Operating Instructions LCD TV

17PF9946   23PF9956
23PF9946   26PF9956
26PF9946

PHILIPS

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2

SAFETY INFORMATION

- Disconnect mains plug when :
- – the red light below the TV screen is flashing continuously.
- – cleaning the TV screen. Never use abrasive cleaning agents.
- – there is a lightning storm.
- – the set is left unattended for a prolonged period of time.
- No naked flame sources, such as lighted candles, should be placed on top of the TV or in the vicinity.
- Do not place your TV set under direct sunlight or heat.
- Leave at least 5 cm around each side of TV set to allow for proper ventilation.
- Avoid placing your set (e.g. near the window) where it is likely to be exposed to rain or water.
- No objects (such as vases) filled with liquids should be placed on top the TV so as to avoid dripping or splashing of liquids on the set.
- Do not shift or move the set around when it is switched on.
- Do not touch, push or rub the surface with hard object.
- When the surface becomes dusty, wipe gently with absorbent cotton or other soft materials like chamois. Do not use acetone, toluene and acohol as it causes chemical damage to the polarizer.
- Wipe off saliva or water droplets as soon as possible. Long time contact with polarizar causes deformations and colour fading.
- Be careful of condensation at sudden temperature change. Condensation does damage to polarizar or electrical contact parts. After condensation fades, smear or spot will occur.
- Installation of the LCD TV on the wall should be carried out by qualified servicemen. Improper and incorrect installation may render the set unsafe,
- Safety information is located on the rear of the set. To read the safety information, you need to open the VESA cover (see diagram below).

Open VESA cover

ATENCION
VERIFIQUE QUE EL VOLTAJE DE ALIMENTACION SEA EL REQUIERIDO PARA SU APARATO PARA EVITAR EL RIESGO DE CHOQUE ELECTRICO NO QUITE LA TAPA. EN CASO DE REQUERIR SERVICO, DIRIJASE AL PERSONAL AUTORIZ DO POR LA COMPANIA

CAUTION
RISK OF ELECTRIC SHOCK DO NOT OPEN

ATTENTION
RISQUE DE CHOC ELECTRIQUE NE PAS OUVRIR

PRECAUCION ADVERTENCIA
NO ABRIR RIESGO DE CHOQUE ELECTRICO

Recycling Directive – To minimise harm to the environment, the batteries supplied with the TV set do not contain mercury or nickel cadmium. If possible, when disposing of batteries, use recycling means available to you. Your TV set uses materials which are reusable or which can be recycled. To minimise the amount of waste in the environment, specialist companies recover used sets for dismantling and collection of reusable materials (contact your dealer).

3

FUNCTIONS OF REMOTE CONTROL

1 Standby button

Switch set off to standby mode. To switch on set from standby mode, press Channel +/– or Digit (0 -9) button.

2 Sound mode / I-II button

- In **TV** mode, it allows you to force programme in *Stereo* and **Nicam Stereo** to **Mono** or to choose between **Dual** I or **Dual** II . (The Mono indication on the screen is red when in forced position).
- In **Teletext** mode, use for teletext functions (see section on "Using the Teletext").

3 AV button

- In **TV** mode, press button repeatedly to cycle through the AV channels and select the required channel.
- In **Teletext** mode, use for teletext functions. (see section on "Using the Teletext").

4 Screen Format button

- In **TV** mode, press button repeatedly to cycle through the available screen formats channels and select the desired screen format.
- In **Teletext** mode, use for teletext functions. (see section on "Using the Teletext").

5 Mode / DVD buttons

- [TV] [PC] [ ] [ ] Press one of the four buttons to select TV PC, FM Radio or HD mode.
- In DVD mode, press these buttons to record (●), rewind (◄◄), stop (■) and play (▶) a CD or DVD disc.

6 Active Control button

Optimises the picture quality depending on the quality of the incoming signal and the ambient light conditions.

7 Cursor buttons ◎

The four segments function as the **Left, Right, Up** and **Down** buttons for the selection and adjustment of menu items.

8 Menu button

Displays and also exits menu on screen.

9 Volume + / – button

Increases or decreases volume.

10 Mute button

Mutes sound. To restore sound, press button again.

11 On-Screen Display (OSD) / Teletext button

- In **TV** mode, it displays information (programme number, sound mode, time remaining on the timer, if any). Press and hold button for 5 seconds to display the programme number permanently on the screen.
- In **Teletext** mode, press button to return to the main Index page.

4
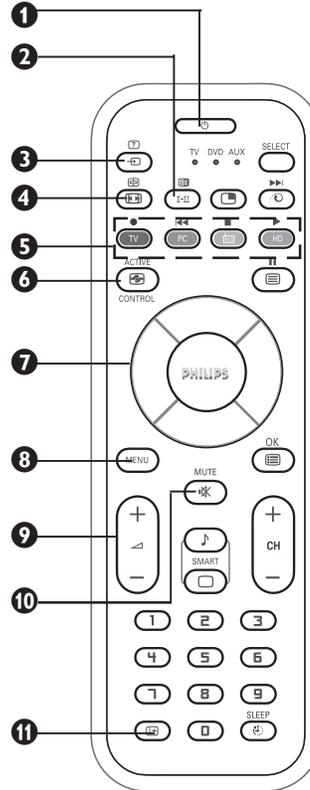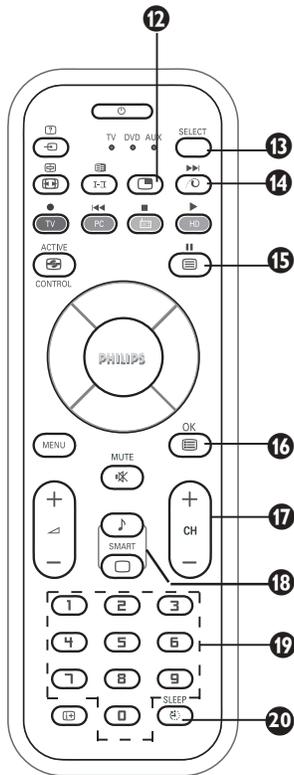
⑫ Picture-in-Picture (PIP)button
When in PC mode, you can call up a PIP window for the PC. Likewise, when you are in PC mode, you can call up a PIP window for TV (See section on "Using the PIP for more information).

⑬ Mode Selector button
Press button repeatedly to select the required mode (TV, DVD, AUX). The indicator lights up to display the selected mode when the button is pressed. The indicator switches off after about 20 seconds if left idle and automatically return to TV mode.

⑭ Pixel Plus button / Fast Forward button
– **In TV mode,** press the button to display the Pixel Plus demonstration mode. Pixel Plus feature offers the unique combination of ultimate sharpness, increased depth impression, true natural detail, brillioant and vivid colours. It also offers a smooth and natural motion at any time and from any source.

> NOTE : **Pixel Plus** is applicable to **23PF9956** and **26PF9956** models only.

– **In DVD mode**, it allows you to fast forward a VCD/ DVD disc.

⑮ Teletext / Pause button
– In TV mode, it allows you to access teletext mode.
– In DVD mode, it allows you nto pause the programme you are watching.

⑯ Programme list / OK button
– In TV mode, it allows you to display a list of programmes (see section on "Using the Programme Feature").
– In DVD mode, it confirms selections and adjustments.

