

LCD MONITOR



**User Manual
LCXW23NT4**

LÖGIK

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Welcome

Thank you for choosing this LCD Colour Television. We are pleased that you are now the owner of a Lögik LCD Colour Television, engineered and built for excellent quality, reliability and performance.

Every Lögik LCD Colour Television set is tuned and adjusted to show proper colour and sound, and has passed through very stringent quality control tests at our factory. We have prepared this OPERATION MANUAL so that you may adjust the picture and colour to your personal viewing preference.

We sincerely hope that you receive great satisfaction and enjoyment from your new Lögik LCD Colour Television set for years to come.

Please read the Safety Precautions carefully and keep this User Manual handy for your future reference.

Model No.:



Serial No.:

IMPORTANT

To aid reporting in case of loss or theft, please record the TV's model and serial numbers in the space provided.

The numbers are located at the rear of the TV.

Important Safety Information

| | | |
|---|---|---|
|  | CAUTION RISK OF ELECTRIC SHOCK; DO NOT OPEN. |  |
| CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL. | | |



WARNING

The lightning flash with an arrowhead within a triangle is intended to tell the user that parts inside the product are an electric shock hazard.



CAUTION

The exclamation mark within a triangle is intended to tell the user about important operating and servicing instructions.

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 10cm 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.

Covers

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

Standby

Do not leave your TV in standby for long periods of time e.g. overnight or 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.

Installing and Connecting the TV

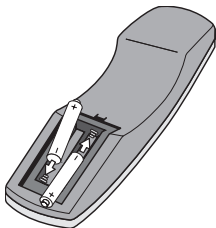
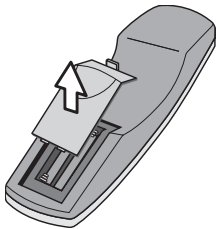
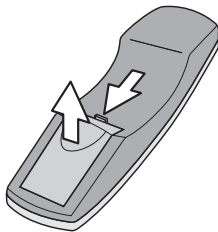
Package Contents

When you unpack this TV, please make sure the box also contains the following items:

- Remote control
- 2 AAA batteries
- User Manual
- Quick Guide
- AC Power Cord

Inserting Batteries Into the Remote Control

Insert the two supplied AAA batteries by matching the + and – polarities as indicated inside the remote control's battery compartment.



1 Pull the latch on the battery cover and remove the cover.

2 Insert the two supplied batteries. Check the + and – ends of the batteries as indicated in the compartment.

3 Replace the cover.



- Do not mix old and new batteries or batteries of different types together.
- Do not short circuit, disassemble, heat or burn batteries.
- Remove the batteries to avoid damage from possible battery leakage if you anticipate that the remote control will not be used for an extended period of time.
- Please handle the remote control with care. Avoid dropping it, getting it wet, or placing it in direct sunlight, near a heater or in an area of high humidity.

Determining the Best Possible Connection

The capabilities of your existing audio/video equipment, especially your TV, will determine the connection possibilities. However, the following guidelines describe which options provide the best picture and sound quality.

- ★★★★ **Component Video (Y PB PR):** excellent picture quality, but it can only be used if the connected video equipment supports component video.
- ★★★ **SCART:** provides a high picture quality.
- ★★★ **S-Video:** provides a high picture quality.
- ★★ **Composite Video (CVBS, a yellow Video jack):** provides a good picture quality.

Before You Begin

- Refer to the manuals of your TV, stereo, video, or other equipment as necessary.
- Disconnect all equipment from the power outlets. Connect the equipment to the power outlets only after you have completed connecting everything. Never make or change connections with equipment connected to a power outlet.
- If you would also like to connect a VCR, cable box, or satellite receiver to your TV, refer to “Basic Connections” on page 8 for details.

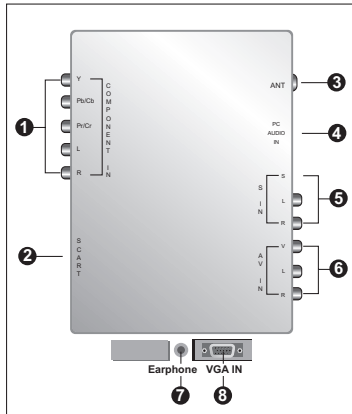
Remember

- Connect a DVD player directly to the TV. For example, do not connect a DVD player to a VCR and then connect the VCR to your TV. This type of connection could distort both the picture and the sound. Your VCR might also have a copy protection system, which could result in a distorted DVD image.
- Set the Stereo to the correct channel or “source” mode if your video equipment is also connected to a stereo system.
- You only need one audio connection and one video connection between your TV and other audio/video equipment (e.g. DVD player, VCR, Camcorder). This means it is possible you will not use all the jacks on the TV.
- If you plan to watch TV with your DVD player or VCR off, connect a coaxial cable to the DVD player’s or VCR’s **TUNER IN** jack and to the **ANT** jack on your LCD TV. This allows you to watch channels on the TV normally when the DVD player or VCR is off and will also improve the reception of your TV.

Once you have determined which connection best suits your existing equipment, please follow the corresponding connection steps as described in “Identifying Your Front and Rear Connectors” on page 7 and “Basic Connections” on page 8.

Installing and Connecting the TV

Identifying Your Front and Rear Connectors



1. COMPONENT IN (Y Pb/Cb Pr/Cr)

Allows you to connect high quality DVD signal from the COMPONENT OUT of your DVD player.

2. SCART

Connects to the **SCART OUT** of your VCR or DVD player.

3. ANT

Connects to your VHF/UHF antenna or coaxial cable from your local TV service provider.

4. PC AUDIO IN

Connects to your PC's or notebook's audio output (earphone jack) when using this LCD TV as a monitor.

5. S-VIDEO IN

Connects to the **AUDIO OUT** and **S-VIDEO OUT** jacks of your DVD player or VCR.

6. AV IN (CVBS)

Connects to the **AV OUT** jacks of your DVD player, VCR or other video equipment.

7. Earphone

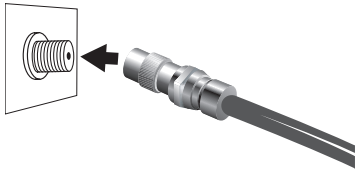
Enables you to listen to the TV using earphones.

8. VGA IN

Connects to a computer's VGA out jack, enabling you to use the TV as a computer monitor.

Basic Connections

Connecting Cable TV, Satellite or an Antenna

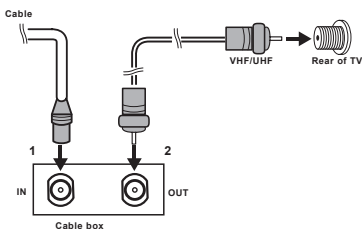


For directly connecting cable TV, satellite or an antenna not requiring a converter/descrambler box, connect one end of a CATV 75 Ω coaxial cable to the **ANT** jack on the rear of the TV tuner box. Connect the other end of this cable to the CATV wall mounting as shown below on the left. You may also need to use a cable adapter to connect to your CATV wall mounting, depending on your installation.

