less than 85%.

This LCD TV uses high voltages. Never attempt to access the interior of the device. Only suitably qualified persons are authorised to do this.

Do not open or dismantle this product, as this will expose you to risk of electrocution.

Damage

Never use your TV if it is damaged in any way. Always place your TV on a flat level surface avoiding anywhere which may be subject to strong vibration.

Weather

It is advisable to unplug the aerial during an electrical storm.

Moisture

Do not allow your TV to be exposed to rain, moisture, dust. If any liquid is spilt into your TV it can cause serious damage. If you spill any liquid into your TV switch it off at the mains immediately. Contact your store.

Interference

Do not place your TV on or near appliances which may cause electromagnetic interference (TV or Hi-Fi speakers). If you do, it may adversely affect the working of the unit, and cause a distorted picture or sound.

Temperature

Avoid extremes of temperature, either hot or cold, place your TV well away from heat sources such as radiators or gas/electric fires.

Ventilation

The TV must be well ventilated. Do not cover your TV or position in a small confined space. It is recommended that you leave a gap all around your TV.

Batteries

Batteries are easily swallowed by young children. Do not allow young children to play with the remote control unit.

Only use suitable batteries that comply with the maker's specifications (see ***4-2 Inserting Batteries into the Remote Control***).

- The batteries supplied are not rechargeable;
- Pay particular attention to environmental matters;
- Take the defective or used batteries to places provided for this effect in accordance with current regulations; never throw them in the dustbin.

Covers

Do not remove any fixed covers as this may expose dangerous high voltages.

Standby

Do not leave your TV in standby for long periods of time e.g. while on holiday.

Screen Burn

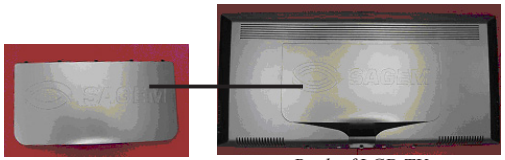
ATTENTION! Please note that some programmes are broadcast with a logo that will appear in the corner of your TV screen. Some of these logo's can be very bright and may cause damage by permanently marking the logo on the screen. To prevent this, avoid leaving channels displaying a logo for prolonged periods of time, particularly when the TV is not being watched.

QUICK START GUIDE

Display Stand Installation

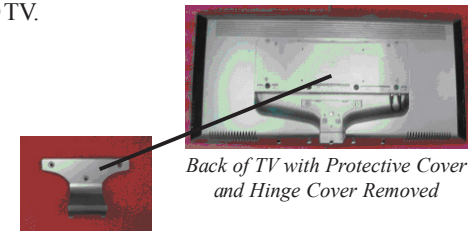
The display stand may not be already assembled when you receive your unit. If it is not, follow the procedure below to install it to your unit before you continue.

1. Remove the protective cover and hinge cover on the back of your LCD TV.



Back Protective Cover *Back of LCD TV*

2. Remove the hinge cover on the back of your LCD TV.

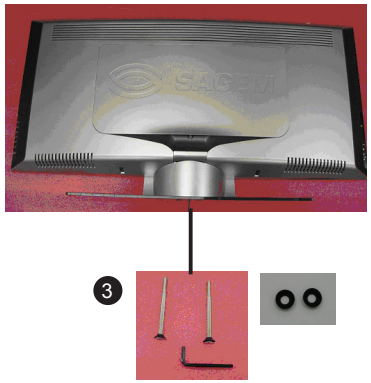


Back of TV with Protective Cover and Hinge Cover Removed

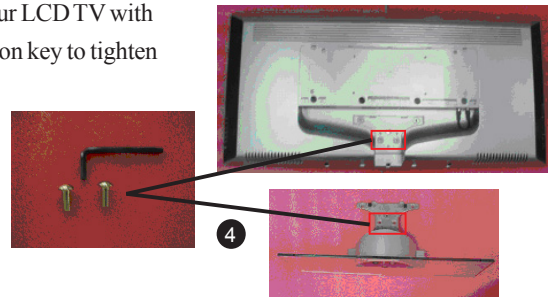
Hinge Cover

3. Fasten the two (2) M8*100 capscrews with washers to the bottom of the glass display stand using the provided hexagon key.

   NOTE: The washers are necessary to prevent damage to the glass when fastening the capscrews.



4. Attach the display stand to the back of your LCD TV with two (2) M8*30 capscrews using a hexagon key to tighten the capscrews.



Glass Display Stand

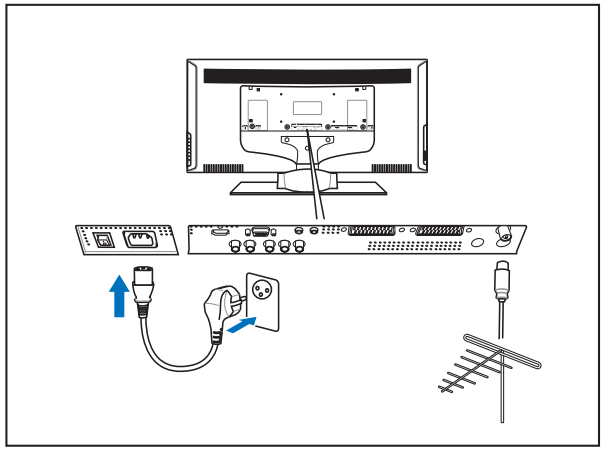
5. Fasten the hinge cover with the three (3) M8*30 capscrews that were removed in Step 1 using the provided hexagon key.

6. Fasten the back protective cover that was removed in Step 1.

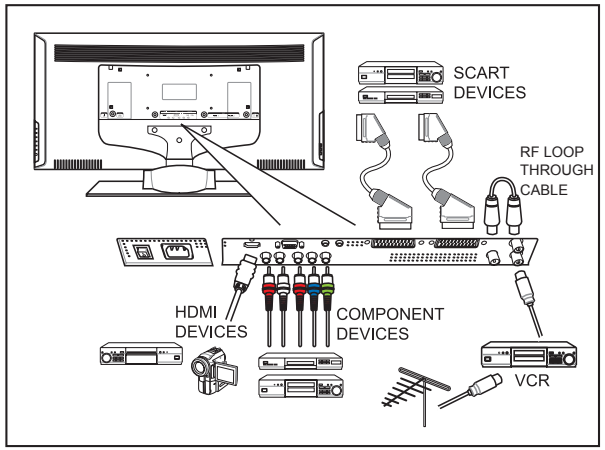
LCD TV with Display Stand Attached

Hinge Cover *Back Protective Cover*

Connection Diagrams



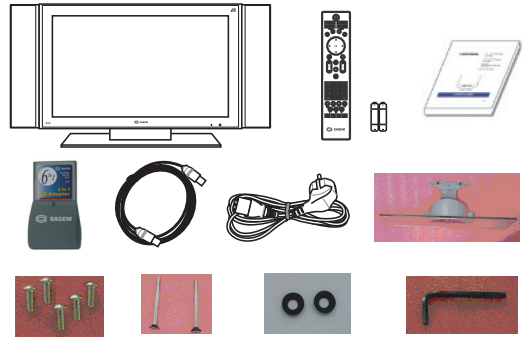
Basic Connection for Analog TV



Basic Connection for Digital TV (DTV) and AV*

* Available only with SAGEM AXIUM HD-L32 T.

Getting Started



1. Unpack your LCD TV.
   - LCD TV
   - Remote control
   - Two (2) AA alkaline batteries
   - 6-in-1 CF adaptor*
   - Power cord
   - RF (aerial) lead
   - This user's guide
   - Display stand
   - Five (5) M8*30 capscrews
   - Two (2) M8*100 capscrews
   - Two (2) washers for M8*100 capscrews
   - Hexagon key
2. Disconnect power to all your existing equipment.
3. Locate unit in preferred position.
4. Connect all equipment as shown in the diagram on the adjacent page.
5. Once all other connections are made, connect power and switch on your unit.

Remote Control Modes

The remote control must be in the same mode (analog or digital*) as the LCD TV in order for it to work properly. The Power/Status LED at the front of the unit indicates the current mode of your unit (see ***2-1 Front Panel Controls*** for the different modes and the corresponding LED indicator color).

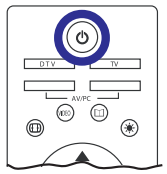
When the remote control is in analog mode, the **TV** button on your remote control will light up in green each time a button on the remote control is pressed. When the remote control is in digital mode*, the **DTV** button on your remote control will light up in yellow each time a button on the remote control is pressed.

LCD TV POWER LED	REMOTE CONTROL	MODE
GREEN	GREEN TV BUTTON	ANALOG TV
AMBER	YELLOW DTV BUTTON	DIGITAL TV*

* Available only with SAGEM AXIUM HD-L32 T.

Connecting Your TV

1. Connect an aerial antenna (see **Basic Connection** diagram on the adjacent page).
2. Insert batteries into the remote control (see ***4-2 Inserting Batteries into the Remote Control*** for more details).
3. Connect the power cord to the power cord connector on the back of your LCD TV (see **Basic Connection** diagram on the adjacent page).
4. Press the **Main Power** switch next to the power cord connector on the LCD TV.
5. Press the **POWER** button on your remote control.



Setting Up Analog TV

To change the language of the OSD menus

1. Press the **TV MENU** button on your remote control to access the Main Menu.
2. Use ▲▼ to highlight **Options**.
3. Press **OK**, and the Options Menu opens.
4. Use ▲▼ to highlight **Language**.
5. Use ◀▶ to select the desired language.
6. Press the **EXIT** button on your remote control to close the OSD.

To tune channels automatically

To quickly add all channels that have signals to your channel list, refer to ***7-1 Tuning Channels Automatically*** for detailed instructions.

Switching to Digital TV*

This LCD TV features an integrated digital TV tuner designed to receive digital broadcast.
To switch to digital TV, press the **DTV** button.

NOTE: When set to digital TV, the **DTV** button will light up in yellow each time you use your remote control.

When set to analog TV, the **TV** button will light up in green each time you use your remote control.

First Time Use

The first time you use your TV in DTV mode, you will have to perform a "First Installation procedure".

NOTE: The **OK** button always confirms a selection within these menus, and pressing it will take you to the next step in the installation process. However, and this is important, often more than one value has to be entered in a menu. First, perform all necessary settings on the different lines. Then confirm them all simultaneously by pressing **OK**.

Use ▲▼ to move upwards and downwards from one line to another.

Use ◀▶ to change settings. You can also use the numerical keys on the remote control to enter numeric values.

* Available only with SAGEM AXIUM HD-L32 T.

1. Press the **DTV** button to switch to digital TV.

2. Press **OK** on your remote control to continue. The **Menu Language** menu opens.

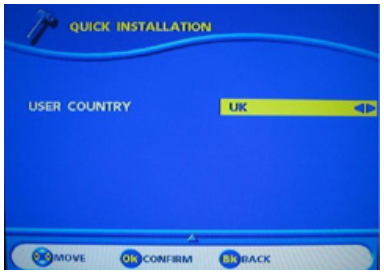
3. Select the desired language with ◀ ▶ and press **OK**.

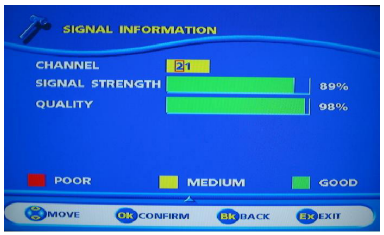
4. Select the desired country with ◀ ▶ and press **OK**. This will also set the current time.

5. The search procedure begins for digital TV and radio channels.
   NOTE: The search procedure may take a few minutes, so be patient. Cancel at any time by pressing **EXIT**.

   When the search procedure has ended, a message will indicate how many digital TV and radio channels have been found.

6. If the channel has found no channel, this screen is displayed to help you adjust the aerial.
   Enter a channel number (refer to http//www.dtg.org.uk/retailer/tx_details/_tx_index.htm. For example, Oxford channel numbers are 29, 34, 48, 51, 52, 68. These numbers depend on broadcasters and are subject to change.) and move the antenna until the signal and quality bars are green. When signal and quality are green, press to launch a new channel search.





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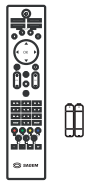
* Available only with SAGEM AXIUM HD-L32 T.

1 BEFORE YOU START

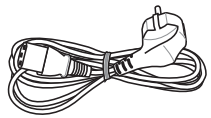
1-1 What's in the Box

When you receive your LCD TV, unpack it carefully, and check to make sure you have all the items below.

1 REMOTE CONTROL AND TWO AA BATTERIES



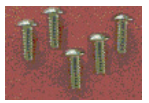
2 POWER CORD



3 RF CABLE

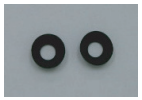
4 DISPLAY STAND

5 FIVE M8*30 CAPSCREWS



6 TWO M8*100 CAPSCREWS

7 TWO WASHERS



8 HEXAGON KEY

9 6-IN-1 CF ADAPTOR*

10 USER GUIDE

* Available only with SAGEM AXIUM HD-L32 T.