⑰ Channel + / – button
Allows you to select channels in ascending or descending order.

⑱ Smart Sound and Picture button
Allows you to access and select the different types of s sound and picture setting (see section on :Using the Smart Sound and Picture feature").

⑲ Digit (0 -9) buttons
Allows you select a channel. **Note** : For a 2-digit number, the second digit must be entered before the "–" sign disappears.

⑳ Sleep buttons
Allows you to select a time period after which the set will switch to standby mode automatically. (see section on "Using the Sleeptimer").

5

ACCESSING THE TV MAIN MENU AND SUB-MENUS

Operating instructions generally explains the operation of the TV set using the buttons on the remote control unless otherwise stated. Please read the following instructions carefully and follow the steps as shown to familiarise yourself with the installations and all features available in your set.

The TV main menu allows you access to the **Picture, Sound, Features**, **Install** and **Mode** menus.

Before you proceed to access the TV menus, familiarise yourself with these remote control buttons which you will use very often. They are namely : **MENU, CURSOR** and **On-Screen Display (OSD)** buttons.

MENU button

Press this button to enter the TV main menu.

You can also use this button exit menu on the screen.

OSD button

Use this button to display or exit screen information (channel number, sound mode, time remaining on the timer, if any). Press and hold button for five seconds to display the channel number permanently on the screen.

Cursor Up

Cursor Left

Cursor Right

Cursor Down

CURSOR buttons

The four segments on the button are the **Cursor Up/ Down/Left/Right** buttons.

Use these buttons to allow you to select your required menu item, make adjustments and also access the sub-menus.

6

SELECTING THE MENU LANGUAGE AND AUTOMATIC INSTALLATION OF TV CHANNELS

The TV **Install** menu allows you access to the **Language**, **Auto Store, Manual Store**, **Sort, Name** and **Channel Edit** functions.

Before you access the TV Install menu, ensure the set is in TV mode. If not, press the ⬚ (TV) button on the remote control to enter into TV mode.

Step	Press button

1 MENU — Enter the main menu.

2 Select **Install**.

> **Note** : The **shaded** part of the Cursor button indicates the area where you should press.

3 Enter **Install** menu.

4 Select your preferred language
(The menu language will now be in the language you have selected).

```
TV Menu
  Picture      · Brightness
  Sound        · Colour
  Features     · Contrast
  Install      · Sharpness
  Mode         · Hue
```

```
Install
  Language      ◊  English  ◊
  Auto Store ▶
  Manual Store ▶
  Sort ▶
  Name ▶
  Channel Edit ▶
```
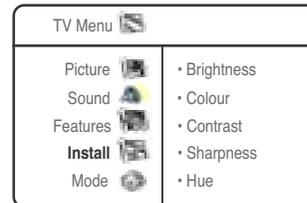
> **NOTE** : **IF** you have selected the wrong language for one reason or another and do not understand the language to operate the set, do the following to bring you back to your preferred language :
> – press the **OSD** button to quit the menu.
> – press the **MENU** button to enter the main menu.
> – press the **CURSOR DOWN** button repeatedly to highlight the fourth item on the menu and press **CURSOR RIGHT** button to go into the Language menu.
> – select your preferred language with the **CURSOR LEFT** or **RIGHT** buttons (the menu will now appear in the chosen language). You can now proceed to install the TV channels automatically.

5 Select **Auto Store**.

```
Install
  Language
  Auto Store ▶    ◊   Start   ◊
  Manual Store ▶
  Sort ▶
  Name ▶
  Channel Edit ▶
```

6 Start automatic tuning of channels.

7 ⬚ Exit menu from screen once the automatic installation is completed,

```
Auto Store
  Channel ▶          2
  TV ▶          196.MHz
  ◊ ———————————————— ◊
```

7
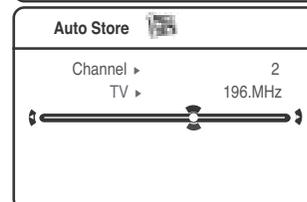
MANUAL TUNING OF TV CHANNELS

You can also choose to tune your TV channels. Manual tuning allows you to store each programme manually.

Step	Press button

Repeat **Steps 1** to **3** as in "**Automatic Installation of TV Channels**"

4 — Select **Manual Store** and enter **Manual Store** menu.

5 — **Colour System** is highlighted. Select the appropriate colour system.

6 — Select **Sound System.**

7 — Select the appropriate sound system.

Note : If **Auto** is selected, the respective colour and sound system will be automatically selected according to the transmission system.

8 — Select **Search** to start manual tuning of channels. Searching stops once a transmitting channel is found.

9 — If the channel reception is not satisfactory, select **Fine Tune.**

10 — Adjust accordingly with the **Cursor Left** or **Right** buttons. If reception is good, proceed to select channel.

11 — Select **Channel.**

12 — Key in your desired channel number.

13 — Select **Store.**

Store channel. **Note** : If you want to continue searching for another transmitting channel, repeat steps 8 to 12.

14 — Exit menu from screen.

Manual Store

Colour System	↕	**Auto**	↕
Sound System	▶		
Search	▶		
Channel	▶		
Fine Tune	▶		
Store	▶		

Manual Store

Colour System	▶		
Sound System	↕	**Auto**	↕
Auto Search	▶		
Channel	▶		
Fine Tune	▶		
Store	▶		

Manual Store

Colour System	▶		
Sound System	▶		
Search	↕	**196.25MHz**	↕
Channel	▶		
Fine Tune	▶		
Store	▶		

Manual Store

Colour System	▶		
Sound System	▶		
Search	▶		
Channel	▶		
Fine Tune	↕	———	2 ↕
Store	▶		

Manual Store

Colour System	▶		
Sound System	▶		
Search	▶		
Channel	↕	**8**	↕
Fine Tune	▶		
Store	▶		

Manual Store

Colour System	▶		
Sound System	▶		
Search	▶		
Channel	▶		
Fine Tune	▶		
Store	↕	**Store?**	↕

8

SORTING OF TV CHANNELS

This Sort function allows you to change channel number of your choice for a particular TV station.

Step	Press button

Repeat **Steps 1** to **3** as in "**Automatic Installation of TV Channels**".

❹ Select **Sort** and enter sort mode by the **Cursor Right** button.

❺ Select the programme you want to change channel number.

❻ Enter sorting mode (The arrow cursor now points to the left).

❼ Select the new channel you want to be exchanged.

❽ Activate sorting mode (The arrow cursor points to the right and the sorting is completed).

❾ Exit menu from screen.

```
┌─────────────────────────┐
│ Install                 │
│                         │
│ Language  ▶   •  0      │
│ Auto Store ▶  •  1      │
│ Manual Store ▶ • 2      │
│ Sort  ▶       •  3    ↕ │
│ Name  ▶       •  4      │
│ Channel Edit ▶ • 5      │
└─────────────────────────┘
```

```
┌─────────────────────────┐
│ Install                 │
│                         │
│ Language  ▶   •  0      │
│ Auto Store ▶  •  1      │
│ Manual Store ▶ • 2      │
│ Sort  ▶       •  3    ↕ │
│ Name  ▶       •  4      │
│ Channel Edit ▶ • 5      │
└─────────────────────────┘
```
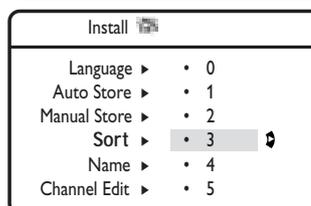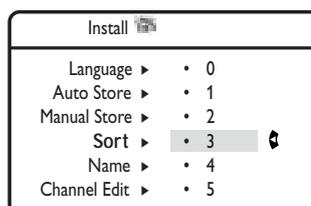
NAMING OF TV CHANNELS

Naming function allows you to enter a name for any channel you select.