Connecting a Cable Box

If you have subscribed to a cable TV system using scrambled or encoded signals requiring a cable box to view all channels, please connect the cable box as follows:

Disconnect all power sources before making any connections



- 1 Connect the coaxial connector from your cable service to the **ANTENNA IN** jack of the cable box.
- 2 Use a 75 Ω coaxial cable to connect the cable box's **ANTENNA OUT** jack to the TV's **ANT** jack.
- 3 Connect the supplied power cord to the **AC IN** jack on the rear of your TV. Then connect the power cords of your cable box and TV to a power outlet.



It is strongly recommended to connect the antenna using a 75 Ω coaxial cable to get optimum picture and sound quality. A 300 Ω twin lead cable can be easily affected by radio and other background noise, resulting in signal deterioration. When using a 300 Ω twin lead cable, please keep this cable as far away from the TV as possible.

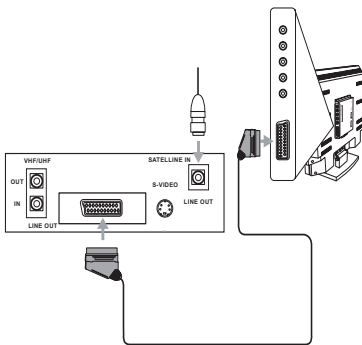
Installing and Connecting the TV

Connecting a DVD or VCR Player

Disconnect all power sources before making any connections

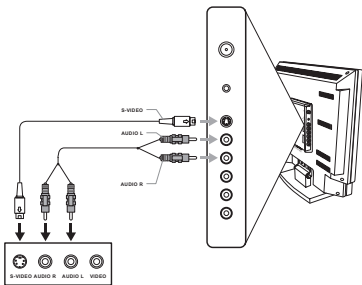
Follow these steps to connect a DVD or VCR Player to the TV.

If your DVD or VCR player has **SCART** connectors:

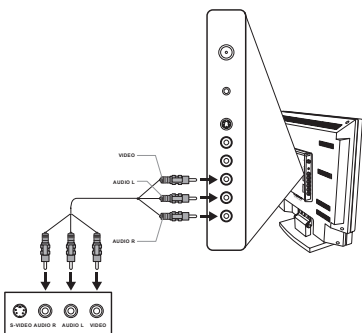


- 1 Use a SCART adapter cable to connect the **VIDEO OUT** or **S-VIDEO OUT** jack of the DVD or VCR Player to the **SCART** connector on the TV.
- 2 Connect the supplied power cord to the **AC IN** jack on the rear of the TV. Connect the power cords of the DVD or VCR Player and TV to a power outlet.
- 3 If you are using a home theatre system, connect the DVD or VCR Player's red and white **AUDIO OUT** jacks to the left/right **AUDIO IN** jacks on your stereo. Use a two-strand audio cable (with red and white connectors), matching the cable and connector colours with the jack colours.

If your DVD or VCR player has **component video, S-video or AV** connectors:

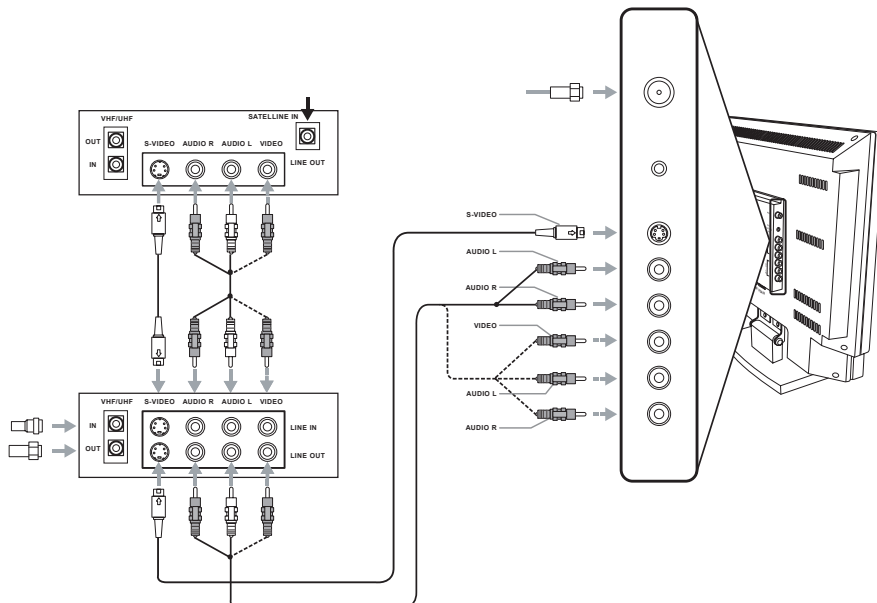


- 1 Use a component video cable, S-video or composite video cable to connect the **COMPONENT VIDEO OUT**, **S-VIDEO OUT** or **VIDEO OUT** jacks of the DVD or VCR Player with the **COMPONENT VIDEO IN**, **S-VIDEO IN** or **AV IN** jacks on the TV.
- 2 Connect the supplied power cord to the **AC IN** jack on the rear of your TV. Then connect the power cords of the DVD or VCR Player and TV to a power outlet.
- 3 If you are using a home theatre system, connect the DVD or VCR Player's red and white **AUDIO OUT** jacks to the left/right **AUDIO IN** jacks on your stereo. Use a two-strand audio cable (with red and white connectors), matching the cable and connector colours with the jack colours.



If you have a 5.1 channel, DTS or other digitally enabled home entertainment system, connect your DVD or VCR player to this system for superior audio quality.

Installing and Connecting the TV



Connecting a VCR, DVD Recorder and Satellite Receiver

Disconnect all power sources before making any connections.

Follow these steps to connect a VCR or DVD Recorder to your TV.

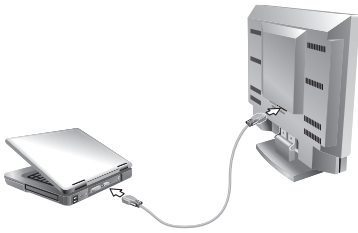
- 1** Connect the CATV cable to the VCR's or DVD Recorder's **TV IN** jack.
- 2** Use a 75Ω coaxial cable to connect the VCR's or DVD Recorder's **TV OUT** jack to the TV's **ANT** jack.
- 3** Use a component video cable, s-video or composite video cable to connect the **COMPONENT VIDEO OUT**, **S-VIDEO OUT** or **VIDEO OUT** jacks of your DVD or VCR Player with the **COMPONENT VIDEO IN**, **S-VIDEO IN** or **AV IN** jacks on your TV.
- 4** Connect the supplied power cord to the **AC IN** jack on the rear of your TV. Then connect the power cords of your VCR or DVD Recorder and TV to a power outlet.
- 5** If you are using a home theatre system, connect the VCR's or DVD Recorder's red and white **AUDIO OUT** jacks to the left/right **AUDIO IN** jacks on your stereo. Use a two-strand audio cable (with red and white connectors), matching the cable and connector colours with the jack colours.