1-2 Optional Accessories

The following are optional accessories you may purchase for your LCD TV:

CABLE KITS

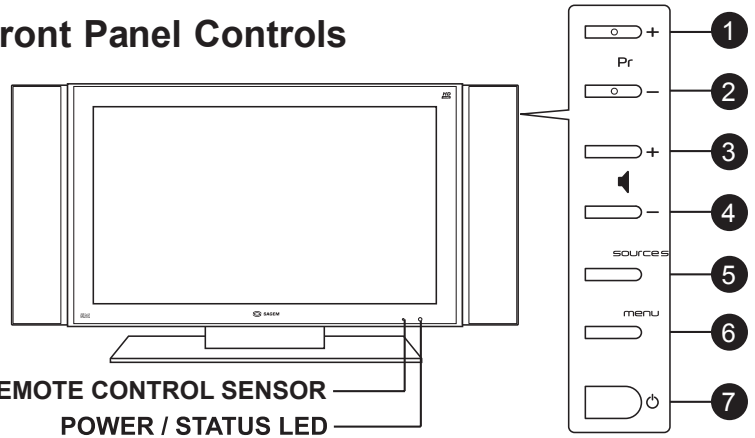
- RCA audio cable
- SCART lead/cable
- S-video video cable
- Composite video cable - RCA to RCA
- Component (YUV) video cable - 3 RCA to 3 RCA
- VGA video cable
- HDMI video cable

WALL MOUNT KIT

The SAGEM wall mount kit, which is sold separately, contains all of the required hardware for mounting your LCD TV on your wall. It is highly recommended that you find a qualified installer to do this.

2 YOUR LCD TV AT A GLANCE

2-1 Front Panel Controls

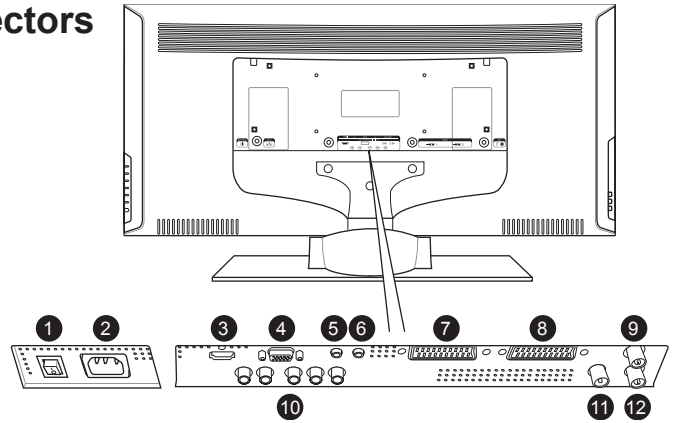


Red	in standby mode
Green	in TV mode
Amber	in DTV mode
Flashing	during IR reception

BUTTON	VIEWING FUNCTION (OSD OFF)	MENU FUNCTION (OSD ON)
1	Displays the next stored channel. N/A when the video source is set to DTV*.	Selects the next menu option.
2	Displays the previous stored channel. N/A when the video source is set to DTV*.	Selects the previous menu option.
3	Increases the sound level.	Displays a submenu with selections for the current menu option. Increases a menu option value.
4	Lowers the sound level.	Reduces a menu option value.
5	Selects the next input source.	Selects the next input source.
6	Activates the OSD main menu.	Returns to the previous menu or exits OSD menus.
7	Turns the LCD TV ON/OFF.	Turns the LCD TV OFF.

* Available only with SAGEM AXIUM HD-L32 T.

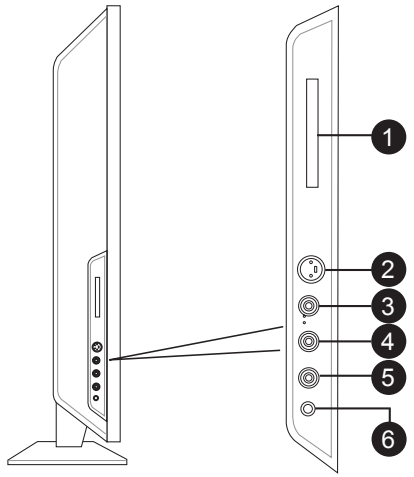
2-2 Back Connectors



CONNECTOR	DESCRIPTION
1	**Main power switch** - Turns the main power ON and OFF.
2	**Power cord connector** - Connect the power cable to this.
3	**HDMI** - Connect a Consumer Electronics device, such as a DVD player or HDTV STB, to this. **NOTE:** This connector can also accept DVI signal with a DVI-to-HDMI adaptor.
4	**VGA** - Connects to a computer's VGA terminal output.
5	**Audio In** - Connects to a computer's audio out jack.
6	**HiFi Out** - Connects to your audio amplifier device.
7	**SCART** - Connect a decoder, DVD player, or satellite box to this connector (RGB, S-Video, or Composite).
8	**SCART** - Connect a decoder, DVD player, or satellite box to this connector (RGB, S-Video, or Composite).
9	**TUNER (UHF/VHF-CATV)** - Connect to antenna or analog cable service.
10	**YUV** - Connect a component (YPbPr) device, such as a DVD player, to these connectors.
11	**DTV loop through*** - Feeds both analog and digital TV signals to the TV's tuner and enables independent recording of both analog and digital channels.
12	**DTV Antenna In*** - Connects to digital broadcast.

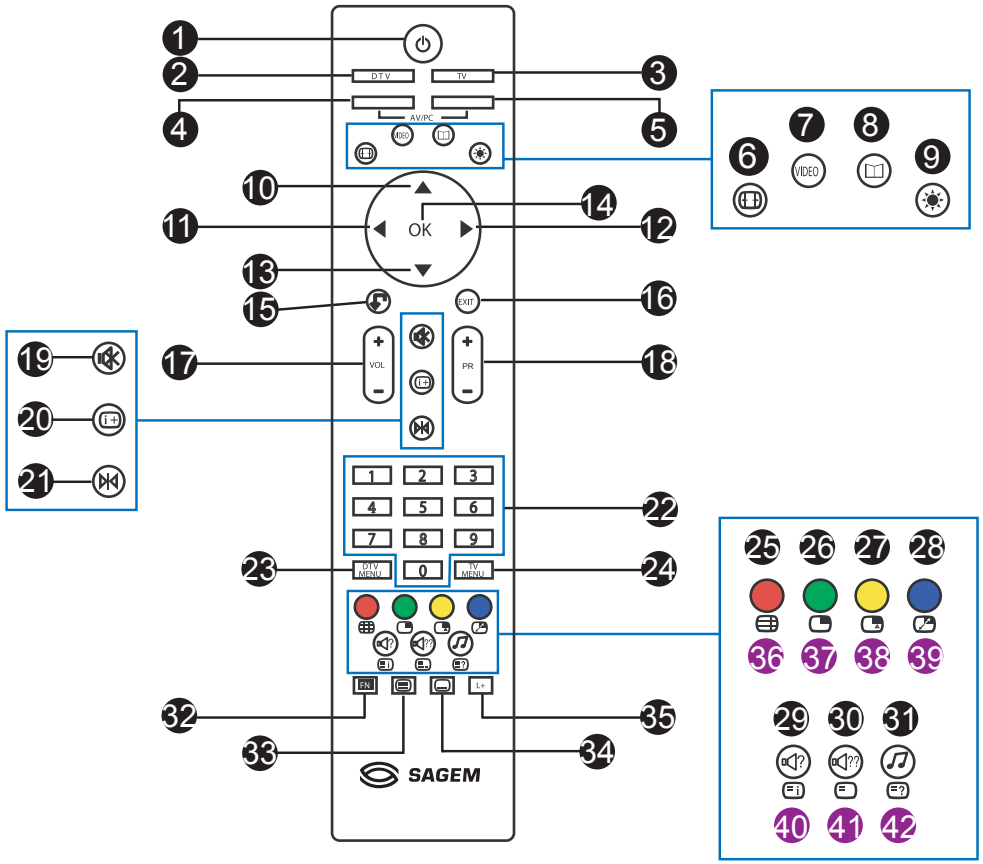
* Available only with SAGEM AXIUM HD-L32 T.

2-3 Right-side Connectors



CONNECTOR	DESCRIPTION
1	**Memory card reader*** - Supports Type I/II CompactFlash cards.For other compatible cards, please use the 6-in-1 adapter provided.
2	**AV3 (S-Video In)** - Connect an S-Video device to this.
3	**AV3 (Composite Video In)** - Connect a composite audio/video device, such as a camcorder or digital camera, to this connector.
4	**Audio In (Left)** - Connect the white (L) audio RCA from a composite or S-video device to this connector.
5	**Audio In (Right)** - Connect the red (R) audio RCA from a composite or S-video device to this connector.
6	**Headphone jack** - Connect a headphone to this stereo headphone jack. Using this jack automatically disables the built-in speakers.

3 YOUR REMOTE CONTROL AT A GLANCE



	BUTTON	DESCRIPTION (TV MODE)
1	POWER	Turns the power ON/OFF.
2	DTV*	Switches to DTV mode (Digital TV).
3	TV	Switches to TV mode (Analog TV).
4	AV	Changes the input source to AV1, AV2, or AV3.
5	PC	Changes the input source to YUV, HDMI, or VGA.
6	FORMAT	Selects the picture format (4:3, 14:9, 16:9, Zoom, Panorama) that best meets your viewing requirement.
7	VIDEO MODE	Sets the video mode. Options are User, Soft, Normal, Strong, and Intense.
8	GUIDE*	Displays the channel guide when in DTV mode.
9	BACKLIGHT	Adjusts the backlight brightness level.
10	UP	Navigates up in the on-screen display (OSD) menus.
11	LEFT	Navigates left in the on-screen display (OSD) menus.
12	RIGHT	Navigates right in the on-screen display (OSD) menus.
13	DOWN	Navigates down in the on-screen display (OSD) menus.
14	OK	Works as the ENTER button. Confirms selection. Displays the channel list in DTV* mode.
15	BACK	Toggles between the last viewed channel and the current channel.
16	EXIT	Exits from the on-screen display (OSD).
17	VOL+/VOL-	Increases/decreases the volume.
18	PR+/PR-	Changes the channel.
19	MUTE	Mutes or restores the sound volume.
20	INFO	Shows information about the current input source.
21	STILL	Freezes the displayed image.
22	NUMBER PAD	Selects a channel or enters a number.
23	DTV MENU*	Activates the DTV* OSD menu.

* Available only with SAGEM AXIUM HD-L32 T.

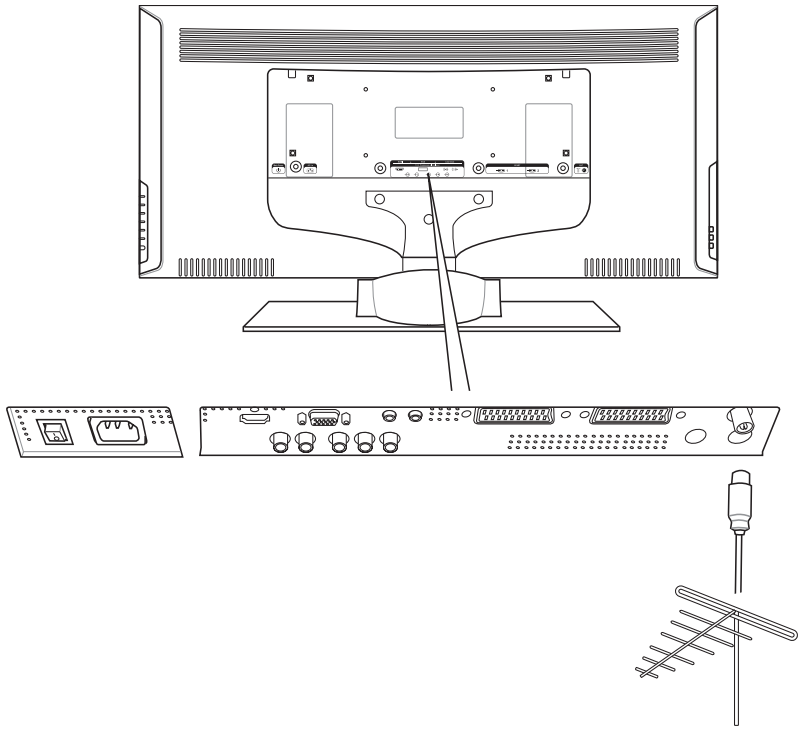
	BUTTON	DESCRIPTION (cont'd)
24	TV MENU	Activates the TV OSD menu.
25	RED	Activates Teletext RED functions.
26	GREEN	Activates Teletext GREEN functions.
27	YELLOW	Activates Teletext YELLOW functions.
28	BLUE	Activates Teletext BLUE functions.
29	AUDIO	Changes the audio mode.
30	AUDIO ENH	Options are STANDARD, SPATIAL, VIRTUAL DOLBY SURROUND, and ENHANCED SPATIAL.
31	RADIO*	Available in DTV mode only. Switches to Radio mode.
32	FUNCTION	Press to activate functions such as PIP that are marked in blue.
33	TELETEXT	Toggles ON/OFF Teletext mode.
34	SUBTITLES*	Activates subtitles in DTV mode.
35	LIST*	Changes the favorite list when in DTV mode.
36	FN + 25	**MOSAIC** - Activates Multi Channel View mode (only available in Analog Mode).
37	FN + 26	**PIP, PAP, Full Screen** - Selects PIP mode.
38	FN + 27	**PIP SEL** - Changes sub source (TV/AV1/AV2/AV3) when the main source is set to YUV, HDMI, or VGA, or vice versa.
39	FN + 28	**PIP SWAP** - Swaps the main and sub pictures.
40	FN + 29	**Teletext Index** (only in Teletext mode)
41	FN + 30	**Teletext List** (only in Teletext mode)
42	FN + 31	**Teletext Reveal** (only in Teletext mode)

* Available only with SAGEM AXIUM HD-L32 T.