Step	Press button

Repeat **Steps 1** to **3** as in "**Automatic Installation of TV Channels**".

❹ Select **Name** and enter name mode by the **Cursor Right** button.

❺ Select the programme you want to name.

❻ Enter naming mode.

❼ Key in first character. To key in the next character, press the (Cursor right) button to move to the next slot. (You can key up to a maximum of 5 characters).

❽ Store name. The name is now indicated on the top left corner.

❾ Exit menu from screen.

```
┌─────────────────────────┐
│ Install                 │
│                         │
│ Language  ▶             │
│ Auto Store ▶            │
│ Manual Store ▶          │
│ Sort  ▶                 │
│ Name  ▶       ↕ 2 ↕     │
│ Channel Edit ▶          │
└─────────────────────────┘
```

```
┌─────────────────────────┐
│ Install                 │
│                         │
│ Language  ▶             │
│ Auto Store ▶            │
│ Manual Store ▶          │
│ Sort  ▶                 │
│ Name  ▶      2 ↕ Z ↕    │
│ Channel Edit ▶          │
└─────────────────────────┘
```

9
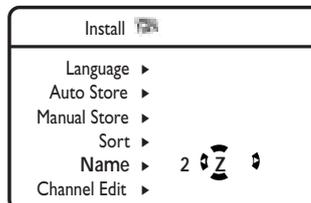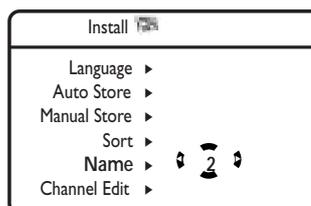
EDITING OF TV CHANNELS

This feature allows you to edit or skip channels have bad or weak TV signal or channels that you do not watch often.
Note : Once a channel is skipped, you cannot have access to it by the CHANNEL + or – button. You can only access the channel by the DIGIT (0 - 9) button.

| Step | Press button |

Repeat **Steps 1** to **3** as in "**Automatic Installation of TV Channels**".

❹   Select **Channel Edit**.

```
Install
─────────────────────────
Language      ►   • Channel
Auto Store    ►   • Skipped
Manual Store  ►
Sort          ►
Name          ►
Channel Edit  ►
```
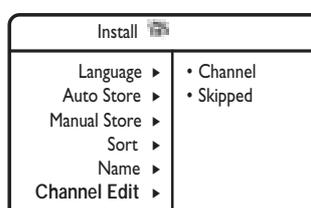
❺   Enter **Channel Edit** menu.

❻   Select the channel you want to skip.

```
Channel Edit
─────────────────────────
Channel      ◊    3    ◊
Skipped  ►
```
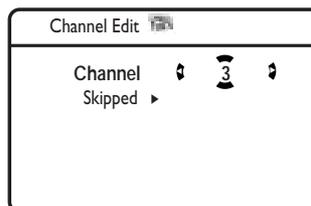
❼   Select **Skipped**.

❽   Select On option to activate skipping of channel. A " ✗ " sign will appear at the top left hand corner indicating channel is skipped.

```
Channel Edit
─────────────────────────
Channel    ►
Skipped    ◊   On   ◊
```
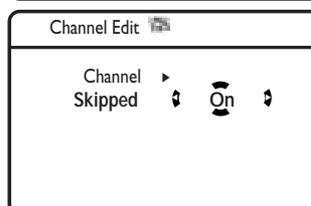
❾   Exit menu from screen.

How to restore skipped channels

• Repeat **steps 1** to **6** as in "**Editing of TV Channels**".

• Select the channel you want to unskip by the (Cursor Up) or (Cursor Down) button.

• Press the (**Cursor Right**) button to activate unskipping of channel.

• Exit menu from screen by the (**OSD**) button.

10

USING THE PICTURE AND SOUND SETTINGS

The Picture and Sound menus allow you to choose or make adjustments to the pictutre and sound settings.

Step	Press button	
❶	MENU	Enter the main menu.
❷		Select **Picture** or **Sound**.
❸		Enter **Picture** or **Sound** menu.
❹		Select **Picture** or **Sound** item you want to adjust.
❺		Adjust **Picture** or **Sound** menu item.

```
Picture

Brightness  ◄────●───── 38►
    Colour ►
  Contrast ►
 Sharpness ►
Colour Temp ►
```

```
Sound

 Equalizer
  Balance ►◄────●───── 1►
      AVL ►
Dolby Virtual ►
```
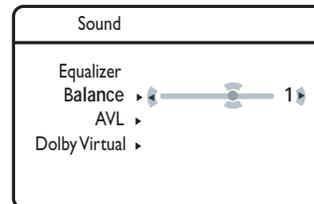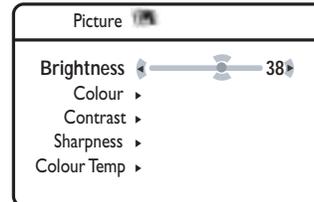
Picture menu items	Activities
Brightness	Increase or decrease brightness level.
Colour	Increase or decrease color level.
Contrast	Increase or decrease contrast level until lightest parts of the picture show good detail.
Sharpness	Increase or decrease sharpness level to improve detail in the picture.
* Hue	Increase or decrease colour intensity * Note : Hue is only applicable to NTSC programmes. The Hue item will not appear on the menu if programme is in PAL mode.
Colour Temperatue	Allows you a choice of 3 picture settings : Normal (balanced), Warm (redder) and COOL (bluer).

Sound menu items	Activities
Equalizer	Allows you to select a sound tone from 120 Hz (Bass) to 10KHz (Treble).
Balance	Increase or decrease to adjust balance level on the left and right speakers.
AVL (Auto Volume Leveller)	Selecting the "On" option will limit increase in volume especially during programme change or commercial breaks.
Dolby Virtual	Allows you to select between Stereo and Dolby Virtual when transmission is in stereo and Spatial and Mono sound when transmission is in mono.

11

USING THE TIMER

The Timer feature allows you to set the timer to switch to another channel at a specified time while you are watching another channel. For the timer to function, the set must not be switched off. Once the set is switched off, the timer is disabled.

1 Press (MENU) (Menu) button to enter the main menu.

2 Press (Cursor Down) button to select **Features.**

3 Press (Cursor Right) button to enter **Features** menu.

4 Press (Cursor Right) button to enter **Timer** menu.

Features	
Timer	• Time
Child Lock ▸	• Start Time
Contrast+ ▸	• Stop Time
NR ▸	• Channel
PIP ▸	• Activate
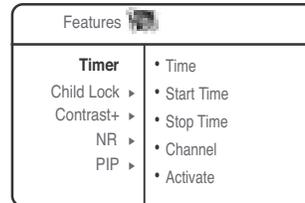
Use the Menu and Cursor Up, Down, Right and Left buttons to access the Timer menu items. make the following adjustments or activate the timer.