If you have a 5.1 channel or digitally enabled home entertainment system, connect your DVD or VCR player to this system for superior audio quality.

Installing and Connecting the TV

Connecting your Notebook or PC

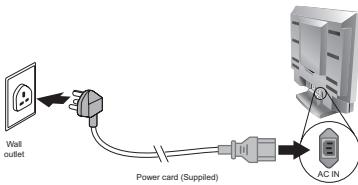


- 1 Shut down your notebook or PC and disconnect the power from both the TV and your notebook or PC.
- 2 Connect a VGA cable from the VGA jack (D-Sub 15 pins) of your notebook or PC to the VGA IN jack on the back of the TV. Connect the **AUDIO OUT** (headphone) of your notebook or PC with the **PC AUDIO IN** jacks of the TV.
- 3 Connect the supplied power cord to the **AC IN** jack on the rear of your TV. Then connect the power cords of your TV and notebook or PC to a power outlet.



The volume of the **AUDIO IN** when connecting a notebook or PC is variable. This means that the actual volume depends on both the TV's volume level setting as well as the volume level setting of your notebook or PC.

Connecting the Power Cord

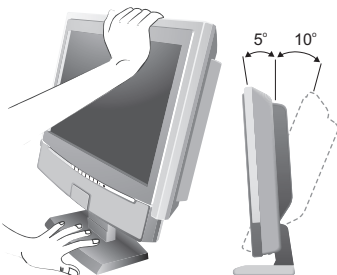


Complete all other connections before connecting the power cord. Connect the power cord to the TV's **AC IN** connector and the other end to a wall outlet. If the plug does not fit into a wall outlet, please contact your dealer or electrician.

WARNING: Do not touch the power cord plug with wet hands.



This unit uses AC 100~240V/50~60Hz only.



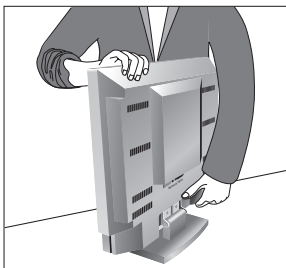
Adjusting the Viewing Angle of the TV

You can adjust the TV's viewing angle to avoid reflection from direct (sun) light or for a better view. The TV can be adjusted backwards to an angle of 5° and swivel 10° left or right.

When adjusting the viewing angle, hold one hand on the base while adjusting the display with the other to keep the TV from falling over.



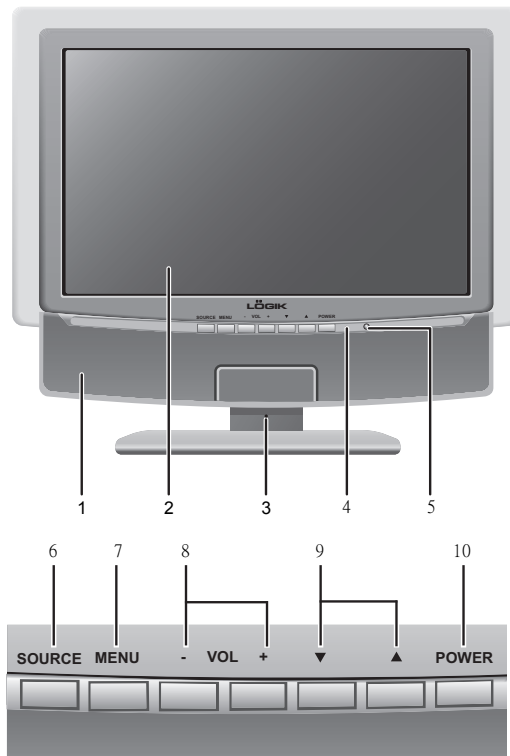
When adjusting the angle of the screen, steady the base of the stand with your hand to prevent the TV from falling over. Pay attention not to get your hand caught between the TV and the stand.



Carrying the TV

When carrying the TV, carry it with one hand on the handle at the rear of the TV while using the other hand to steady it.

Front Panel Overview



1. Speaker

2. LCD Screen

3. Base Stand

4. Stand By/On Indicator

This indicator will light up green when the unit is turned on and it will be red when the unit is turned off and in stand-by mode.

5. Remote Control Sensor

6. SOURCE

Press to switch between TV and video inputs.

7. MENU

Press to access the On-Screen Display menu (OSD)

8. VOL +/-

Press to increase or decrease the built-in speakers' volume.

9. ▼/▲

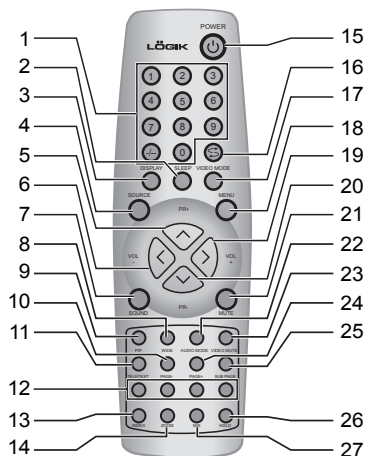
Press to change channels.

10. Power

Press the **POWER** button to turn the TV on. The Stand-By/On indicator will be green and after a few seconds the picture will appear. Press this button again to turn the TV off; the power indicator will turn red.

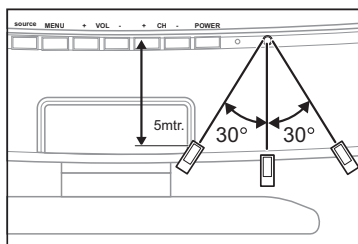
Identifying the Remote Control

This diagram will help you identify the buttons on your remote control:



- | | |
|------------------------|-------------------------|
| 1. CHANNEL BUTTONS | 15. POWER |
| 2. SLEEP | 16. CH. RTN |
| 3. DISPLAY | 17. VIDEO MODE |
| 4. SOURCE | 18. MENU |
| 5. PROGRAM UP (PR +) | 19. VOLUME UP (VOL +) |
| 6. VOLUME DOWN (VOL -) | 20. PROGRAM DOWN (PR -) |
| 7. SOUND (Stereo/Dual) | 21. MUTE |
| 8. WIDE | 22. AUDIO MODE |
| 9. PIP | 23. VIDEO MUTE |
| 10. PAGE- | 24. PAGE+ |
| 11. TELETEXT | 25. SUB PAGE |
| 12. TELETEXT HOT KEYS | 26. HOLD |
| 13. INDEX | 27. MIX |
| 14. ZOOM | |

Usable Range of the Remote Control



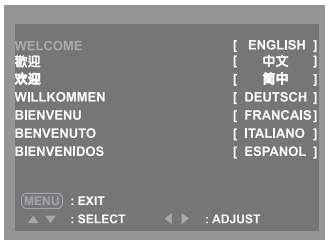
Aim the remote control at the infra red sensor on the TV. For effective use, operate the remote control within the angles and range as shown above.