4 BASIC LCD TV SETUP

4-1 Connecting an Aerial Antenna

Connect the outdoor aerial (antenna) cable lead-in to the TUNER (UHF/VHF-CATV) jack on the back of your LCD TV using the supplied RF (coaxial) lead. See ***2-2 Back Connectors*** for location.



4-2 Inserting Batteries into the Remote Control

Before using the remote control for the first time, insert two AA batteries (supplied). When the batteries become depleted and the remote control fails to operate, replace the batteries with new batteries.

TO INSERT BATTERIES

1. Remove the battery cover on the back of the remote control.

2. Insert two AA batteries into the remote control. Make sure that you match the + and -on the batteries with the + and - symbols inside the battery compartment.

3. Close the battery cover by aligning it with the base of the remote control and sliding it back into place.

NOTE: Always recycle used batteries in accordance with local regulations. Contact your local recyling center for proper disposal information.

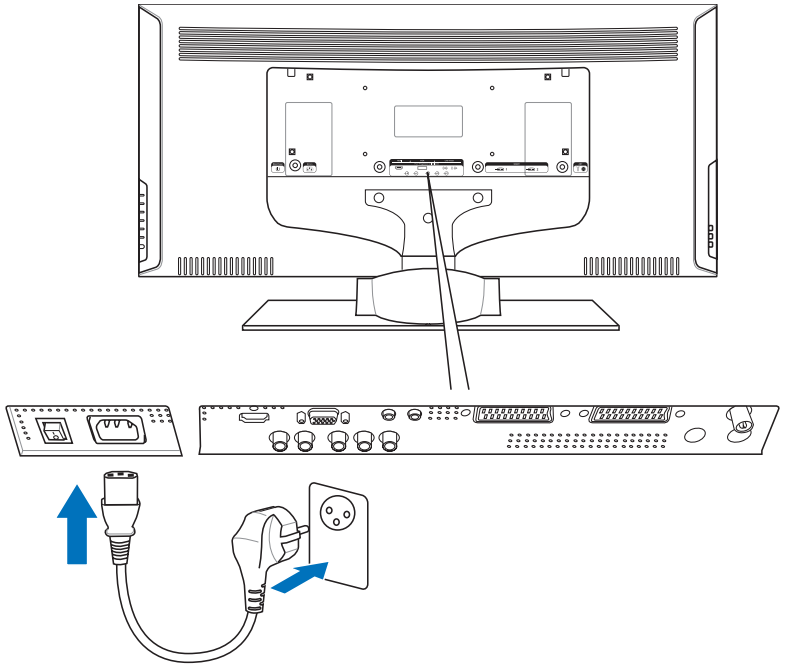
- The batteries supplied are not rechargeable.
- Pay particular attention to environmental matters.
- Take the defective or used batteries to places provided for this effect in accordance with current regulations; never throw them in the dustbin.

4-3 Using the Remote Control (Basic Operation)

Point the remote control towards the remote control sensor window located on the front of your LCD TV. Make sure no objects are in the line of aim, otherwise the remote control may not operate properly.

4-4 Plugging In Your LCD TV

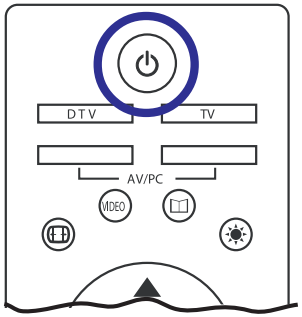
1. Connect the power cord to the power cord connector on the back of your LCD TV (see ***2-2 Back Connectors***).
2. Plug the other end of the power cord into a properly grounded electrical outlet or surge protector.



4-5 Turning ON the Power

1. Press the **Main Power** switch next to the power cord connector on the LCD TV. The Status LED on the front turns red and your LCD TV is ready to turn on.

2. Press the **POWER** button on the right side of your LCD TV or on your remote control. The Status LED on the front turns green, and the unit turns on.



NOTE: When in analog TV mode, the power LED at the front of your unit will be green.

When in digital TV* mode, the power LED at the front of your unit will be amber.

* Available only with SAGEM AXIUM HD-L32 T.

5 CONNECTING EXTERNAL DEVICES

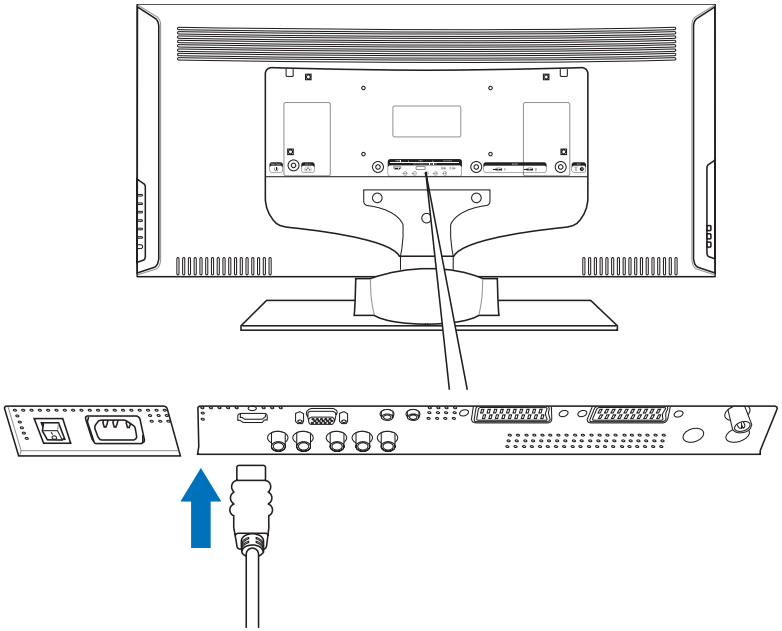
Read this section to learn how to connect the following devices:

- DVD players
- DTV or HDTV set-top boxes
- VCRs
- Computers
- Game players

WARNING! Before connecting any external components, make sure to unplug your LCD TV and any connecting devices to prevent damage.

5-1 Connecting an HDMI Device

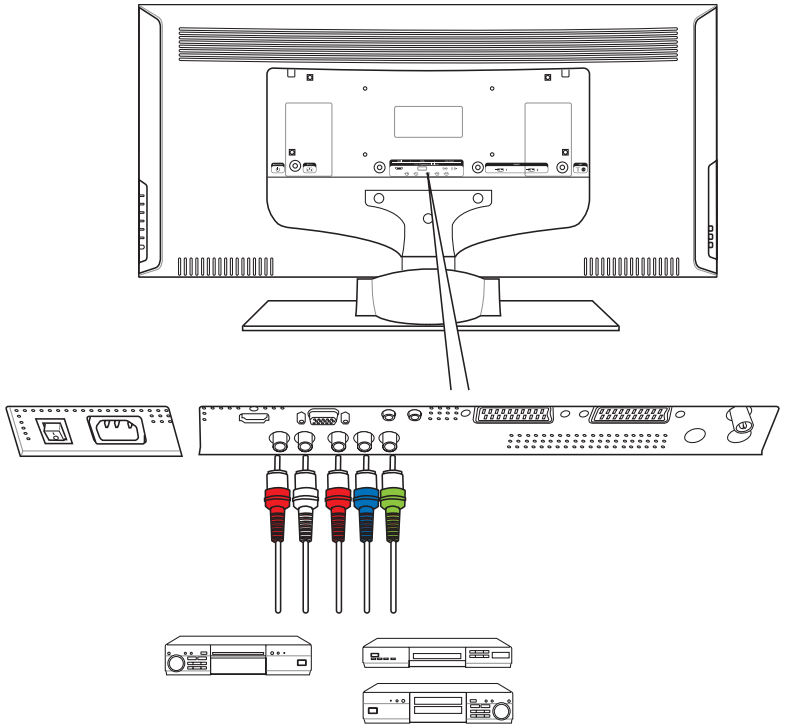
1. Connect one end of an HDMI cable (not supplied) to your device and the other to the HDMI connector on the back of your LCD TV. See ***2-2 Back Connectors*** for location.
2. Turn on your LCD TV (see ***4-5 Turning ON the Power***), then press the **PC** button on your remote control repeatedly to select **HDMI**.



NOTE: To connect a DVI device, use a DVI-to-HDMI adaptor. You will also have to connect the audio cable from your DVI device to the PC Audio In connector.

5-2 Connecting a Component Device

1. Connect the green-colored Y RCA jack on the back of your device to the green-colored Y RCA jack on the back of your LCD TV.
2. Connect the red-colored Pr RCA jack on the back of your device to the red-colored Pr RCA jack on the back of your LCD TV.
3. Connect the blue-colored Pb RCA jack on the back of your device to the blue-colored Pb RCA jack on the back of your LCD TV.
4. Connect the red (R) and white (L) audio RCA jacks on the back of your device to the YUV R and L audio-in RCA jacks on the back of your LCD TV.
5. Turn on your LCD TV, then press the **PC** button repeatedly to select **YUV**.



5-3 Connecting a VCR Using Coaxial (RF)

5-3-1 Video Recorder without Decoder

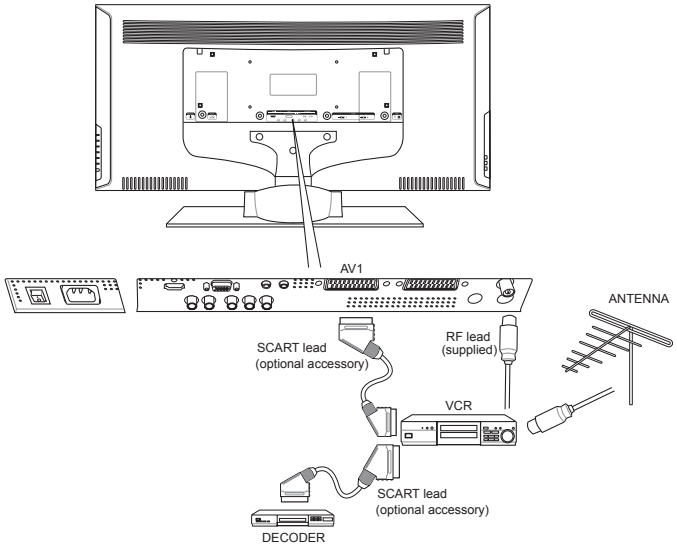
To record digital programmes from your LCD TV, the VCR must be connected to a SCART connector.

NOTE: If your VCR does not have a SCART connector, the only connection possible is via the aerial cable. You will therefore need to tune in your video recorder's test signal and assign it to a program number. In this case, it will not be possible to record digital channels.

5-3-2 Video Recorder with Decoder

Connect the decoder to the second SCART connector on your video recorder. You will then be able to record scrambled transmissions.

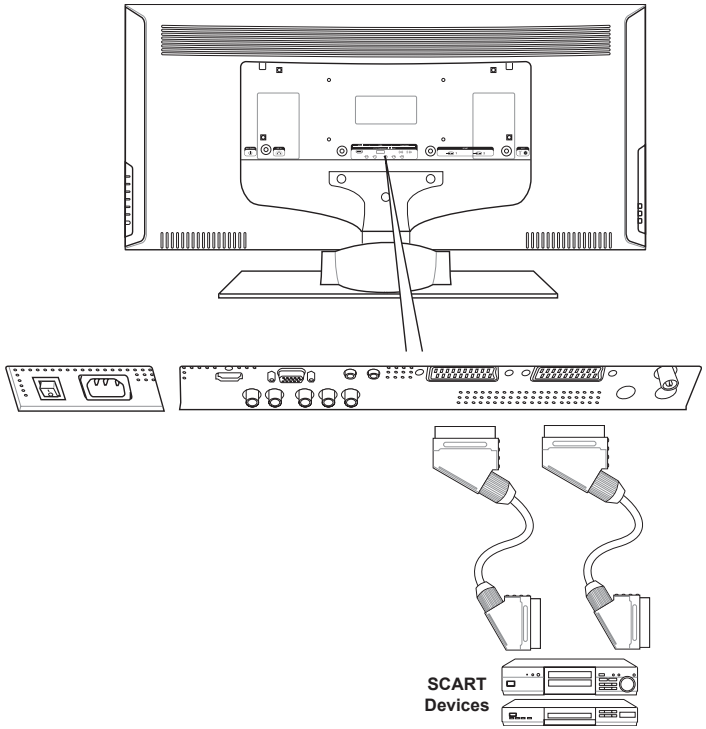
WARNING! If an outdoor antenna or cable system is connected to your LCD TV, make sure that the antenna or cable system is correctly grounded.