Time : Key in the current time to enable functioning of the timer feature.

Start Time : Key in the time you want the channel to be switched on.

Stop Time : Key in the time you want the program to be switched off.

Timer	
Time	--:--
Start Time ▸	
Stop Time ▸	
Channel ▸	
Activate ▸	
Display ▸	
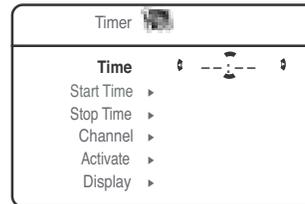
Channel : Key in the channel number you want to switch to.

Timer	
Time ▸	
Start Time ▸	
Stop Time ▸	
Channel ▸	2
Activate ▸	
Display ▸	

Activate : Select between the **Once** and **Daily** mode to activate the timer.

Timer	
Time ▸	
Start Time ▸	
Stop Time ▸	
Channel ▸	
Activate ▸	Once
Display ▸	
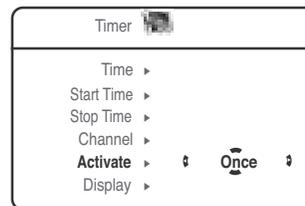
Display : Select the **On** option to display current time on screen.

Timer	
Time ▸	
Start Time ▸	
Stop Time ▸	
Channel ▸	
Activate ▸	
Display ▸	On

12
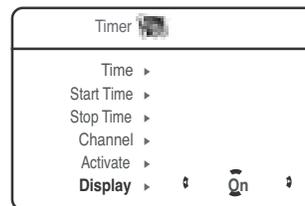
USING THE CHILD LOCK

The **Child Lock** feature allow you to lock channels to prevent your children from watching programmes you deem undesirable.

How to Access the Child Lock menu

Step	Press button	

❶ MENU   Enter the main menu.

❷ ⊙   Select **Features**..

❸ ⊙   Enter **Features** menu..

❹ ⊙   Select **Child Lock**.

❺ ⊙   Enter **Child Lock** mode.

❻ [keypad] Key in access code **0711**. A message **Incorrect** will appear. Key in access code **0711** a second time. It will then prompt you to change code.

❼ [keypad] Key in access code of your choice.

❽ [keypad] Confirm new access code. Once the new code is confirmed, the **Child Lock** menu will appear. If you want to activate locking of channels, you can proceed to the next page for information on how to use the various locking options. If not, press ⊞ button to exit menu from screen.

TV Menu
- Picture   • Timer
- Sound   • Child Lock
- **Features** • Contrast+
- Install   • NR
- Mode   • PIP

TV Menu
- Timer ▸   Access Code
- **Child Lock** ▸
- Contrast+ ▸   ◊ – – – – ◊
- Install ▸
- Mode ▸

TV Menu
- Timer ▸   Access Code
- **Child Lock** ▸
- Contrast+ ▸   ◊ * * * * ◊
- Install ▸
- Mode ▸

TV Menu
- Timer ▸   Change Code
- **Child Lock** ▸
- Contrast+ ▸   ◊ * * * * ◊
- Install ▸
- Mode ▸

TV Menu
- Timer ▸   Confirm Code
- **Child Lock** ▸
- Contrast+ ▸   ◊ * * * * ◊
- Install ▸   Confirmed
- Mode ▸
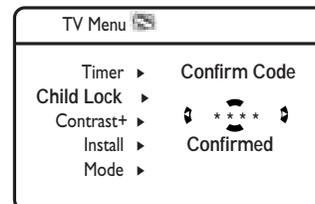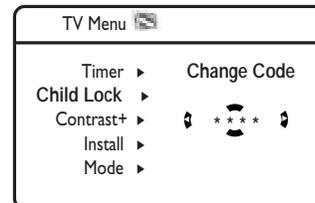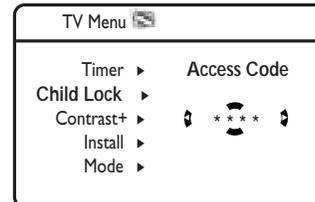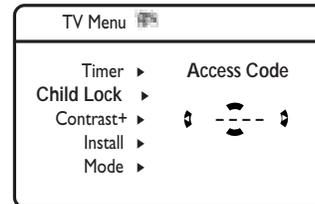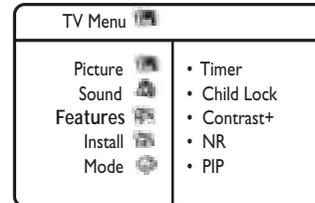
Note : If you exit menu from screen and enter child lock menu again, you need to key the new access code only once. If you have forgotten the new access code, repeat steps 4 to 8.

13

USING THE CHILD LOCK

The **Child Lock** menu allows you to : lock Individual or All TV channels, lock HD (High Definition) channel, change Access Code and clear Individual or All TV channels.

Repeat **Steps 1** to **5** as in "**Using the Timer**" and key in access code by the (Digit 0 - 9) buttons.

In the **Child Lock** menu, use the **Menu** and **Cursor Up** / **Down** / **Right** and **Left** buttons to access and activate the Child Lock functions.

Lock Channel : Press ⊙ button to enter channel lock mode. Use ⊙ buttons to select channel to lock or unlock channel and ⊙ buttons to lock or unlock selected channel. Once a channel is locked, a keylock symbol (🔒) will appear beside the channel number. Press the ⬭MENU button to exit from Lock Channel mode and return to Child Lock menu.

```
Child Lock
Lock Channel        ◊  8  ◊   🔒
    Lock HD ▸
 Change Code ▸
    Clear All ▸
    Lock All ▸
```
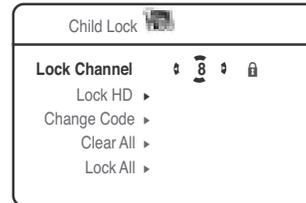
Lock HD : Use the ⊙ button to select **On** or **Off** option to lock or unlock HD channel.

```
Child Lock
Lock Channel ▸
    Lock HD        ◊   On   ◊
 Change Code ▸
    Clear All ▸
    Lock All ▸
```
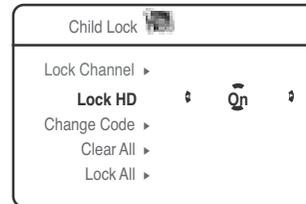
Change Code : Press ⊙ button to enter change code mode. Key in the access code of your choice by the Digit 0 - 9 buttons. Key new access code a second time to confirm.

```
Child Lock
Lock Channel ▸     New Code
    Lock HD ▸
 Change Code       ◊  - - - -  ◊
    Clear All ▸
    Lock All ▸
```
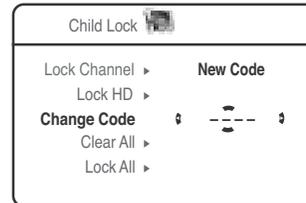
Clear All : Press the ⊙ button to clear all channels.

```
Child Lock
Lock Channel ▸
    Lock HD ▸
 Change Code ▸
    Clear All        ◊  Clear?  ◊
    Lock All ▸
```
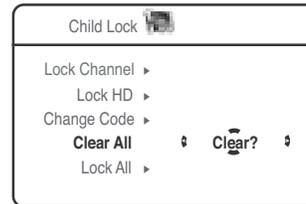
Lock All : Use the ⊙ button to lock all channels.

```
Child Lock
Lock Channel ▸
    Lock HD ▸
 Change Code ▸
    Clear All
    Lock All ▸       ◊   On   ◊
```