- If sunlight shines directly on the remote sensor, the remote control's operation may be unstable and the effective range will be shorter.
- Do not hit or violently shake the remote control.
- Never expose the remote control to high temperature or humidity.
- If the remote is not used for an extended period of time, remove the batteries to prevent damage or injury from possible battery leakage.

Watching the TV

Setting the Language

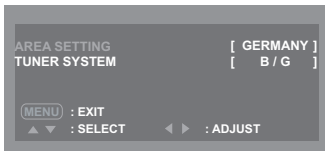


When you turn on your TV for the first time, a welcome screen will appear. Here you can select your preferred language

Use the ▲ and ▼ buttons on the front panel of the TV or remote control to select the desired language and then press the **VOL +** button to confirm your choice. All menu options will now be in the language of your choice and the **AREA SETTING** submenu will appear.



You can always change the language settings later through the on-screen menu. See “Changing the OSD Language” on page 27.

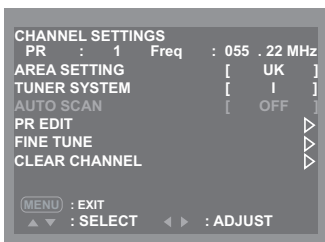


Use the **VOL +** and **VOL -** buttons on the remote control to select the area in which the TV is being set up. Depending on the selected country, the TV will adjust to the SECAM or PAL broadcasting systems and select the correct sound system. See table 1 for a complete list of region settings.

| Country/Region | PAL | SECAM | Sound System |
|-----------------|-----|-------|--------------|
| Italy | X | | BG |
| Germany | X | | BG |
| Spain | X | | BG |
| UK | X | | I |
| China | X | | D |
| France | | X | L |
| New Zealand | X | | BG |
| Australia | X | | BG |
| Other countries | X | | BG |

Table 1: Broadcasting and Sound systems

Auto Tune



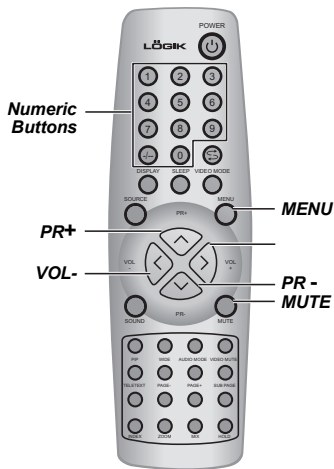
Press the **MENU** button to exit the **AREA SETTING** submenu. The **AUTO SCAN** progress status box will now appear. Your TV will now automatically scan all available channels and store them in memory. The screen will show the channel number and frequency of the channels found. When this process is complete the TV screen displays the first channel found, e.g. ITV, BBC1, etc. Please be patient as the tuning process takes a few minutes.



You can also press the VOL + button to exit the auto scan function. To add or scan additional channels later, see “Saving TV Channels to Memory” on page 18.

After all available channels have been found and stored in memory, you need to sort and name the channels. Refer to the next section.

Watching the TV



Sorting and Naming Channels

1. Use the **PR +** and **PR -** buttons to select a channel with a clear picture.
2. Use your TV guide or Teletext to identify the channel (e.g. BBC1, BBC2, ITV, etc...)
3. Press **MENU** and then **PR -** to highlight PR SETTINGS, press **VOL +** to select.
4. Press **PR -** to highlight PR EDIT, press **VOL +** to select.
5. Press **PR -** to highlight NEW PR and use the number buttons 0-9 to input the channel number you identified in step 2.
6. Press **PR -** to highlight PR NAME, press **VOL +** to select. Use the **PR +** and **PR -** buttons to select your chosen characters and then **VOL +** to move forward to the next character.
7. When complete, press **MENU** until the menu screen disappears
8. Repeat steps 1-7 to sort and name all your chosen channels.

Selecting a Channel

Channels can be selected using the TV's control panel or by using the remote control.

Using the **▲** and **▼** buttons on the control panel of the main unit or **+** and **-** buttons on the remote control:

- Press **▲** or **PR +** to increase the channel number
- Press **▼** or **PR -** to decrease the channel number

Using the 0-9 and -/-- buttons on the remote control:

Select the channels directly by pressing buttons **0** to **9** and **-/--**. The TV allows you to select up to 125 channels. Select a channel by entering a 2 or 3 digit number.

To select a 1-digit channel number (e.g., Channel 7):

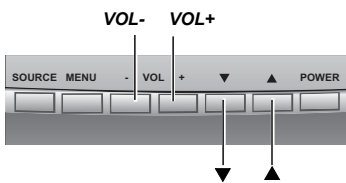
- Press the **7** button

To select a 2-digit channel number (e.g., Channel 27):

- Press the **-/--** button
- Press the **2** button
- Press the **7** button

The TV allows you to select up to 125 channels. Use the **▲/▼** to select channel higher than 99.

Watching the TV



Changing the Volume

Using the **VOL +** and **VOL -** buttons on the control panel of the main unit or remote control:

- Press **VOL +** to increase the volume
- Press **VOL -** to decrease the volume

Using MUTE on the remote control:

The sound can be turned off by pressing the **MUTE** button on the remote control.

To cancel mute:

- Press **MUTE** again.
- Press **VOL +** or **VOL -** on the control panel of the main unit or the remote control.
- Change the channel.



If mute has not been cancelled within 8 minutes from activation, the system will automatically reset the volume level to 0.

Selecting Stereo or Bilingual Programs (Stereo/Dual)

This TV has a feature which allows the reception of sound other than the main audio of the program. This feature is called MTS. A system with MTS can receive mono and stereo sound as well as Secondary Audio Programs (SAP). The SAP feature makes it possible for TV stations to add other information to a broadcast, such as audio in a second language or unrelated audio (e.g. weather information).

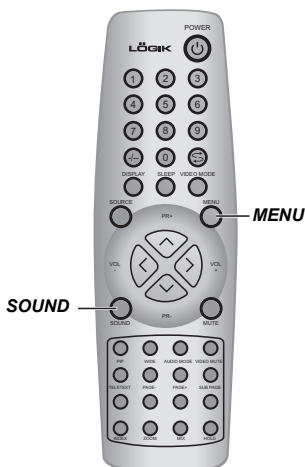
When pressing the **SOUND** button on the remote control, the stereo/dual function will toggle the sound between **STEREO**, **MAIN+SAP**, **STEREO+SAP** and **MONO** modes.



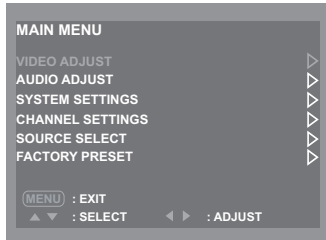
If a stereo broadcast is difficult to hear, a clearer sound can be obtained by manually switching to **MONO** sound.



Once mono sound has been selected, the sound remains mono, even if the TV receives a stereo broadcast. To hear stereo sound again, the TV must be manually switched back to stereo sound.



Watching the TV



Using the On-Screen Menu

To access the On-Screen Menu, press the **MENU** button on the TV or remote control.