5-4 Connecting a SCART Device

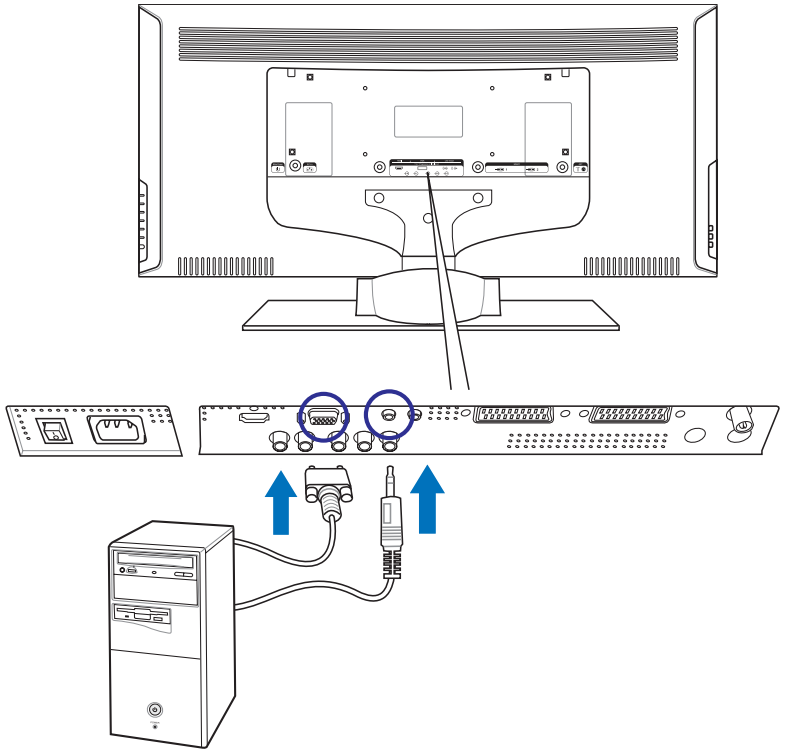
1. Connect one end of a 21-pin Euro-SCART lead (not supplied) to your device and the other to the SCART connector on the back of your LCD TV. See ***2-2 Back Connectors*** for location.
2. Turn on your LCD TV (see ***4-5 Turning ON the Power***), then press the **AV** button repeatedly to select either **AV1** or **AV2**, depending on to which connector your SCART device is connected.

NOTES: The picture format (16:9) is automatically detected by your unit.



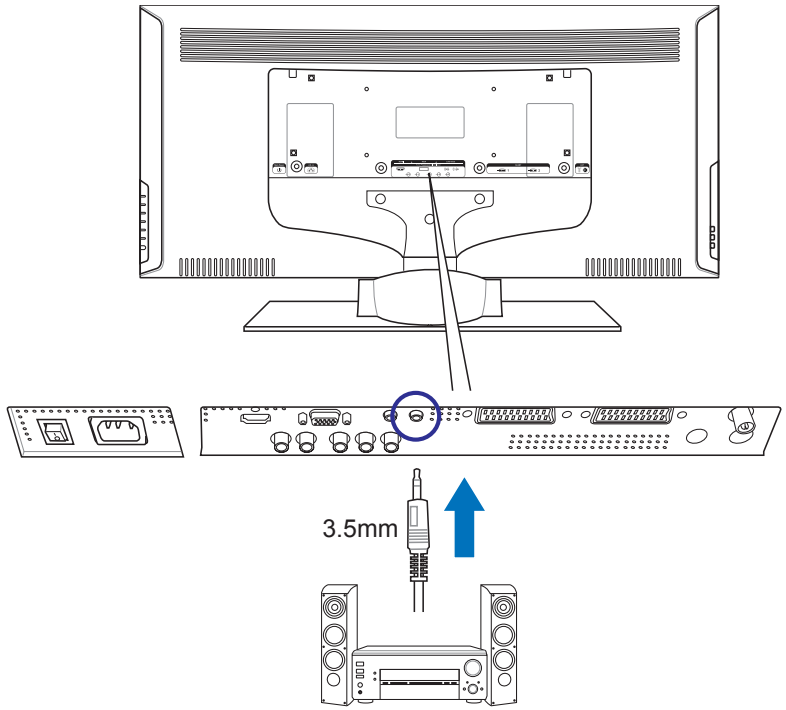
5-5 Connecting a Computer (VGA)

1. Connect the VGA connector on your computer to the VGA connector on the back of your LCD TV with a VGA monitor cable.
2. Connect the Audio Out jack on your computer to the Audio In jack on the back of your LCD TV.
3. Turn on your LCD TV (see ***4-5 Turning ON the Power***), then press the **PC** button on your remote control to select **VGA** as your input source.



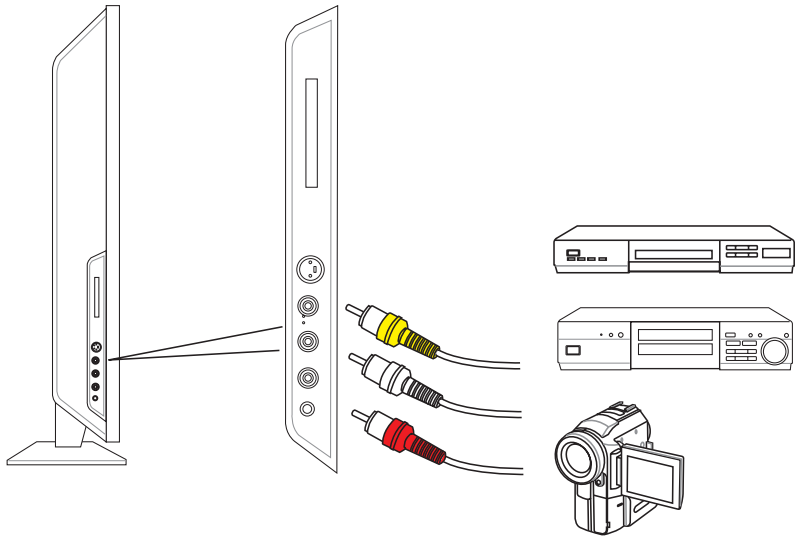
5-6 Connecting an Audio Amplifier Device

Connect an audio amplifier device to the HiFi Out jack on the back of your LCD TV.



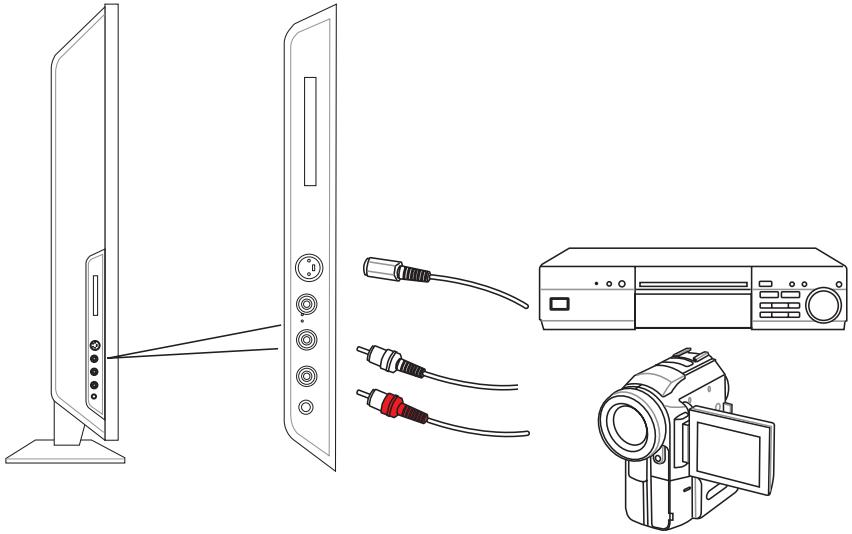
5-7 Connecting a Composite Device

1. Connect the yellow video RCA from your VCR, camcorder, or digital camera to the yellow AV3 videoRCA connector on the right-side of your LCD TV with an RCA cable (not supplied).
2. Connect the red (R) and white (L) audio jacks from your VCR, camcorder, or digital camera to the appropriately numbered AV3 R and L audio-in jacks on the right-side of your LCD TV.
3. Turn on your LCD TV (see ***4-5 Turning ON the Power***), then press the **AV** button on your remote control repeatedly to select **AV3**.



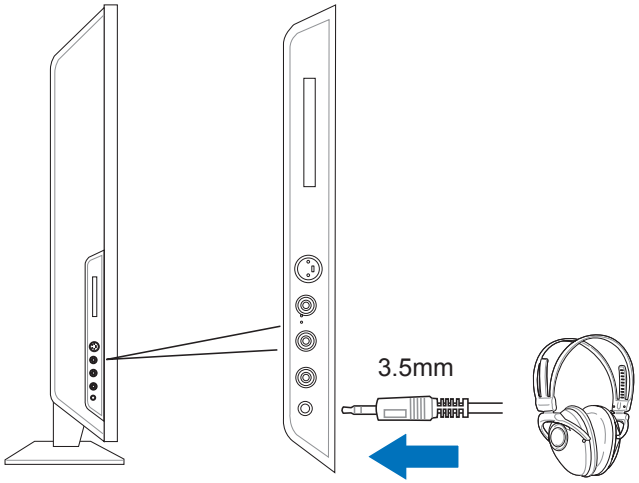
5-8 Connecting an S-Video Device

1. Connect the S-Video mini-DIN connector on the back of your S-Video device to the S-VIDEO connector on the right-side of your LCD TV with the correct optional cable.
2. Connect the red (R) and white (L) audio RCA jacks on the back of your S-Video device to the R and L audio-in RCA jacks on the right-side of your LCD TV.
3. Turn on your LCD TV (see ***4-5 Turning ON the Power***), then press the **AV** button on your remote control repeatedly to select **AV3**.



5-9 Connecting a Headphone

Connect a headphone to the Line Out jack on the right-side of your LCD TV.



NOTE: When a headphone is connected, the TV's internal speakers are turned OFF.

6 ADJUSTING TV SETTINGS

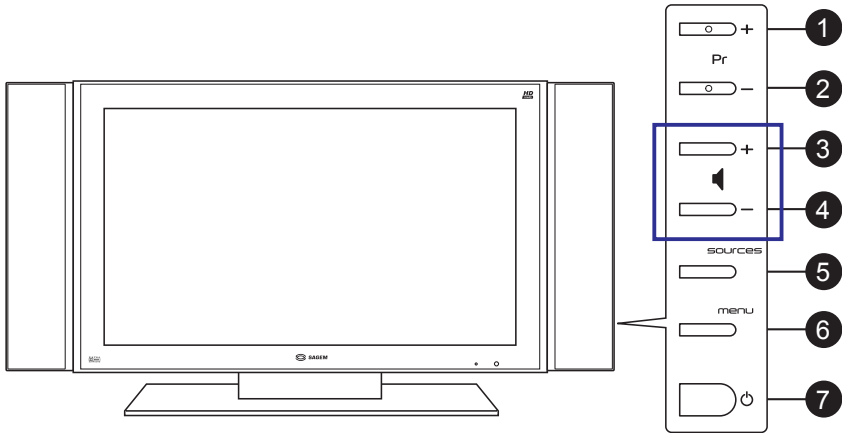
6-1 Basic Operations

6-1-1 Adjusting the Volume

You can adjust the volume in two ways - from your LCD TV's right side panel or by using the remote control.

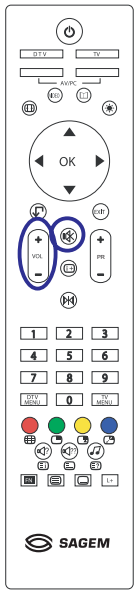
TO ADJUST VOLUME FROM THE RIGHT SIDE PANEL

Press + / − to increase/decrease the sound level.



TO ADJUST VOLUME FROM THE REMOTE

Press (see illustration for location) to turn up or turn down the volume.



TO TEMPORARILY TURN OFF VOLUME (MUTE)

Press the **MUTE** button on the remote control.

TO TURN VOLUME BACK ON

Press the **MUTE** button again or press .

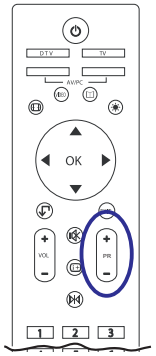
6-1-2 Selecting Channels

TO SELECT CHANNELS FROM THE LCD TV

Press to select channels.

TO SELECT CHANNELS FROM THE REMOTE

Press (see illustration for location) or use the number pad to input the channel number..



6-2 Using the TV On-screen Display (TV OSD)

Your LCD TV features an on-screen display (OSD) that lets you adjust and save contrast, brightness, and other settings. All the function settings are accessible either through the proper control buttons on the right side of your LCD TV or through the remote control. OSD menus may be different depending on the current input source.