14
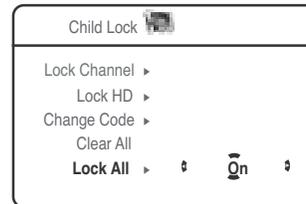
USING THE CONTRAST+ AND NOISE REDUCTION FEATURE

The **Contrast+** feature allows you to optimise the total contrast of the picture for improved picture visibility. The **NR** (Noise Reduction) feature allows you to improve "noisy" picture (little dots on picture) due to weak signal transmission. Select the "**On**" option to activate this **Contrast+** or **Noise Reduction** feature.

1 Press (MENU) (Menu) button to enter the main menu.

2 Press (⊙) (Cursor Down)) button to select **Features**.

```
┌─────────────────────────────────┐
│ TV Menu 📺                        │
├─────────────────────────────────┤
│ Picture 🖼       • Timer          │
│ Sound 🔊        • Child Lock      │
│ Features 📋      • Contrast+       │
│ Install 📺       • NR             │
│ Mode ⚙          • PIP            │
└─────────────────────────────────┘
```

3 Press (⊙) (Cursor Right) button to enter **Features**.

4 Press (⊙) (Cursor Right) button to select **Contrast+** or **NR** (Noise Reduction).

```
┌─────────────────────────────────┐
│ Features 📋                       │
├─────────────────────────────────┤
│ Timer                            │
│ Child Lock                       │
│ Contrast+       ◄     On      ►  │
│ NR                               │
│ PIP                              │
└─────────────────────────────────┘
```

5 Press (⊙) (Cursor Left/Right) button to toggle toggle between **On** and **Off** options. Select **On** option to activate feature.

6 Exit menu from screen by the (⊡) button.

```
┌─────────────────────────────────┐
│ Features 📋                       │
├─────────────────────────────────┤
│ Timer                            │
│ Child Lock                       │
│ Contrast+                        │
│ NR              ◄     On      ►  │
│ PIP                              │
└─────────────────────────────────┘
```
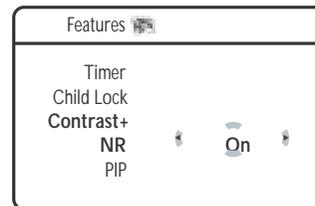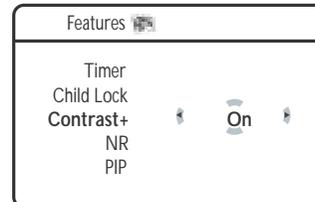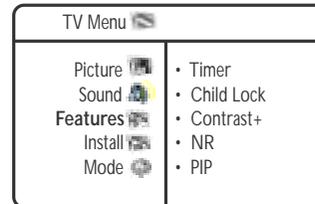
PIXEL PLUS FEATURE   **Applicable to 23PF9956 and 26PF9956 models only.**

This LCD TV comes with a unique feature known as the **Pixel Plus**. Pixel Plus feature offers the unique combination of ultimate sharpness, increased depth impression, true natural detail, brilliant and vivid colours. It also offers a smooth and natural motion at any time and from any source. To allow you to see this unique feature, do the following :

1 Press (/⊙) (Pixel Plus) button on the remote control. A Pixel Plus demonstration will appear on the screen. The left hand side of the screen shows the picture without the Pixel Plus enhancement while the right hand side shows the picture with the Pixel Plus enhancement.

2 Press (⊙) (Pixel Plus) button to exit the Pixel Plus demonstration from the screen.

15
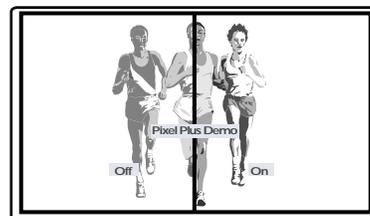
USING THE PIP (PICTURE-IN-PICTURE) FEATURE

The feature allows you call up a PIP (Picture-in-Picture) window of the PC. For the PIP to function, the DVI input of the LCD TV must be connected to the DVI output of the PC (see Quick Guide for connection).

1 Press (MENU) button to enter the main menu.

2 Press button repeatedly until **Features** is selected.

3 Press button to enter **Features** menu.

4 Press button repeatedly until **PIP** is selected.

5 Press button to enter **PIP** menu.
PIP Size is highlighted.

6 Press button to select your desired PIP size options, namely : **Off, Small, Medium, Large** or **Side-by-Side**. You can also choose to move the PIP window (Small, Medium or Large) **horizontally** or **vertically** from top to the bottom to your desired position.

7 Press button to select **Horizontal** or **Vertical**.

8 Press button to move PIP window horizontally or vertically.

9 To exit PIP window from screen, press button until **PIP Size** is highlighted. Press repeatedly until **Off** option is selected.

Features	
Timer	• Time
Child Lock ▸	• Start Time
Contrast+ ▸	• Stop Time
NR ▸	• Channel
PIP ▸	• Activate

PIP	
PIP Size ◂	Off ▸
Horizontal ▸	
Vertical ▸	

PIP	
PIP Size ▸	
Horizontal ◂ ——— 1 ▸	
Vertical ▸	

PIP	
PIP Size ▸	
Horizontal ▸	
Vertical ◂ ——— 1 ▸	

PIP	
PIP Size ◂	Off ▸
Horizontal ▸	
Vertical ▸	
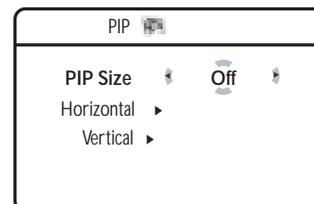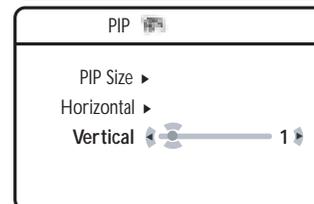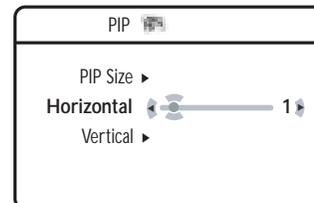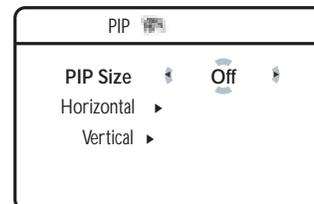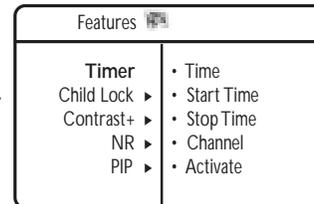
NOTE
You can also access the PIP window directly via the (PIP) button on the remote control.
• Press the button to display the PIP window.