The **MAIN MENU** has the following five sub-menus:

VIDEO ADJUST

Lets you adjust all video settings, such as brightness, contrast, colour, tint, sharpness, video mode, etc.

AUDIO ADJUST

Lets you adjust all audio settings such as volume, treble, bass, balance, audio mode, speakers, SAP, Stereo/Dual, etc.

SYSTEM SETTINGS

Lets you adjust all system settings such as clock and TV timer.

CHANNEL SETTINGS

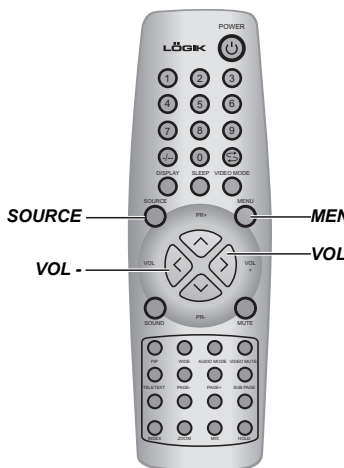
Lets you adjust all channel settings, such as auto channel edit, air/cable, scanning and channel skipping, preferences, etc.

SOURCE SETTINGS

Lets you select the source signal.

PRESET

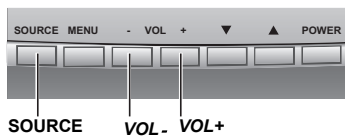
Sets all settings to factory defaults.



VOL+ To scroll through the menus on the screen:

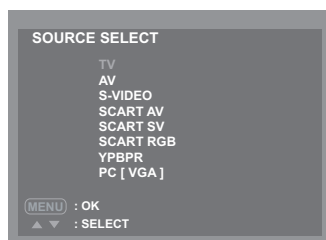
- Use the **PR+** or **▲** and **PR-** or **▼** buttons to select menu items.
- Use the **VOL +** and **VOL -** to adjust menu items.
- Use the **MENU** button to enter and return.

Selecting the Video Inputs



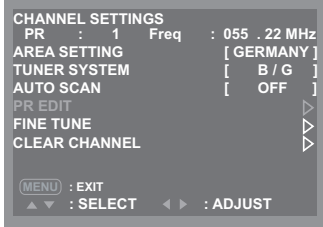
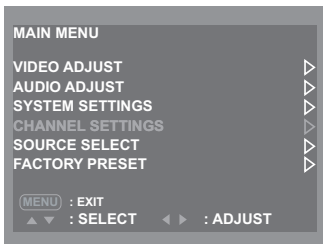
In this menu, the displayed video input signals can be selected. Your TV accepts the following video input signals: TV, AV, S-Video, SCART, COMPONENT (YPbPr), and PC (VGA).

To select a video input signal:



- 1 Press the **SOURCE SELECT** button on the remote control or **TV/VIDEO/PC** button on the control panel of the main unit. The **SOURCE SELECT** menu will appear.
- 2 Use the **VOL +** and **VOL -** buttons on the remote control or main unit to select the desired video input signal.
- 3 Press the **MENU** or **VOL +** button to confirm your selection and exit the **SOURCE SELECT** menu.

Watching the TV



Saving TV Channels to Memory

When using the TV for the first time, it will automatically scan and save all viewable channels. TV channels can be scanned and saved both automatically and manually:

- 1 Press the **MENU** button on the remote control and the **MAIN MENU** appears.
- 2 Select **CHANNEL SETTINGS** from the main menu and press the **VOL +** button.
- 3 Select **AUTO SCAN** from the **CHANNEL SETTINGS** sub-menu.
- 4 Press the **VOL +** button to select the auto scan function. When **ON** is selected, the TV scans all available channels and store them in memory.



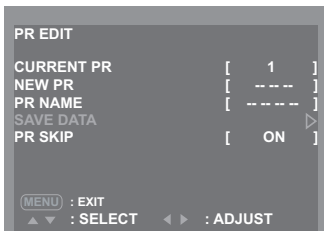
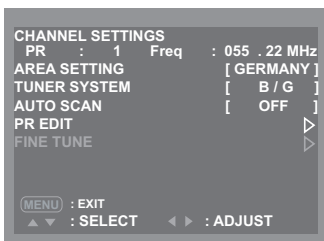
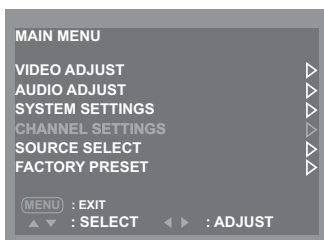
When this process is complete the TV screen displays the first channel found, e.g. ITV, BBC1, etc. Please be patient as the tuning process takes a few minutes.

To manually stop the auto scanning process while in progress, press the **VOL +** button on your remote control or display panel.

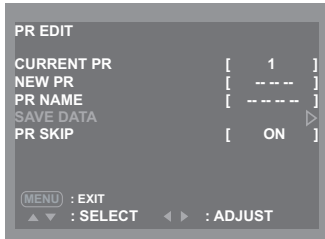
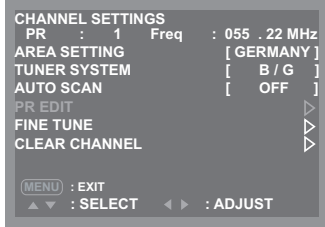
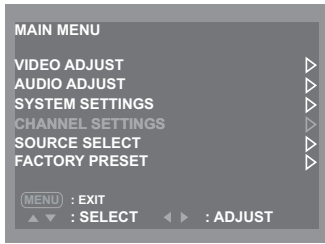
Fine Tuning a Channel

If a channel is not clear or shows interference, fine tuning the channel may help to improve the picture and sound quality. To fine tune a channel:

- 1 Select the desired channel using the **PR +** and **PR -** or 0-9 buttons on the remote control.
- 2 Press the **MENU** button on the remote control and the **MAIN MENU** appears.
- 3 Select **CHANNEL SETTINGS** from the main menu and press the **VOL +** button.
- 4 Select **FINE TUNE** from the **CHANNEL SETTINGS** sub-menu and press the **VOL +** button.
- 5 Select **PR FREQ** from the **FINE TUNE** sub-menu and use the **VOL +** and **VOL -** buttons to fine tune that channel.
- 6 Now use the **PR +** and **PR -** buttons to select **SAVE DATA** from the **PR EDIT** sub-menu and use the **VOL +** and **VOL -** button to confirm your selection. A "DATA SAVE OK" message briefly appears on the screen.
- 7 Press the **MENU** button to return to the main menu.