6-2-1 Making Adjustments

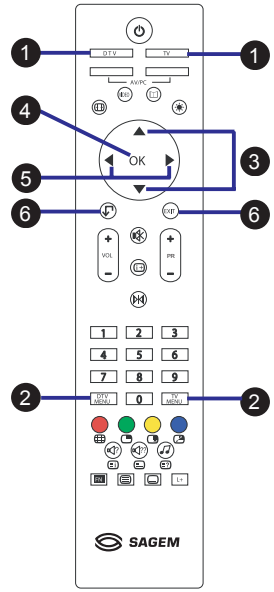
You can access the OSD from either the right side of your LCD TV display or from your remote control.

1. With the power ON, press the **TV** button.
2. Press **TV MENU** to access the Main Menu. In DTV* mode, press **DTV MENU** to set DTV* parameters.

   NOTE: When you press the **TV MENU** button on your remote control, the remote control switches automatically to TV mode.
3. Press to select one of the menu options.
4. Press **OK** on your remote control to access the submenu.
5. Press to make adjustments.
6. Press the **BACK** button to return to the previous menu option.

   - OR -

   Press the **EXIT** button to close the OSD.



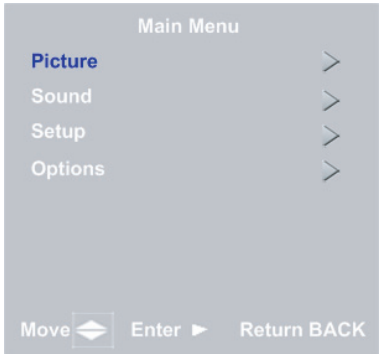
* Available only with SAGEM AXIUM HD-L32 T.

6-3 OSD Menus and Options

You can use these OSD menus and options to adjust various settings for your LCD TV.

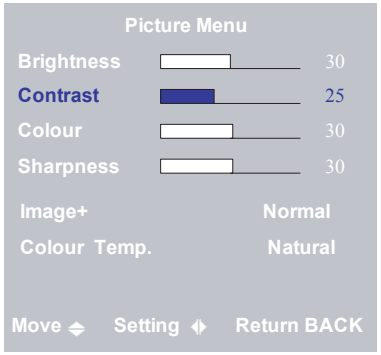
6-3-1 With Source Input Set to TV

Main Menu



Picture Menu

To access the Picture Menu, highlight **Picture** from the Main Menu and press **OK**.



Contrast - Adjusts the contrast ratio.

Brightness - Adjusts the luminance of the image.

Colour - Adjusts the color intensity, making colors more or less intense.

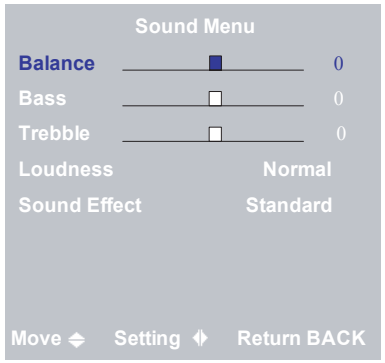
Sharpness - Adjusts the sharpness of the image.

Image - Adjusts the image clarity. Options are Normal and Crystal+.

Colour Temp - Adjusts the color temperature. Options are Natural, Cold, and Warm.

Sound Menu

To access the Sound Menu, highlight **Sound** from the Main Menu and press **OK**.



Balance - Adjusts the level of sounds between the left and right speakers.

Bass - Adjusts the bass value to enhance the low frequency sounds.

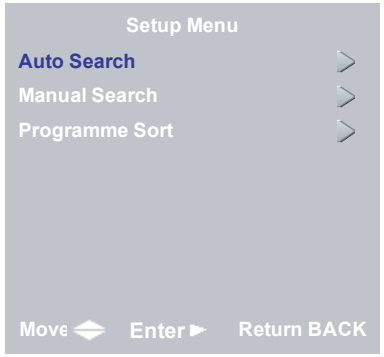
Treble - Adjusts the treble value to enhance high frequency sounds.

Loudness - Sets the sound intensity.

Sound Effect - Select Standard, Spatial, Virtual Dolby Surround, or Enhanced Spatial.

Setup Menu

To access the Setup Menu, highlight **Setup** from the Main Menu and press **OK**.



Auto Search - Select this option allows you to automatically search for all analog programmes that are available in your region.

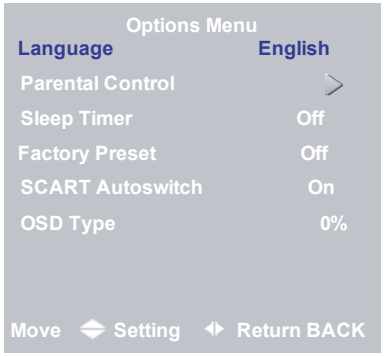
Manual Search - Select this option allows you to store analog programmes one at a time.

Programme Sort - Select this option to rearrange the channel list and remove channels from the channel list.

NOTE: See ***7 Tuning Your LCD TV*** for detailed procedures for **Auto Search** and **Manual Search**.

Options Menu

To access the Options Menu, highlight **Options** from the Main Menu and press **OK**.



Language - Changes the language of the OSD menu.

Parental Control - Activates parental controls. This option is accessible only from the remote control.

Sleep Timer - Turns the sleep timer ON/OFF. Select 15, 30, 45, 60, 90, or 120 minutes.

Factory Preset - Resets user password to 0000 and deletes the analog channel list.

SCART Autoswitch - Sets the SCART autoswitch ON or OFF.

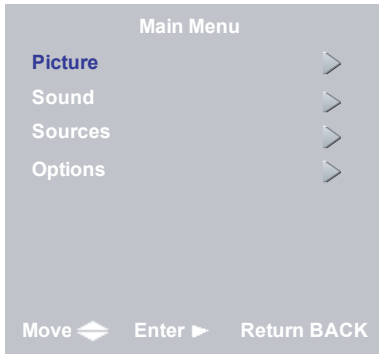
OSD Type - Sets the transparency of the OSD. Options are 0%, 50%, 100% (OSD gray background), and 50%, 100% (blue background).

NOTE: See ***8 Advanced Settings*** for detailed procedures for **Parental Control** and **Sleep Timer**.

6-3-2 With Source Input Set to AV1, AV2, AV3, or DTV

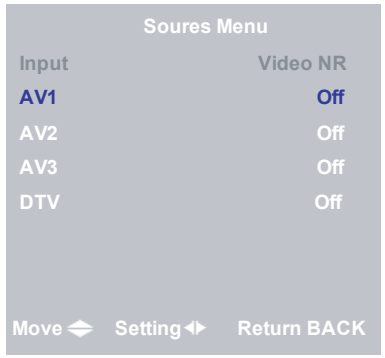
NOTE: The Picture, Sound, and Options Menu for these inputs are the same as those for TV and DTV sources.

Main Menu



Sources Menu

To access the Sound Menu, highlight **Sound** from the Main Menu and press **OK**.



Set the Video NR for each input source from this menu. Turn Video NR ON to reduce on-screen noise.

Four modes are available:

OFF: not activated

LOW: if original screen noise is low

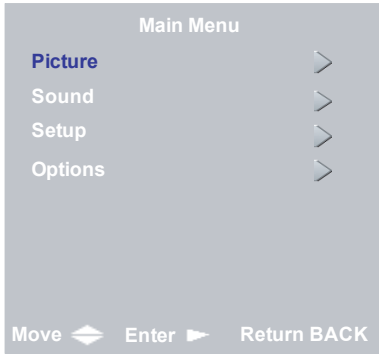
MIDDLE: if original screen noise is middle

HIGH: if original screen noise is high

6-3-3 With Source Input Set to PC VGA, HDMI, or YUV

NOTE: The Sound Menu and Options Menu for this input is the same as the one for TV.

Main Menu



Picture Menu

To access the Picture Menu, highlight **Picture** from the Main Menu and press **OK**.

Brightness - Adjusts the luminance of the image.

Contrast - Adjusts the contrast ratio.

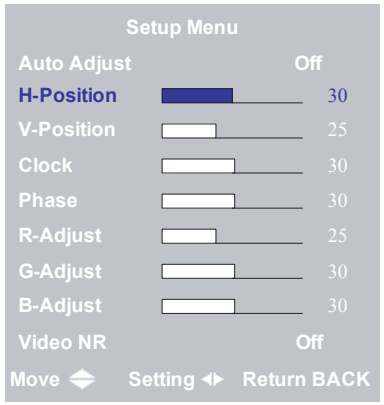
Colour - Adjusts the color saturation, making colors more or less intense.

Sharpness - Adjusts the sharpness of the image.

Colour Temp - Adjusts the color temperature. Options are Natual, Cool, and Warm.

Setup Menu

To access the Setup Menu, highlight **Setup** from the Main Menu and press **OK**.



Auto Adjust - Automatically adjusts to the best image position, as well as the best clock and phase settings.

H-Position - Adjusts the horizontal position of the image.

V-Position - Adjusts the vertical position of the image.

Clock - Adjusts your LCD TV to match the video input source. Used when patterns appear.

Phase - Adjusts the picture to remove any noise such as, horizontal distortion, and clears or sharpens the displayed characters.

R-Adjust - Adjusts the red color.

G-Adjust - Adjusts the green color.

B-Adjust - Adjusts the blue color.

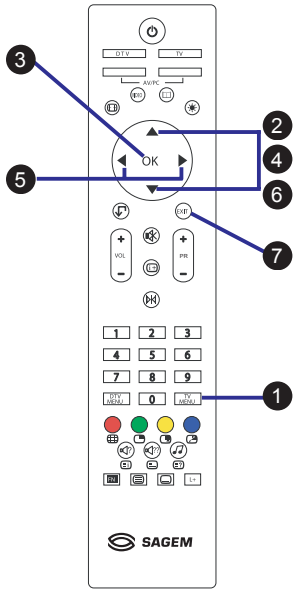
Video NR - Turns Video NR ON or OFF. Turn Video NR ON to reduce on-screen noise. Four modes: OFF/LOW/MIDDLE/ HIGH.

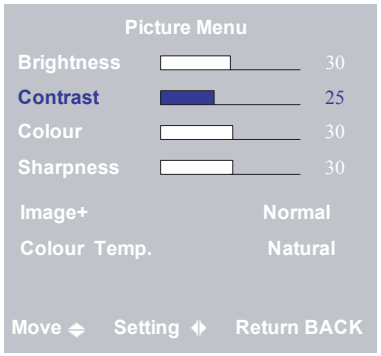
NOTE: Depending on the selected input source, some options may be disabled (grayed out).

6-4 Adjusting Picture Settings

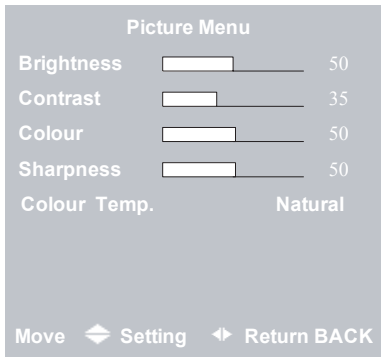
Follow these steps to adjust your LCD TV image.

1. Press **TV MENU** to call up the on-screen display (OSD) main menu.
2. Press ▲▼ to highlight **Picture**.
3. Press **OK**. The **Picture Menu** opens.
4. Press ▲▼ to select the option you want to adjust.
5. Press ◀ ▶ to adjust the setting.
6. Press ▲▼ to select and adjust other picture settings.
7. Press **EXIT** to close the OSD menus.





Source Input - TV



Source Input - AV

7 TUNING YOUR ANALOG TV

7-1 Tuning Channels Automatically (AUTO SEARCH)

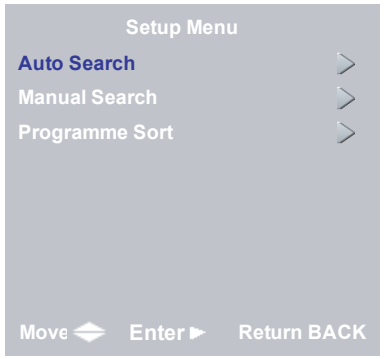
With the input source set to TV, use this option to quickly add all channels that have a signal to the channel list.

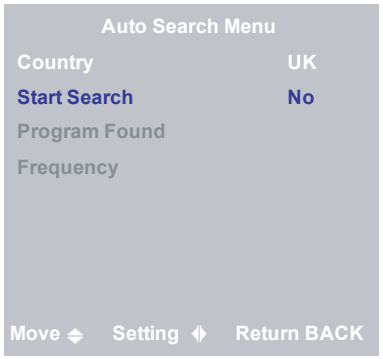
TO TUNE CHANNELS AUTOMATICALLY

1. Press the **TV MENU** button on the remote control to open the OSD.
2. Press ▲▼ to select **Setup Menu**.
3. Press **OK** to open the menu.
4. Press ▲▼ to select **AUTO SEARCH**.
5. Press **OK** to open the Auto Search submenu.
6. Press ▲▼ to select **Start Search**.
7. Use ◀ ▶ to select **Yes** to start search.