• Press the button repeatedly to toggle through the various PIP window sizes and select your desired PIP wndow size.

• Use the buttons to move your PIP window horizontally or vertically.

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USING THE MODE FEATURE

This LCD TV also offers the use of your TV as a FM Radio, PC monitor and a High Definition TV. The Mode feature allows you to switch from **TV** mode to **FM Radio, PC** or **HD** mode to access the benefits in the chosen mode. Note : For the **FM Radio, PC** or **HD** to function, the appropiate and right connections must be made (refer to Quick Guide on connections).

1 Press (MENU) button to enter main menu.

2 Press button repeatedly until **Mode** is selected.

3 Press button to enter **Mode** menu.

4 Press button select the mode you want to switch to.

5 Press button to activate the change of mode.

TV Menu	
Picture	• TV
Sound	• FM Radio ▸
Features	• PC ▸
Install	• HD ▸
Mode	

TV Menu	
Picture	• TV
Sound	• **FM Radio** ▸
Features	• PC ▸
Install	• HD ▸
Mode	
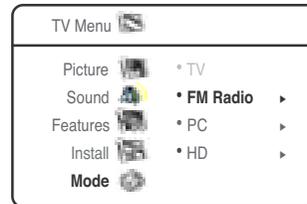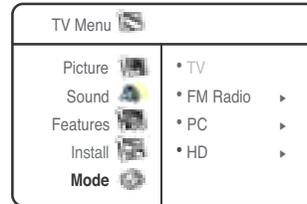
USING THE SLEEPTIMER

Sleeptimer function allows you to select a time period (15 minutes increment up to 60 minutes, followed by 30 minutes increment up to 90 minutes and then 60 minutes increment up to 240 minutes) in which the set will switch to standby mode automatically upon reaching the selected time period. You can also choose the **Sleep Off** option to switch off Sleeptimer function.

1. Press the $\overset{SLEEP}{\textcircled{\small ⏻}}$ **(SLEEPTIMER)** button to display the time period.

2. Press the $\overset{SLEEP}{\textcircled{\small ⏻}}$ **(SLEEPTIMER)** button repeatedly to cycle through the various time periods and select the your desired time period.
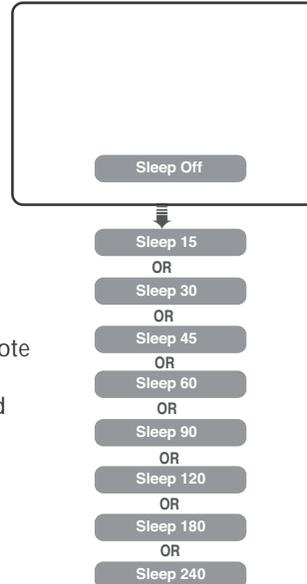
Note

• During the last minute of a Sleep time setting, an on-screen countdown will be displayed. Pressing any button on the remote control during the countdown will cancel the Sleep-timer.
• During the last 10 seconds of a Sleep timer setting, the word "**Goodbye**" will be displayed on the screen.

Sleep Off
⬇
Sleep 15
OR
Sleep 30
OR
Sleep 45
OR
Sleep 60
OR
Sleep 90
OR
Sleep 120
OR
Sleep 180
OR
Sleep 240

17

USING THE SCREEN FORMATS

Screen Format function allows you a choice of different formats for your viewing pleasure, namely : - **4:3**, **Zoom 14:9**, **Zoom 16:9**, **Subtitle Zoom**, **Super Zoom**, **Widescreen** and **Full Screen**.

Press the ⊞ (**Screen Format**) button repeatedly to cycle through the various screen formats and select the format of your choice. You can also use the 🔘 (**Cursor Left/Rght**) buttons to cycle through the various screen formats.

Definition of Screen Formats

4:3 Mode
This picture is reproduced in 4:3 format and a black band is displayed on either side of the picture.
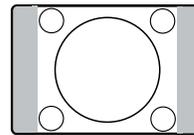
Zoom 14:9 Mode
This picture is enlarged to 14:9 format, a thin black band remains on both sides of the picture.
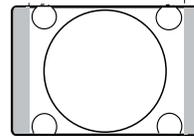
Zoom 16:9 Mode
This picture is enlarged to 16:9 format. This mode is recommended when displaying pictures which have black bands at the top and bottom (letterbox format).
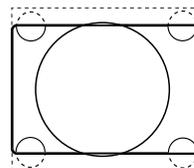
Subtitle Zoom Mode
This mode is use to display 4:3 pictures using the full surface of the screen leaving the subtitles visible.
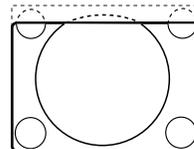
Super Zoom Mode

This mode is use to display 4:3 pictures using the full surface of the screen by enlarging the sides of the picture.
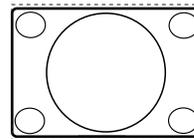
Widescreen Mode
This mode restores the correct proportions of pictures transmitted in 16:9 using full screen display.
Note : If you display a 4:3 picture in this mode, it will be enlarged horizontally.
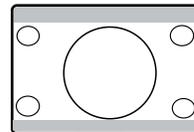
Full Screen
Select this mode when displaying pictures have black bands at the top and bottom or at the left and right to enable you to enjoy full display of the picture on the screen.

18
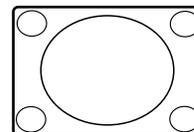
USING THE PROGRAM LIST FEATURE

Program List feature allows you to an overview of the listing of all the installed TV channels and at the same time to let you select the channel you want to watch.

❶ Press ⊞ (**Program List**) button to display the list of the installed TV channels

❷ Press ⊕ button to scroll through the list of channels and select the channel you want to watch.

❸ Press ⊕ button to switch to your selected channel.

❹ Press ⊞ button to exit menu from screen.

Program List
2
3
4
5
5

Program List
2
3
4
5
5
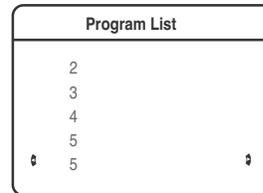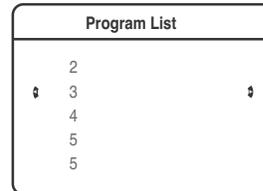
USING THE ACTIVE CONTROL FEATURE

This feature automatically adjust the picture setting for optimal picture quality continuously under any signal conditions. You can select the **Active Control On** mode or the **Active Control On With Sensor** mode.

If **Active Control On With Sensor** mode is selected, the sensor will sense and adjust picture setting according to the lighting conditions of the room.

You can also select to **Active Control Off** mode to switch off Active control function.

❶ Press the ⊚ (**ACTIVE CONTROL**) button repeatedly to cycle through the various **Active Control** modes and select your desired mode.

❷ Press ⊞ button to exit menu from screen.

Active Control   Off

OR

Active Control   On

OR

Active Control   On With Sensor

19

USING THE TV SMART PICTURE AND SOUND FEATURE

Smart Picture feature offers you a choice of 5 picture settings, namely, **Rich, Natural**, **Soft**, **DVD/VCD** and **Personal.**

Smart Sound feature offers you a choice of 4 sound settings, namely, **Theatre, Music, Voice** and **Personal**.