Watching the TV



Setting Skipped Channels

Selected channels can also be programmed to be skipped when using the ▲ and ▼ buttons on the control panel of the main unit or **PR +** and **PR -** on the remote control:

To select and store preference channels:

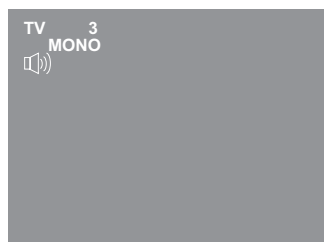
- 1 In TV mode, select the channel you would like to add to the Preference Channels list.
- 2 Press the **MENU** button on the remote control and the **MAIN MENU** appears.
- 3 Select **CHANNEL SETTINGS** from the main menu and press the > button.
- 4 Select **PR SKIPPED** from the **CHANNEL SETTINGS** sub-menu and press the **VOL +** button to select **YES**.
- 5 Use the **VOL +** button to set the **PR SKIP** setting to **ON** to add this channel to the Skipped Channel list.
- 6 Use the **PR +** and **PR -** buttons to select **SAVE DATA** from the **PR EDIT** sub-menu and use the **VOL +** and **VOL -** button to confirm your selection. A "DATA SAVE OK" message will briefly appear on your screen.
- 7 Press the **MENU** button to return to the main menu.



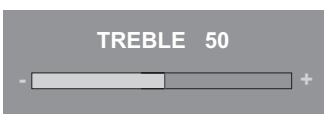
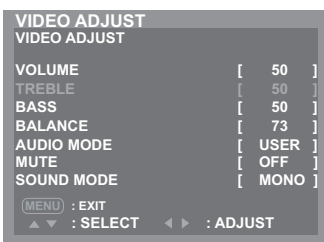
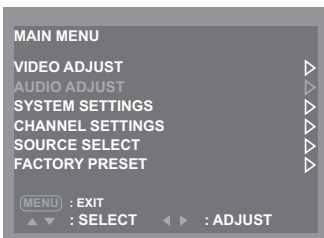
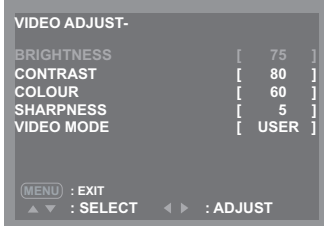
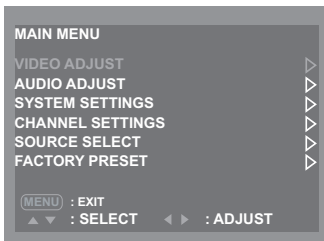
The channels stored in the Skipped Channel list are not deleted from the TV's memory and can still be selected by using the numeric keys for those channels.

Using the Display Button

Press the **DISPLAY** button on the remote control to display channel information. In the top-left corner of the screen, the input source, channel, stereo mode, and speaker on/off will be displayed. Press the **DISPLAY** button again to return to normal display mode.



Using Advanced Features



Adjusting the Picture Quality

It is possible to adjust the picture quality to a viewer's taste or the quality of the input signal:

- 1 Press the **MENU** button on the remote control and the **MAIN MENU** appears.
- 2 Select **VIDEO ADJUST** from the main menu and press the **VOL +** button.
- 3 Select **BRIGHTNESS**, **CONTRAST**, **COLOUR** or **SHARPNESS** from the **VIDEO ADJUST** sub-menu and press the **VOL +** button.
- 4 At the bottom of the screen, an adjustment bar will appear. Use the **VOL +** and **VOL -** buttons to adjust the level of the selected item.
- 5 Press **MENU** to exit the menu.



For easy picture quality setup, select **VIDEO MODE** from the **VIDEO ADJUST** sub-menu and then select **SOFT**, **PRESET** or **USER** mode. **PRESET** is the TV's default setting.

Adjusting the Audio Quality

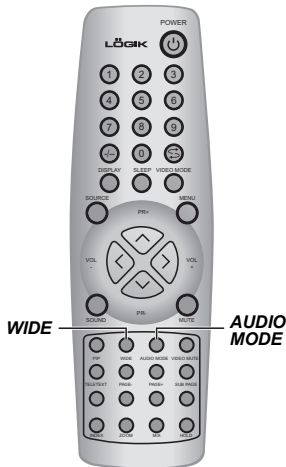
It is possible to adjust the sound quality to a viewer's taste or the quality of the input signal:

- 1 Press the **MENU** button on the remote control and the **MAIN MENU** appears.
- 2 Select **AUDIO ADJUST** from the main menu and press the **VOL +** button.
- 3 Select **VOLUME**, **TREBLE** or **BASS** or **BALANCE** from the **AUDIO ADJUST** sub-menu and press the **VOL +** button.
- 4 At the bottom of the screen, an adjustment bar will appear. Use the **VOL +** and **VOL -** buttons to adjust the level of the selected item.
- 5 Press **MENU** to exit the menu.
- 6 The sound can also be muted by selecting **YES** or **NO** in the **MUTE** option of the **AUDIO ADJUST** sub-menu.
- 7 Press the **MENU** button to return to the main menu.



For easy picture quality setup, select **AUDIO MODE** from the **AUDIO ADJUST** sub-menu and then select **USER** or **PRESET** mode. **PRESET** is the TV's default setting.

Using Advanced Features

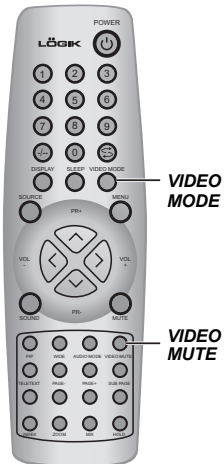


Using Wide Mode

Depending on how the movie was recorded, this is used to switch between wide screen, similar to that seen at a movie theater, and normal TV mode.

Using Audio Mode

By pressing the **AUDIO MODE** button on the remote control, the sound can be adjusted to the viewer's taste. The current audio mode information will be displayed in the lower left corner of the screen. Select **PRESET** for the default setting, **SOFT** for a softer sound or **USER** for user defined settings. The user defined settings can be set in the **AUDIO ADJUST** sub-menu.



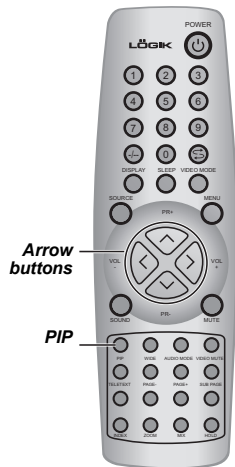
Selecting a Video Mode

Press the **VIDEO MODE** button on the remote control to select the video mode to be used. The current video mode information is displayed in the lower left corner of the screen. Select **PRESET** for the default setting, **SOFT** for a softer picture or **USER** for user defined settings. The user defined settings can be set in the **VIDEO ADJUST** sub-menu.

Using Video Mute

When the **VIDEO MUTE** button on the remote control is pressed, the TV screen will turn blank. Pressing this button again will restore the picture.

Using Advanced Features



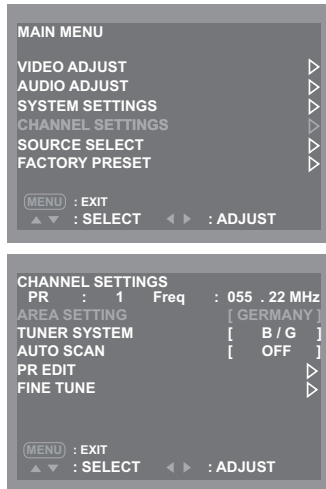
Using the PIP (Picture in Picture) Function

The TV is capable of displaying a second input signal in a corner of the main screen. This is called PIP. To use PIP, make sure the TV is connected to a PC or notebook through the VGA connector at the rear of the TV and then:

- 1 Press the **PIP** button on the remote control. The PIP image will now appear in the top left corner of the screen.
- 2 Use the arrow buttons on the remote control to move the PIP image to a different screen location. (see samples below)
- 3 To turn PIP off, press the **PIP** button again. (see samples below)

Setting the Region

Different countries use different broadcasting and sound systems. By setting the region on the TV, it will automatically select the correct broadcasting and sound systems.