   The LCD TV will search for all available channels. This will take a few minutes.

NOTE: Auto Search replaces your previous channel list.





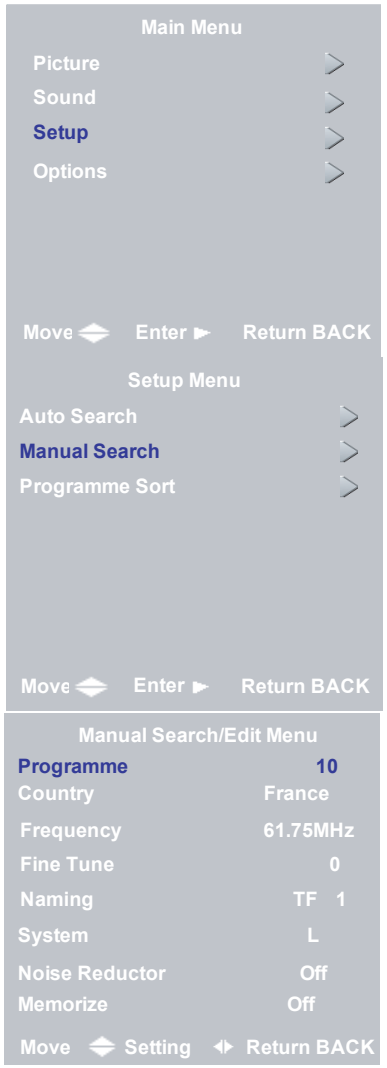
7-2 Tuning Channels Manually (MANUAL SEARCH)

Use this option to add certain channels to the channel list.

TO ADD CHANNELS MANUALLY

1. Press the **TV MENU** button on the remote control to open the OSD.
2. Press ▲▼ to select **Setup Menu**.
3. Press **OK** to open the menu.
4. Press ▲▼ to select **MANUAL SEARCH**.
5. Press **OK** to select. The Manual Search menu opens.
6. Press ▲▼ to select the method to use for search.
7. Use ◀▶ to select setting for the method selected.

   To change the settings for Channel, Name, or Frequency, press **OK** and then enter the numbers and/or characters. Press **OK** again when finished.
8. When finished, press **EXIT** to close the OSD.

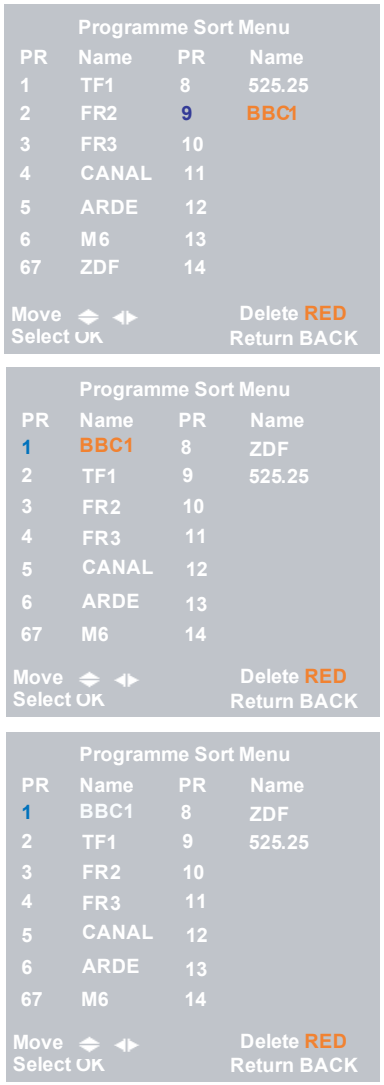


7-3 Sorting Channels (PROGRAMME SORT)

To sort the channels so that, for example, BBC1 is stored as number "1", follow the steps below:

1. Press the **TV MENU** button on the remote control to open the OSD.
2. Press ▲▼ to select **Setup Menu**.
3. Press **OK** to open the menu.
4. Press ▲▼ to select **PROGRAMME SORT**.
5. Press **OK** to select. The Programme Sort menus opens.
6. Use ▲▼ and ◀▶ to find your first chosen channel e.g. BBC1.
7. Press **OK** to highlight in red.
8. Press ▲▼ to move the channel to your selected position e.g. "1".
9. Press **OK**, the channel name will change from red to white.
10. Repeat steps 6-9 for all the channels you want to watch. When complete, press the **EXIT** button to close the OSD menu.

Now you will be able to select programmes using the number pad or PR on your remote control.

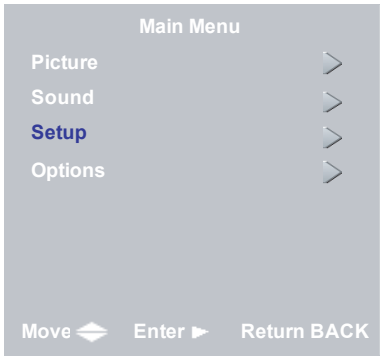


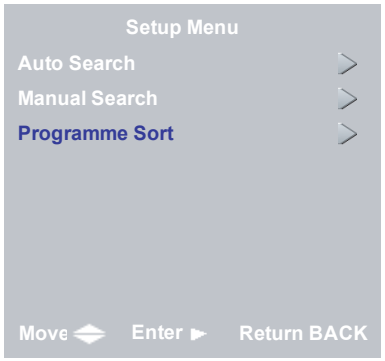
ENGLISH

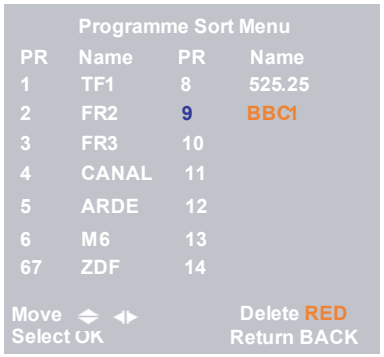
7-4 Removing Unwanted Channels (MANUAL SEARCH)

TO REMOVE CHANNELS

1. Press the **TV MENU** button on the remote control to open the OSD.
2. Press ▲▼ to select **Setup Menu**.
3. Press **OK** to open the menu.
4. Press ▲▼ to select **PROGRAMME SORT**.
5. Press **OK** to select. The Programme Sort menus opens.
6. Use ▲▼ and ◀ ▶ to highlight the channel you want to remove.
7. Press ● (red) to remove the highlighted channel.







8 ADVANCED SETTINGS AND FUNCTIONS

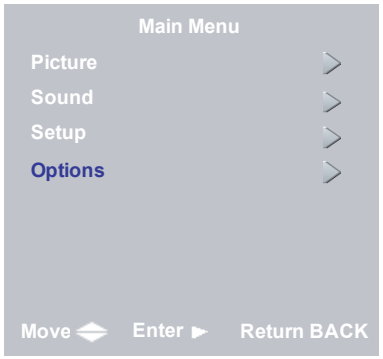
8-1 Setting the Sleep Timer

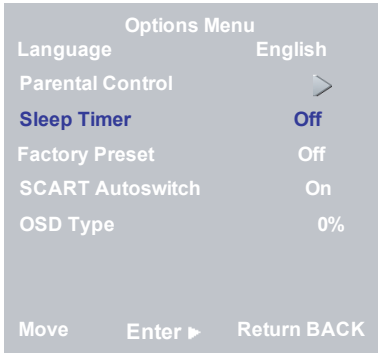
The sleep timer allows your LCD TV to automatically turn OFF after a given amount of time. You can set the sleep timer through the on-screen display (OSD).

TO SET THE SLEEP TIMER

1. Press the **TV MENU** button on the remote control to open the OSD.
2. Press ▲▼ to select **Options**.
3. Press **OK** to open the menu.
4. Press ▲▼ to select **Sleep Timer**.
5. Use ◀ ▶ to select the time duration (in minutes) that you want.
6. Press the **OK** button on the remote control to confirm. The sleep timer appears at the top of your screen.

NOTE: To turn off the sleep timer, access the OSD menu and set SLEEP TIMER to OFF.



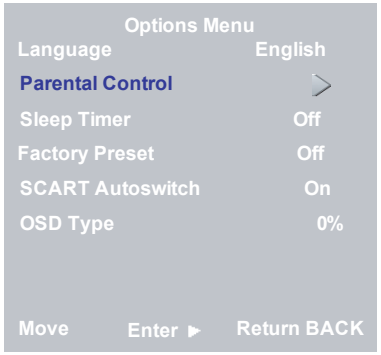


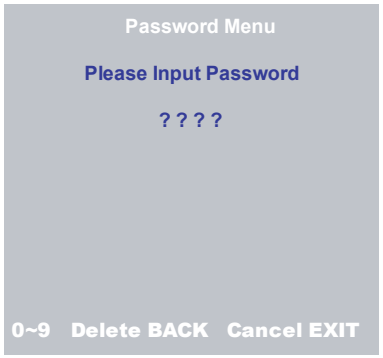
8-2 Setting Parental Control

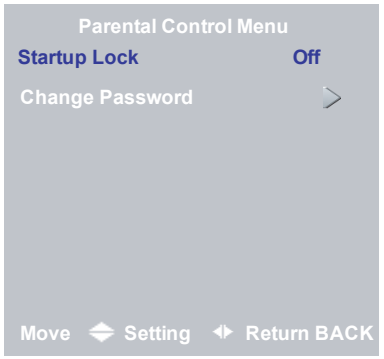
The Parental Control feature prevents viewers from turning on the TV without entering a password.

TO SET PARENTAL CONTROL

1. Press the **TV MENU** button on the remote control to open the OSD.
2. Press ▲▼ to select the **Options** menu.
3. Press **OK** to open the menu.
4. Press ▲▼ to select the **Parental Control** submenu.
5. Press **OK** to open the submenu.
6. Use the number pad to enter your password if prompted.
   If the password is 0000, the system skips the Input Password screen.
7. Press **OK**.
8. Press ▲▼ to select **Startup Lock**.
9. Press ◀▶ to select **On**.
10. Press **EXIT** when you are finished making changes to this option.





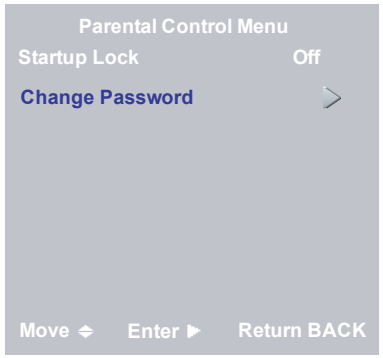


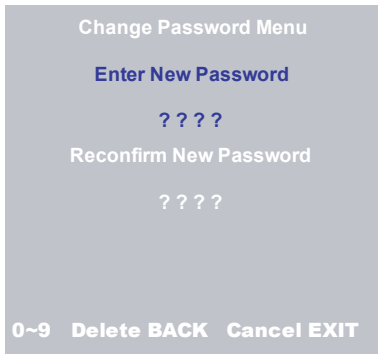
8-3 Setting a Password

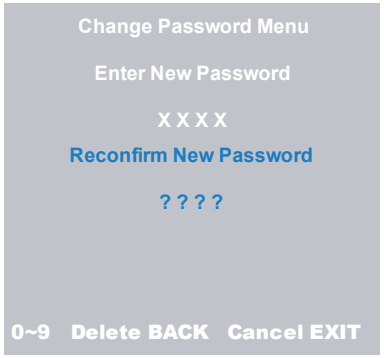
You control access to the parental control with a password. The default password is 0000. You can change the password to any four-digit number.

TO SET OR CHANGE A PASSWORD

1. Press the **TV MENU** button on the remote control to open the OSD.
2. Press ▲▼ to select the **Options** menu.
3. Press **OK** to open the menu.
4. Press ▲▼ to select **Parental Control**.
5. Press **OK** to open the submenu.
6. Use the number pad to enter your password if prompted.
7. Use ▲▼ to select the **Change Password** submenu.
8. Press **OK** opens the **Password** menu.
9. Use the number pad to enter a new four-digit password when prompted.
10. Re-enter the new four-digit password.
11. Press **EXIT** to close the OSD.







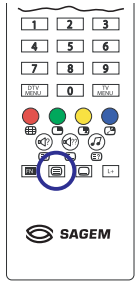
ENGLISH

8-4 Displaying Teletext

Many television stations provide Teletext, a written information service, in addition to regular television broadcasting. Information such as television program times, news bulletin, weather forecast, stock exchange prices, and closed captioning for the deaf, are sent by a TV station to your LCD TV through special Teletext signals and displayed on screen.

8-4-1 To Turn ON/OFF Teletext Mode

1. Select a TV channel that provides Teletext service.
2. Press the **TELETEXT** button to activate Teletext mode.
3. To turn OFF Teletext mode, press the **TELETEXT** button twice.