Press ⬭ (**Smart Picture**) or ♪ SMART (**Smart Sound**) button repeatedly to cycle through the settings to select your desired mode.

Definition of Picture Settings

Personal	: Picture settings are set to your preference.
Rich	: Emphasize very vibrant colours. (Suitable for AV mode in brightly-lit room)
Natural	: Emphasize original colours.
Soft	: Emphasize "warm" colours. (Suitable for dimly-lit room condition and gives cinema-like effect when light is switched off).
DVD/VCD:	Emphasize "soft" colours. (Suitable for playing computer games, surfing, etc.)

Personal

OR

Rich

OR

Natural

OR

Soft

OR

DVD/VCD
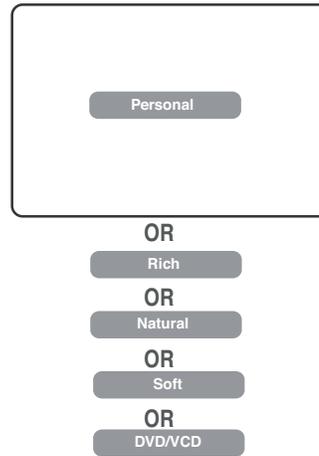
Note : The **Personal** setting is the setting that you set up using the Picture menu in the main menu. This is the only setting in the Smart Picture settings that can be changed. All the other settings are pre-set at the factory.

Definition of Sound Settings

Personal	: Sound settings are set to your preference.
Theatre	: Emphasize sensation to action. (Bass and Treble boosted)
Music	: Emphasize low tone. (Bass boosted)
Voice	: Emphasize high tone. (Treble boosted)

Personal

OR

Theatre

OR

Music

OR

Voice

20
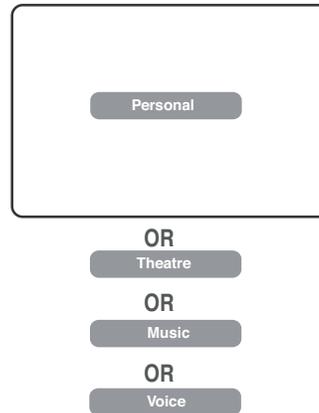
USING THE TELETEXT

If a TV channel broadcast contains teletext information, each channel that broadcasts teletext transmits a page (index page) with information on how to use the teletext system, usually on page 100. The system transmitted is indicated in the option line at the bottom of the screen.
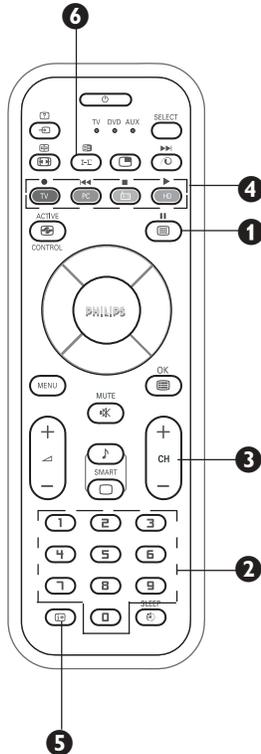
① On/Off teletext and Superimpose teletext page over TV programme

Press the button once to switch on teletext display. (Select a channel in which teletext is being transmitted). Press the button the second time to superimpose the teletext page over the TV programme. Press the button the third time to exit teletext mode.

② Selecting a teletext page
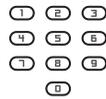
Key in the required teletext page (3 digits). The page number is displayed at the top left hand corner of the screen. When the teletext page is located, the counter stops searching. If the counter keeps searching, it means that the page is not available for selection. If you make a mistake in keying the page number, you have to complete keying the 3-digit number before re-keying the correct page number.

③ Accessing a teletext page

Press the **CHANNEL +** button to display the next page and the **CHANNEL –** button to display the previous page.

④ Direct Access to an item or corresponding pages

The 4-colour buttons allow you to access directly an item or corresponding pages.

⑤ Main Index

Press the button to return to the main index page.

⑥ Dual Page Text

Press button to display or exit dual page text mode. The active page is displayed on the left and the following page is displayed on the right. Press (Hold) button if you want to hold a page (contents page). The active page is now displayed on the right. To return to normal mode, press (Dual page / I-II) button.

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USING THE TELETEXT
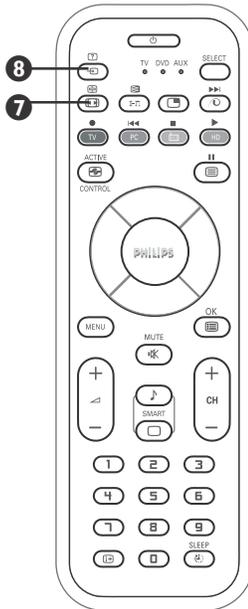
7	Hold	When a dual page is displayed, use this button to toggle between the dual page. Once an active page is selected, the other page will be on hold mode. If the page has sub-pages, use the Cursor Right or Left button to access the next or previous page
8	Reveal/ Conceal	Press the button once to reveal hidden information (solutions to puzzles, riddles, etc). Press the button the second time to conceal information. This button is applicable only to teletext page with puzzles, riddles, etc.)

How to select your favourite page

This feature allows you select 4 of your favourite or most commonly viewed page and stored them in the favourite page selection. You can then access directly your favourite page by the colour buttons without having to key in the page number.

1. Press the (▤) (**Teletext On/Off**) button to enter teletext mode.

2. Press the (MENU) (**MENU**) button to enter favourite page selection. **Note** : The colour alphabets at the bottom of the screen is now changed to page numbers.

3. Key in your favourite page by the (**Digit 0 -9**) buttons.

4. Press the (▦) (**OSD/Index**) button followed by your desired colour button to store your favourite page.

5. Repeat **step 3** to **4** to select and store other favourite pages.

6. To exit Favourite page mode, press (MENU) (**MENU**) button.

7. Press the (▤) (**Teletext On/Off**) button twice to exit teletext mode.

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USING THE LCD TV AS A FM RADIO

This LCD TV also provides you an FM Radio for your listening pleasure. Connect the radio aerial lead to the FM Antenna socket located at the bottom of the TV.

Selecting the FM Radio Mode

Press the (**FM Radio**) button on the remote control to change from the existing mode (TV/PC/HD) to FM Radio mode. To return to TV mode, press the (**TV**) button.

Accessing the FM Radio Menus

1 Press the (**MENU**) button to enter the **FM Radio** main menu.

2 Use the (**Cursor Up/Down/Left/Right**) buttons to select, adjust or activate menu items.

> **NOTE** : **Picture** menu is not applicable for FM Radio. The other menus (**Sound/Features/Install/Mode**) work in exactly the same way as the TV menus.

Installing the FM Radio Stations

Using the **MENU** button, enter the FM Radio main menu. Use the **Cursor Up/Down/Left/Right** buttons to select, adjust or activate menu items. The Install menu comprises the following items, : **Language**, **Auto Store**, **Manual Store**, **Sort** and **Name**.

Language : Allows you to select your preferred language to view the on-screen menu in the selected language.

Auto Store : Allows you to install the FM Radio stations automatically (complete search).

Manual Store : Allows you to install the FM Radio stations manually (station for station search).

Sort : Allows you to change the channel number to another channel number for a particular radio station.