- 1** Press the **MENU** button on the remote control and the **MAIN MENU** appears.
- 2** Select **CHANNEL SETTINGS** from the main menu and press the **>** button.
- 3** Select **AREA SETTING** from the **CHANNEL SETTINGS** sub-menu and press the **>** button.
- 4** Press the **VOL +** button to select the country in which the TV is being set up. Depending on the selected country, the TV will adjust to the SECAM or PAL broadcasting systems and select the correct sound system. See table 1 in “Setting the Language” on page 14 for a complete list of region settings.
- 5** Press **MENU** to exit the menu.



The region settings only work in TV mode.

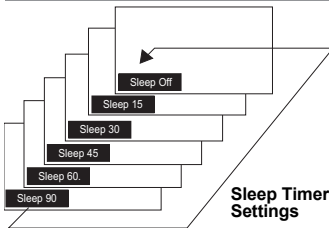
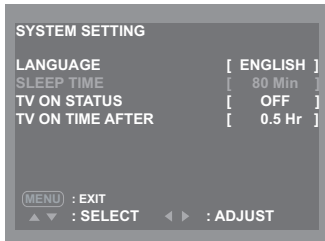


You can also set the sound system manually by selecting **OTHER** in the **AREA SETTING** sub-menu.

Using the Timer Functions

The timer function is used to turn the TV on or off at a specified time.

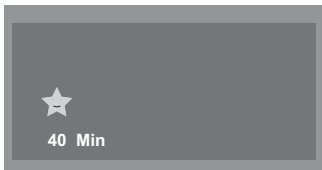
Setting the Sleep Timer



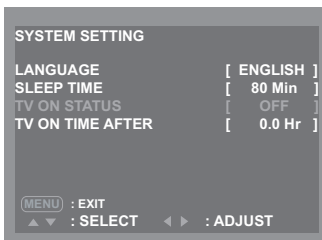
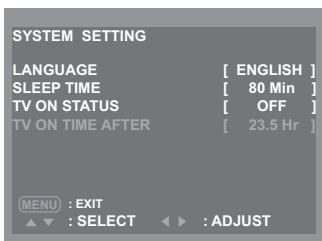
- 1 Press the **MENU** button on the remote control and the **MAIN MENU** appears.
- 2 Select **SYSTEM SETTINGS** from the main menu and press the **VOL +** button.
- 3 Select **SLEEP TIMER** from the **SYSTEM SETTINGS** sub-menu and press the desired sleep time form **10M** to **120M** (10-120 minutes) by using the **VOL +** button.
- 4 You can also set the sleep timer by repeatedly pressing the **SLEEP** button on the remote control. When pressing the **SLEEP** button, the current sleep timer information is displayed in the lower left corner off the screen.
- 5 Press the **SLEEP** button repeatedly to increase the setting in 10 minute intervals.



To cancel the sleep timer, you can also select a sleep time of **00M**. The counter will restart if any button is pressed during the countdown.



Setting the TV ON Timer



- 1 Press the **MENU** button on the remote control and the **MAIN MENU** appears.
- 2 Select **SYSTEM SETTINGS** from the main menu and press the **VOL +** button.
- 3 Select **TV ON STATUS** from the **SYSTEM SETTINGS** sub-menu and use the **VOL +** button to turn this function **ON** or **OFF**.
- 4 Select the desired **TV ON TIME AFTER** from **0.5 Hr** to **23.5 Hr** by using the **VOL +** and **VOL -** buttons.
- 5 Press the **MENU** button to return to the main menu.

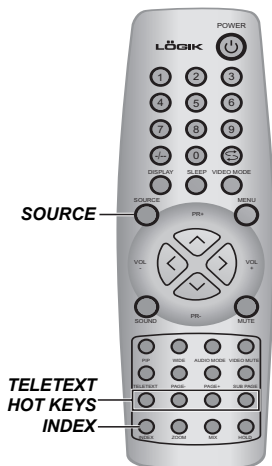
Using Advanced Features

Using Teletext

Most European TV channels broadcast additional information via teletext. This TV is compatible with all the teletext transmitting systems used by individual countries and TV channels.

To start teletext, press the **TELETEXT** button on the remote control.

Once teletext has started, you can select desired pages in one of four ways:



- 1 Directly select a desired page by using the numeric buttons on the remote control. While in teletext mode use the **0-9** buttons. Pages within the range of 100-899 can be selected.



When making your selection, make sure to press the numeric buttons within about 3 seconds from each other, otherwise teletext will revert back to the last viewed page.

- 2 Select a group of pages using the coloured buttons on your remote control. Groups of pages in teletext are marked in one of four colours. These colours correspond with the colours of four teletext buttons on your remote control:

- R** (the red button)
- G** (the green button)
- Y** (the yellow button)
- B** (the blue button)



This function only works in teletext mode.

- 3 Press **INDEX** on the remote control for the INDEX information screen and make your selection from there.
- 4 Use the **PAGE-** or **PAGE+** buttons on the remote control to display the following or preceding teletext page or use the **SUB PAGE** button to display the sub page(s) of a teletext page.

Using MIX

Teletext can be viewed in two ways: regular and as mix. Mix means that the teletext image is projected on top of the normal program you were watching when teletext was started. This enables you to view teletext information, while watching TV.



Using Zoom

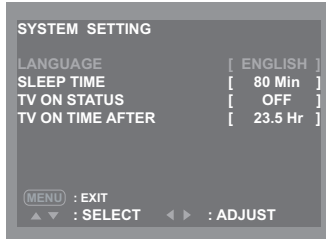
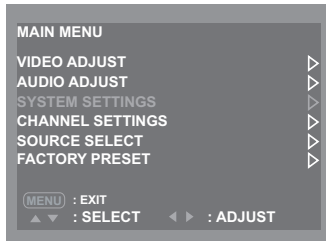
If teletext is difficult to read due to distance from the TV, the Zoom function can be used to enlarge the teletext information.

To use the zoom function, press the **ZOOM** button on the remote control. The upper half of the teletext page you were viewing will now be displayed enlarged. Press the **ZOOM** button again and the lower half of the page will be displayed as enlarged. Pressing the button once more, the image will revert to its regular size.