Teletext Mix Mode

8-4-2 Teletext Buttons

(red)	Activates Teletext RED functions.
(green)	Activates Teletext GREEN functions.
(yellow)	Activates Teletext YELLOW functions.
(blue)	Activates Teletext BLUE functions.
	First press - displays Teletext (if available) **Second press** - displays Teletext in Mix mode with transparent background **Third press** - turns off Teletext.
[FN +]	Teletext Index (only in Teletext mode)
[FN +]	Teletext List (only in Teletext mode)
[FN +]	Teletext Reveal (only in Teletext mode)

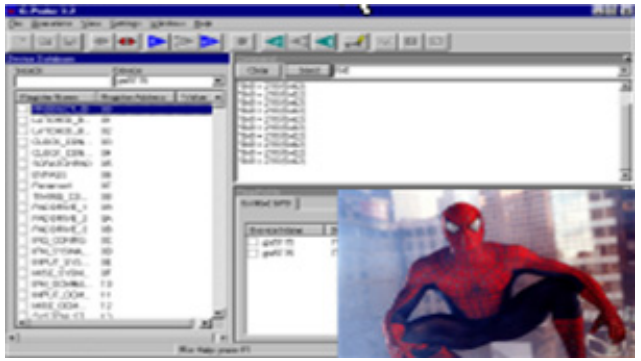
8-5 Dual Picture Modes

[FN + (green)]	**PIP, PAP, Full Screen** - Selects PIP mode.
[FN + (yellow)]	**PIP SEL** - Changes sub source (TV/AV1/AV2/AV3) when the main source is set to YUV, HDMI, or VGA, or vice versa.
[FN + (blue)]	**PIP SWAP** - Swaps the main and sub pictures.

NOTE: This function is not available if the current source is DTV*.

8-5-1 Picture in Picture (PIP)

The Picture in Picture (PIP) function displays a small image from a secondary source on the screen within the main picture.



* Available only with SAGEM AXIUM HD-L32 T.

To display PIP, on your remote control press FN and then press (green).

To change the main picture source, press the **TV**, **AV**, or **PC** button on your remote control.

To change the sub (smaller) picture source, on your remote control press FN and then press (yellow).

NOTE: If the main source is a video one (TV, AV1, AV2, AV3), the sub source can only display a graphic source (VGA, DVI/HDMI, YUV) and vice versa.

To swap the main and sub picture locations, on your remote control press FN and then press (blue).

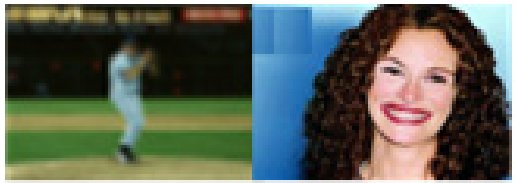
To change the size of the sub picture, press ▲▼ on your remote control.

To change the position of the sub picture on screen, press ◀ ▶ on your remote control.

To change the sound source from main to sub source or vice versa, press ◀ ▶ while the PIP or sound source text is still on screen.

8-5-4 Picture and Picture (PAP)

The Picture and Picture (PAP) function displays two equal size split screen images so that you can watch two programs at a time. The left image displays the main picture while the right image displays the sub picture.



To display PAP, on your remote control, press FN and then press (green) twice.

To change the main picture source, press the **TV**, **AV**, or **PC** button on your remote control.

To change the sub (right side) picture source, on your remote control press FN and then press (yellow).

To swap the main and sub picture locations, on your remote control press FN and then press (blue).

To change the sound source from main to sub source or vice versa, press ◀ ▶ while PAP or sound source text is still on screen.

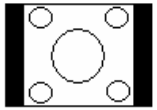
8-6 Multi-channel View Mode

To activate channel scan, press the **MOSAIC** button. Press this button again to stop channel scan and return to the main source.

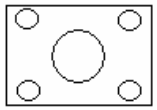
NOTE: This feature is only available in Analog Mode.

8-7 Picture Formats

Press the **FORMAT** button repeatedly to move through the different picture format options. Each time that you press the **FORMAT** button on your remote control, the display format information will show at the top-left corner of the display for a few seconds.

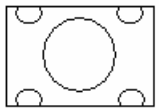


4:3
Displays a 4:3 input picture at its standard 4:3 size without any distortion. Black bands will be visible down the left and right sides of the picture.

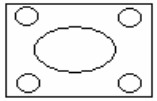


14:9
Displays the picture enlarged to 14:9 format with part of the top and bottom of a 4:3 image cut off. Thin black bands are visible on both the right and left sides of the picture.

16:9 (full screen)
Displays a true 16:9 picture full screen with no distortion.



Zoom
Enlarges or reduces the original picture without distorting it. Use ◀ ▶ to change the zoom factor. Use ▲ ▼ to move the picture up and down.



Panorama (4:3 stretch)
Displays a 4:3 input picture stretched to full screen. The picture is progressively stretched from the center third of the screen outward.

9 DIGITAL TV (DTV)*

9-1 Advanced Digital TV Settings

Access the DTV OSD main menu by pressing the **DTV MENU** button on your remote control.

NOTE: In general, press **OK** to confirm selection.
Return to the previous OSD menu by pressing the **BACK** button.
Exit from the OSD menu by pressing the **EXIT** button.

9-1-1 Box Settings

CHANNEL TUNING

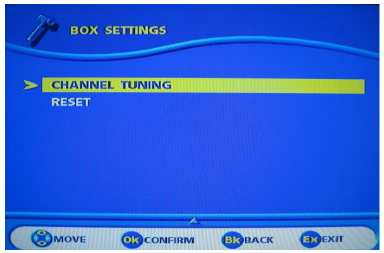
It is recommended that you perform a channel search each month to keep your digital TV channels up-to-date.

TO TUNE CHANNELS

1. From the Box Settings Menu, select **CHANNEL TUNING** and press **OK**.

2. An indicator at the bottom of the screen indicates the percentage of the scanned frequency band. The current frequency found is displayed in real time.

3. A message at the end of the scanning process will ask you to save. Press **OK**.
You can cancel the scanning process at any time by pressing **EXIT**.

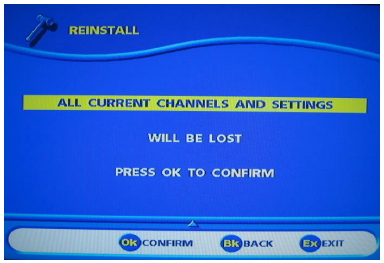


* Available only with SAGEM AXIUM HD-L32 T.

RESET

Use this option only if you have to start the complete installation procedure all over again. If you continue from here, all your previous settings, access code and favourite channels, etc. will be erased!

If you do not want to perform a reinstallation, you can leave this menu when the warning is displayed by pressing the **BACK** or **EXIT** button.

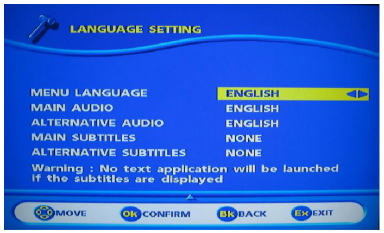


9-1-2 Changing User Settings

Press OK for access to various configurations.

LANGUAGE SETTING

1. Press ▲▼ to select **LANGUAGE SETTING**.
2. Press **OK** to confirm.
3. Press ▲▼ to select one of the language options and press **OK** to access the submenu.
4. Press ◀▶ to make adjustments.



MENU LANGUAGE - Set the menu display lanuguage.

MAIN AUDIO / ALTERNATIVE AUDIO - If there is more than one audio language transmitted, you may set the main and alternative languages separately.

MAIN SUBTITLES / ALTERNATIVE SUBTITLES - If there is more than one subtitle transmitted, you may set the main and alternative subtitles separately. Select NONE to remove either subtitle.

USER PREFERENCES (APPEARANCE PREFERENCES)

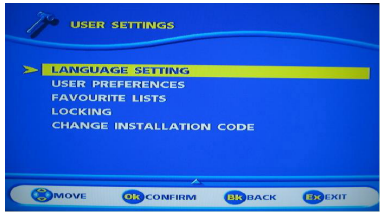
NETWORK MONITORING - Set to NO if you do not want the decoder to scan automatically when a new channel is available.

BANNER TIME OUT - Sets the number of seconds (0 to 5 seconds) that you would like the information banner to show when you switch channels. When set to 0, no banner is displayed.

BANNER TRANSPARENCY - Sets the transparency aspect of the banner (0% for full blue, 100% for full transparent).

VOLUME BAR TIME OUT - Sets the number of seconds (0 to 5 seconds) that you would like the volume bar to show when you adjust volume. When set to 0, no volume bar is displayed.

USER COUNTRY - The time is set from the GMT time by using ◀▶ to select the country where you live. Press **OK** to confirm.



ENGLISH

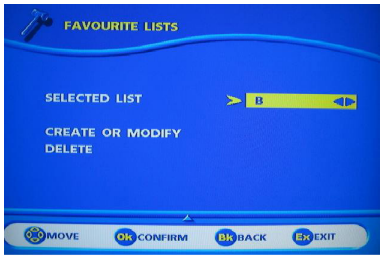
FAVOURITE LISTS

This function allows you to create **FAVOURITE LISTS** of TV channels or radio stations from a reference list **ALL CHANNELS** (built from provider (transponder) installation or a scanning).

Two lists are displayed simultaneously. The list on the right side is the reference list (issued from transponder or scanning installation). The list on the left side is the list under construction.

To Add a Channel

1. Use ◀ ▶ to select the list that you want to create or modify.
2. Use ▲ ▼ to select **CREATE OR MODIFY**.
3. Press **OK** to confirm.
4. Press ▲ ▼ to highlight the channel you want to add to your list.
5. Press the **BLUE** button on your remote control to copy from the highlighted channel from the ALL CHANNEL list on the right side to your FAVOURITE LIST X on the left side of the OSD.
6. Repeat steps 3 and 4 until you have all the channels that you frequently use added to your FAVOURITE LIST.
7. Press the **YELLOW** button on your remote control to save your list(s).



NOTE: To erase a channel, highlight the channel to be erased and press the **RED** button on your remote control.

To insert a new channel from main list A (for example if you have forgotten to put it in position 5).

- Highlight the channel in list A (ALL CHANNELS), select it by pressing the GREEN button (the highlighted channel moves to the FAVOURITE LIST).
- Move the highlighted channel in your favourite list to the channel just after the number where you want to insert, and press the **GREEN** button.
- After modifying your favourite list (B to H), press the **YELLOW** button to save the list.

To move a channel from one place to another in a favourite list, delete it and then insert it from the main list to the place you want.

9-2 Using Digital TV

Access the DTV OSD main menu by pressing the **DTV MENU** button on your remote control.

9-2-1 Changing Channels

Your DTV function provides several ways to switch channels.

Using on the remote control

Switch to the next service up (PR+) or the next service down (PR-) from the current channel.

Type in a single digit (1), which is displayed on the screen banner, e.g."1—". If you do not type in another digit within 2 seconds, the digit is displayed in the first digit position on the screen banner, the second and the third digits are blanked out and the video and audio playing process is activated on the new Video service, e.g. "1" . If you type in another digit (2), this is displayed in the second digit position, e.g. "12-". If you do not type in another digit within 2 seconds, the two digits are displayed in the first and second digit positions on the screen banner, the third digit is blanked out and the video and audio playing process is activated on the new Video service, e.g. "12". If you type in another digit (3), this last digit is displayed in the first digit position on the screen banner and the video and audio playing process is activated on the new Video service, e.g. "123". If the numerical code entered does not correspond to a video service in the list, the unit selects the first lower video service in the list.

Previous Channel

The **BACK** button enables you to toggle between the current channel and the last channel viewed. This button is especially useful when waiting for a movie to begin.

9-2-2 Program Information

Every time you change channels, you will receive program information for a few seconds (in the User Preferences menu (see ***9-1-2 Changing User Settings***), you can select how long this information will be shown).

Information may include the following:

A. Channel list

B. Number of audio tracks and subtitles available

C. Channel number and name

D. Name of the current program

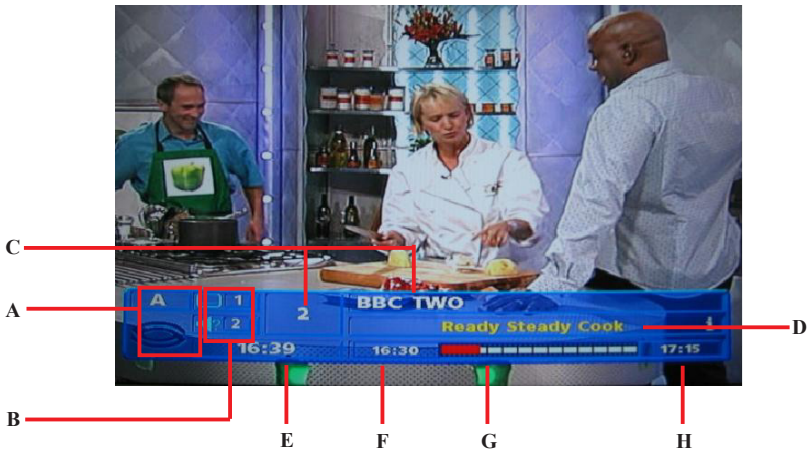
E. Current time

F. The start and end time of the current program

G. A bar, indicating the elapsed time of the current program

H. The start and end time of the next program.

Program information will only be available if it is included in the transmission. You can change directly the transparency of the zapping banner: press **INFO** for 2 seconds, adjust with ◀ ▶ and then press **OK** to save.