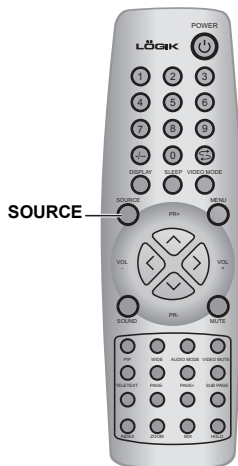
Using Hold

If you are looking at a scrolling teletext page and it is scrolling too fast, press the **HOLD** button on the remote control to stop the pages from scrolling. Press the **HOLD** button again to continue scrolling through the teletext pages.

Using Advanced Features



SOURCE



Changing the OSD Language

The OSD (On-Screen Display) is available in 7 languages: English, German, French, Spanish, Italian, Traditional Chinese and Simplified Chinese. To change the OSD language:

- 1 Press the **MENU** button on the remote control and the **MAIN MENU** appears.
- 2 Select **SYSTEM SETTINGS** from the main menu and press the **>** button.
- 3 Select **LANGUAGE** from the **SYSTEM SETTINGS** sub-menu and use **<** and **>** buttons to select the desired OSD language.
- 4 Press the **MENU** button to return to the main menu.

Using the PC Mode

This TV can be used as a monitor for a notebook or PC. Connect the **VGA** Jack of your notebook or PC to the **VGA** Jack at the rear of the unit. If your notebook or PC does not have a **VGA** jack, the supplied **VGA** adapter cable can be used to connect the TV's **VGA** jack to the standard **VGA** jack of your notebook or PC.

To use your TV as a monitor, press the **SOURCE SELECT** button on the remote control or **SOURCE** button on the TV control panel to select **PC**.

The TV is able to display the following resolutions:

| | |
|------|----------------------------|
| VGA | 640*480 (60/66/70/72/75Hz) |
| SVGA | 800*600 (60/66/72/75Hz) |
| XGA | 1024*768 (60Hz) |

Specifications

Display

| | |
|--------------------|-------------------------------|
| Panel system | Liquid Crystal TV |
| Display resolution | 1366.dots x 768 lines (H x V) |
| Number of pixels | 2,960,000 dots |
| Brightness | 500cd/ m ² |
| Contrast | 800:1 |
| Aspect Ratio | 16:9 |
| Viewing angles | H: 170° / V: 170° |
| Response time | TR: 16 ms; Tf: 5 ms |
| Lamp life | 50.000 hours |

Screen size (measured diagonally)

23 inches

TV system (CCIR)

| | |
|--------------------|---------------------------|
| Colour systems | PAL/SECAM |
| Sound systems | B/G, D/K, L/L', I |
| Stereo system | NICAM/A2 |
| TV Tuner system | PLL, 55.25Mhz - 801.25MHz |
| CATV | PLL, 55.25Mhz - 801.25MHz |
| Number of Channels | 127 |

Monitor System

| | |
|-----------------|---|
| VGA signal | RGB 0 :0.7Vp-p signal, Sync. TTL |
| Frequency range | Horizontal 30KHz to 48KHz, Vertical 50Hz to 75Hz |
| Display modes | VGA 640 x 480 (60Hz) SVG 800 x 600 (60/66/72/75Hz) A XGA 1024 x 768 (60Hz) |

OSD Language

English, German, French, Spanish, Italian, Traditional Chinese, and Simplified Chinese

Terminals

| | |
|-----------|---|
| AV1 | RCA for CVBS, Audio L/R |
| S-Video | S-DIN for S-Video, Audio L/R |
| Component | RCA for YCbCr/YPbPr and Audio L/R |
| SCART | AV In, S-Video In, RGB In |
| VGA | PC (VGA) (using 15 Pin mini D-Sub inverter) |
| PC Audio | Ear jack |
| Earphone | earphone jack |
| Antenna | 75 Ohm, IEC-Type for VHF/UHF/CATV in |

Audio Amplifier

2 x 5W, 4 ohms

No signal Auto off

15 minutes

Power

| | |
|--------------------|----------------------|
| Power requirements | 100-240V AC, 50-60Hz |
| Power consumption: | |
| Operating | 110W |
| Standby | 2.5W |

Dimensions (W x H x D)

| | |
|--------------------|--------------------------|
| Including TV stand | 600 mm x 520 mm x 195 mm |
| Without TV stand | 600 mm x 470 mm x 117 mm |

Weight

Including TV stand 21.5 kg (47.4 lbs)

As a part of Lögik's policy of continuous product improvement, Lögik reserves the right to make specification changes without prior notice. The performance specification figures indicated above are nominal values of standard production units. There may be some deviations from these values for individual units. The functionality of individual TVs may also differ slightly from those as described in these operating instructions.

Troubleshooting

No power

- Make sure the Display is connected correctly. (see “Basic Connections” on page 8)
- Check if you pressed **POWER** on the remote control (see “Identifying the Remote Control” on page 13). If the indicator on the Display lights up red, press **POWER**.
- Is the AC cord disconnected? (see “Connecting the Power Cord” on page 11)

Unit cannot be operated

- External influences such as lightning or static electricity may cause improper operation. In this case, operate the unit after first turning on the power of the Display and the AVC System, or unplugging the AC cord and plugging it in again after 1 or 2 minutes.

Power is cut off suddenly

- Is the sleep timer set? (see “Setting the Sleep Timer” on page 24)
- The unit’s internal temperature has increased. Remove any objects blocking the vent or clean it.

Remote control unit does not operate

- Are batteries inserted with polarity (+,-) correctly aligned? (see “Inserting Batteries Into the Remote Control” on page 5)
- Do the batteries still have power? Replace with new batteries if required.
- Is it being used near strong or fluorescent light? This may interfere with the infra red (IR) beam. Try turning off the light.
- Ensure there is a clear path from the remote control’s IR sensor to the TV’s IR sensor.

No CATV reception (or no reception above CH13)

- Is the AIR/CABLE option set correctly? Please set the AIR/CABLE option to CABLE (see “Saving TV Channels to Memory” on page 18).
- CATV is not connected properly. Check all CATV connections.
- The cable TV service is interrupted. Contact your cable provider.

Picture is cut off/with sidebar screen.

- Is the image position correct?
- Are screen mode adjustments, such as picture size, set correctly?

Strange colour, light colour, or colour misalignment

- Is the room too bright? The picture may look dark in a room that is too bright.
- Check the input signal setting.

Troubleshooting

Poor or no picture

- Is the TV station experiencing problems? Try another channel.
- The Cable TV signal may be scrambled or encoded. Contact your local cable provider.
- Is connection to other components correct? (see “Installing and Connecting the TV” on page 5)
- Has setup been done correctly after connection? (see “Watching the TV” on page 14)
- Is the correct input selected? (see “Selecting the Video Inputs” on page 17)
- Is the input signal incompatible?

No sound

- Is the volume too low?
- The **MUTE** button may have been pressed, try pressing this button again.

Teletext not working

- The channel may have stopped broadcasting teletext. Try another channel.

Refer to the following information when ordering replacement parts or accessories:



Partmaster Direct can provide accessories, spares, batteries and replacement parts with Next Day Delivery available upon request.

Please call:

0870 600 1338

(UK customers only)

Calls charged at National Rate

...or visit our website at www.partmaster.co.uk