9-2-3 Extended Program Information

You can display information about programs currently being broadcasted as well as those that will be broadcasted next. By pressing **INFO** while watching TV, you will get the "Program information" banner.

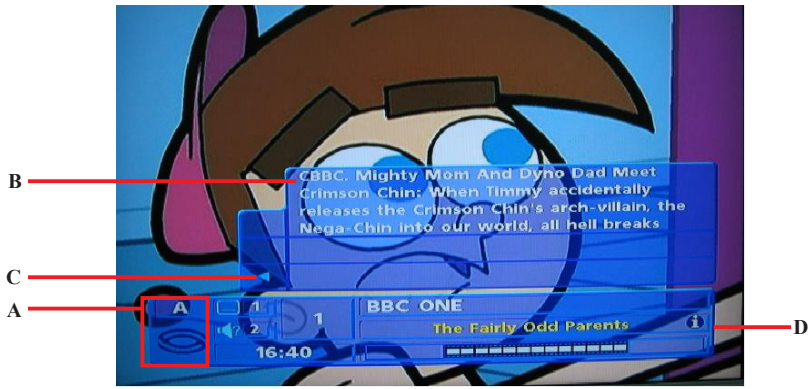
A. Program information

B. Short summary

C. Next program

D. Information icon

If necessary, use the **LIST** button on your remote control to continue reading on the next info page.



9-2-4 TV Channel List

- When viewing TV programs, press **OK** to display the current channels list.
- Use ▲▼ to select channel and then press **OK**.
- You can access your favourite list by pressing the **LIST** button on your remote control.
- You can directly change your favourite list without first displaying the TV list by pressing the **LIST** button.

9-2-5 Audio and Subtitle Language Selection

By pressing the **AUDIO** or **SUBTITL**E button, you open a menu that lets you enter **temporary** settings. Settings made in either one of these options menus are only valid for the program you are currently watching. If you leave the program and return to it again, the temporary settings will be lost.

AUDIO LANGUAGE

When available, you can select among the different languages being broadcast. If a digital audio stream is available, "DA" eg digital audio - will be displayed on the same line than the audio language tag. This allows you to choose between stereo or home cinema audio tracks.

NOTE: When you select a digital audio, there will be no sound output from the analogue audio connections.

SUBTITLE LANGUAGE

When available, you can select among different subtitle languages.

- Each time you press this button, you change the language.
- A timeout automatically closes this menu.
- The number on the left of each language indicates how many languages are available for this current channel.

9-2-6 Enhanced Program Guide

To display more detailed information about a selected program, press the **GUIDE** button. To remove this information, press the **EXIT** button.

A. Resized video is displayed. This video is the current one before entering the EPG.

B. Channels list of the current list is displayed. Select the chosen channel with ▲▼.

C. Display the name of the favourite list used.

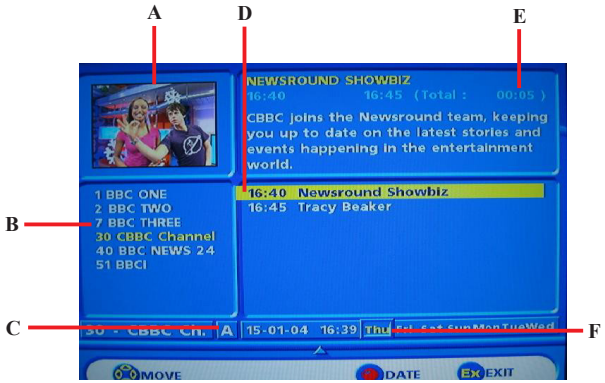
D. By pressing ▶, the current event is high lighted. You can see all events of the day by pressing ▲▼.

E. The following information about the selected program is displayed at the top of the screen:

- The time the program begins and ends
- A bar which fills in as the program progresses
- The name of the program
- Information about the program's contents (press the **INFO** button to have extended content shown by...).

F. Press the **RED** button to be able to change the date. Then press to change the date (7 days available according to the data sent by the provider).

NOTE: Information about a selected program can be displayed only if available from the broadcaster.



9-2-7 Freeze Video

The current video image can be frozen using the **STILL** button. Pressing the button again to bring back the live image.
In order to avoid screen burning, brightness is automatically decreased after a few minutes. Normal brightness can be recovered by pressing the **STILL** button again.

WARNING: Keeping the video frozen at full brightness for a long time may damage your TV.

9-2-8 Radio Mode

Press the **RADIO** button on the remote control to access radio mode. You can move through the list displayed using ▲▼.

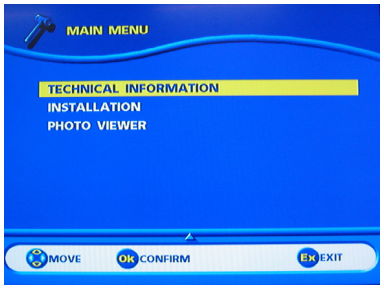
9-2-9 Photo Viewer

You can launch PHOTO VIEWER by inserting a memory card and selecting "PHOTO VIEWER" in the Main Menu. The total number of pictures is read and an album screen preview is displayed.
You can launch PHOTO VIEWER by selecting PHOTO VIEWER from the Main Menu. The total number of pictures is read and an album screen preview is displayed.

NOTES: File supported: Jpeg (JFIFF Format).
Cards supported: CF Type I and Type II and with the 6-in-1 adaptor, SM (Smartmedia), MS (Memory stick), MSPRO (Memory stick Pro), SD (Secure Digital), MMC (Multimedia card), and XD card.

If the file has no thumbnail or no DCF format thumbnail, the decoder will show a ?.

◀ ▶	Change the selected picture
L+	Go directly to the next page of thumbnail
OK	Display the selected picture
⏭	Run directly the slide show beginning with the selected picture
EXIT	Exit from photo Mode to TV Mode.
MENU	Show the Photo Menu
♫	Show the Radio Menu



9-5 Digital TV Software Upgrade

The Download Process screen appears after startup when a new version of software is available on the network.

You can delay the downloading process by pressing the **EXIT** button. This process will be displayed again the next time you switch to digital TV.

When you press **OK**, the downloading starts and the screen becomes black.

During this mode, no action is authorized.

On completion, digital TV switches on automatically.

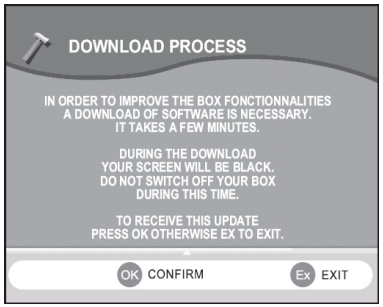
After startup, an information screen is displayed to confirm that the download has been completed.

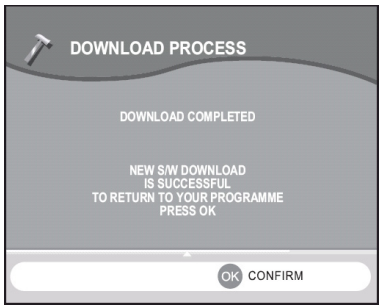
Press **OK** and enjoy your last viewed program.

NOTE: If the download process was not correctly performed, the screen remains black.

When an error occurs, press any button on the remote to continue. Put the unit in standby mode and switch it back ON to download again.

If this operation does not succeed, unplug the main power cord and the antenna cord. Plug them back in and download again.





ENGLISH

TROUBLESHOOTING AND SUPPORT

Before contacting customer service, use the following information to solve common problems.

No Picture

- Make sure that the power cord is properly plugged into a grounded electrical outlet.
- Make sure that the main power switch and power button are turned ON.
- Make sure that the selected video input source is connected to a working device.
- If your LCD TV is connected to your computer in VGA mode, press any key on your keyboard to wake up your computer.

No Sound

- Try pressing the **MUTE** button.
- Make sure that the headphones are not connected.
- Check Audio setting under the OSD Audio menu.

Distorted Picture or Unusual Sounds

You may be getting interference from electrical appliances, cars, motorcycles, or fluorescent lights. Try moving your LCD TV to another location.

Abnormal Colors

- Make sure that the input source cable is connected securely and correctly to your LCD TV.
- Use OSD menus to restore the factory default color settings.

Normal Picture, No Sound

- Make sure that the volume is not turned down.
- Make sure that the sound is not muted.
- Make sure that your audio input source cables are connected securely and correctly.

Wrong Image Size

If you are using VGA mode, make sure that the H-Position and V-Position in the OSD is set correctly.

Screen Noise

When your LCD TV's digital capabilities exceed a digital broadcast signal, the signal is up-converted (increased) to match your LCD TV's display capabilities. Up-converting can cause noise or trash.

Dim Screen

Video display devices experience degradation of brightness over the life of the device. Normal brightness degradation is not covered by your warranty.

No Photo Displayed*

Make sure that the photo card is inserted in the correct orientation. If the problem still exists, your card model is not supported by this LCD TV.

Pixel Problems

Your LCD TV is manufactured using an extremely high level of precision technology. However, sometimes some pixels of your LCD TV may not display correctly. Pixel defects within industry specifications are inherent to this type of product and do not constitute a defective product.

* Available only with SAGEM AXIUM HD-L32 T.

Remote Control Not Working

- Make sure that the batteries are inserted correctly.
- Make sure the remote control sensor window is not under strong lighting.
- Make sure the remote control is in the correct mode :

Yellow remote control LED: Digital TV mode
Green remote control LED: Analog TV mode

Technical Support

If this troubleshooting information does not resolve your problem or if you have other questions relating to your LCD TV, please visit our website **www.sagem.com** or contact your local dealer.

PRODUCT SPECIFICATIONS

PICTURE	
Technology	16/9 TFT LCD
Screen size : diagonal (cm / inch)	80/31,5
Resolution	1366x768 (WXGA)
Horizontal Viewing Angle	170°
Vertical Viewing Angle	170°
Brightness	>= 500 Cd/m²
Picture Contrast	>= 800:1
TV SYSTEM	
frequency range	45,5 - 85,25 MHz (VHF-UHF-Cable tv)
Reception Norm	Pan European (LL' / BG / I / DKK)
Program number	200
Video standard	PAL / SECAM
Added Video standard via video in	NTSC 3.58 / 4.43
DTV SYSTEM*	
Compliant to	DVBT MPEG2 MP@ML
RF input frequency range:	UHF 470-862 MHz ; VHF 174-222 MHz
COFDM bandwidth :	7 / 8 MHz (according to country set up)
COFDM mode :	2k and 8k supported ; Support SFN
SOUND	
Loudspeakers built in	10 speakers
Power	2x28 W Music
CONNECTION	
TV Antenna Input	1 (IEC169-2 Female)
DTV Antenna Input*	1 (IEC169-2 Female)
DTV loopthrough output*	1 (IEC169-2 Male)
AV1	CVBS / RGB / S-Video (21 pins euro connector)
AV2	CVBS / RGB / S-Video (21 pins euro connector)
AV3	CVBS (1x RCA)
AV3 S	S-VIDEO (1x minidin)
AV3 Audio input	Audio stereo (2xRCA)
YUV input	YPbPr progressive and enterlaced ((3x RCA)
YUV Audio input	Audio stereo (2xRCA)
PC input	VGA (1xD-sub 15 pin)
HDMI	HDMI with HDCP
Audio for VGA/HDMI input	Audio stereo (1xJack 3,5mm stereo)
Hifi Output	Audio stereo (1xJack 3,5mm stereo)
Headphone output	Audio stereo (1xJack 3,5mm stereo)

The manufacturer reserves the right to change specifications.

* Available only with SAGEM AXIUM HD-L32 T.

PHOTO MEMORY CARD*	
Card reader	Compact flash I&II reader + external adaptor 6 to 1
External adaptator	6 to 1 (Memory stick, Memory stick Pro, Secure Digital , MultiMediaCard , Smart media Card, XD)
GENERAL DATA	
Power supply	AC 100-240 V ~ 50-60Hz
Consumption	200W max. (<3W in stand-by)
Size (W x H x D) in cm	104 x 55,8 x 14,3
Packaging size (WxHxD) in cm	117,5 x 750 x 37,5
Weight : Net / Gross in kg	23.5 / 30 kg

CE

The CE marking certifies that the product is in compliance with the essential requirements and other relevant provisions of Council Directives:
– 73/23/EEC on the harmonization of the law of Member States relating to electrical equipment designed for use within certain voltage limits,
– 89/336/EEC on the approximation of the laws of the Member States relating to electromagnetic compatibility.

The declaration of compliance can be consulted on the site www.sagem.com category "support", or can be requested at the following address:

SAGEM SA - Customer relations department
4 rue du petit albi - 95800 Cergy Saint-Christophe - FRANCE

All characteristics contained in this manual are meant for information only and are subject to change without notice

* Available only with SAGEM AXIUM HD-L32 T.