Name : Allows you to enter a name for any FM Radio channel you select.

Note : Once the FM Radio stations are installed, use the **Digit (0 - 9)** or **CHANNEL + / –** buttons to access the radio stations.

Radio Menu
- Picture — • Equaliser
- **Sound** — • Balance
- Features — • AVL
- Install — • Dolby Virtual
- Mode

Install
- **Language** — English
- Auto Store ►
- Manual Store ►
- Sort ►
- Name ►
- Channel Edit

Install
- Language
- **Auto Store ►** — Start
- Manual Store ►
- Sort ►
- Name ►
- Channel Edit

Manual Store
- Colour System
- Sound System
- **Search** — 196.25MHz
- Channel ►
- Fine Tune
- Store ►

Manual Store
- Language ► — • 0
- Auto Store ► — • 1
- Manual Store ► — • 2
- **Sort ►** — • **3**
- Name ► — • 4
- Channel Edit — • 5

Manual Store
- Language ►
- Auto Store ►
- Manual Store ►
- Sort ►
- **Name ►** — 2
- Channel Edit

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USING THE LCD TV AS A FM RADIO

Using the FM Radio Sound Settings

The Sound menu allows you to choose or make adjustments to the sound settings. The menus work in exactly the same way as the TV menus.

Use the **MENU** and **Cursor Down** buttons, enter the FM Radio main menu and select **Sound**.
Use the **Cursor Up/Down/Left/Right** buttons to select, adjust or activate sound menu items. The Sound menu comprises the following items : **Equalizer**, **Balance**, **AVL** and **Dolby Virtual**.

```
Sound
─────────────────────────────
Equalizer          • 120 Hz
  Balance  ▸       • 500 Hz
      AVL  ▸       • 1500 Hz
Dolby Virtual ▸    • 5 KHz
                   • 10 KHz
```
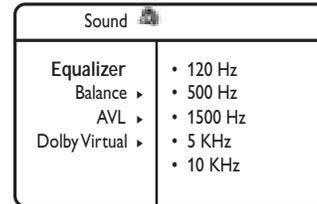
Using the Features Items

In the Features menu, you have access to the Timer and the Screensaver function. The Timer menu works in exactly the same way as the TV menu. As for the Screensaver function, select the "**On**" option to activate the Screensaver mode. Once activated, the time, the frequency of the station and the name (if available) will be displayed in motion on the screen.

```
Features
─────────────────────────────
   Timer ▸
Screensaver    ↕   On   ↕
```
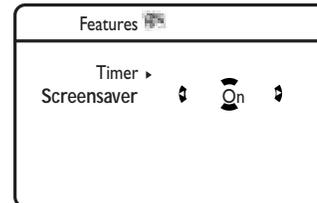
Using the Mode feature

In the **Mode** menu, it allows you to switch from FM Radio mode to TV, PC or HD mode to access the benefits in the chosen mode. The Mode menu works in exactly the same way as the TV menu.

```
Radio Menu
─────────────────────────────
 Picture        • TV       ▸
 Sound          • FM Radio
 Features       • PC       ▸
 Install        • HD       ▸
 Mode
```
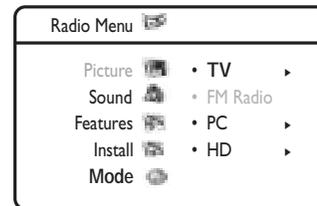
Using the Smart Sound feature

You have a choice of five musical modes : **Personal**, **Classical**, **Jazz**, **Pop** and **Rock**. Except for **Personal**, the other musical modes are pre-determined in the factory. The way you select the desired frequency is the Sound menu is the **Personal** mode.

```
          Personal
```

OR
Classical
OR
Jazz
OR
Pop
OR
Rock

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USING THE LCD TV AS A PC MONITOR

This LCD TV also be used as a PC Monitor. For the PC mode to function, connect the VGA cable if your PC has only analogue option and the DVI cable if our PC has only digital option (refer to Quick Guide for connection).

Selecting the PC Mode

Press the (**PC**) button on the remote control to change from the existing mode (TV/FM Radio/HD) to PC mode. To return to TV mode, press the (**TV**) button.

Accessing the PC Menus

❶ Press the (**MENU**) button to display the **PC** main menu.

❷ Use the (**Cursor Up/Down/Left/Right**) buttons to select, adjust or activate PC menu items, namely : **Picture, Audio Selection, Features, Reset to Factory** and **Mode**.

```
PC Mode
  Picture          • Brightness
  Audio Selection  • Contrast
  Features         • Horizontal
  Reset to Factory • Vertical
  Mode             • Colour Temp.
```
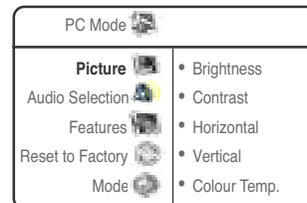
Using the Picture Settings

Use the **Cursor Up/Down/Left/Right** buttons to select, adjust or activate picture menu items., namely :

– **Brightness/Contrast** : allows you to adjust the brightness and contrast.
– **Horizontal/Vertical** : allows you to adjust the horizontal and vertical placing of the image.

> **NOTE** : **Horizontal** and **Vertical** features are only applicable when the PC is connected via the VGA cable.

– **Colour Temp.** : allows you three options of different colour temperature of the picture, namely : **Cool** (blue white), **Normal** (balanced) or **Warm** (red white).

```
Picture
  Brightness  —————|——  38
  Contrast ▶
  Horizontal ▶
  Vertical ▶
  Colour Temp. ▶
```
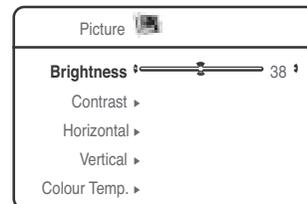
Using the Audio Selection feature

Use the **Cursor Left/Right** buttons, select the sound (**TV, FM Radio** or **PC/HD**) you want to reproduce on the TV . For example, you can listen to the radio while you are using the computer.

Note : You cannot listen to the radio when you display the PIP (Picture-in-Picture) screen.

```
PC Mode
  Picture
  Audio Selection    Radio
  Features
  Reset to Factory
  Mode
```

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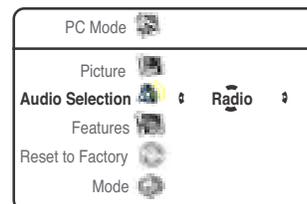
USING THE LCD TV AS A PC MONITOR

Using the Features Items

Use the **Cursor Up/Down/Left/Right** buttons to select, adjust or activate picture menu items, namely : **Phase, Clock, Format, PIP** and **Auto Adjust**.

Phase/Clock : allows you to eliminate the horizontal (Phase) and vertical (Clock) interfering lines.

Format : allows you to choose between **Full Screen** or the **Native** (original) format of the PC screen.

PIP : allows you to display a PIP window for the TV, See below for more information on the use of this feature.

Auto Adjust : allows you to adjust and set the position of the image automatically. Press the **Cursor Right** button to start adjustment. Once adjustment is completed, it will prompt you to store adjustment. Use the **Cursor Up/Down** buttons to select "Yes" option and press **Cursor Right** button to store adjustment.

PC Mode
Picture   • Phase
Audio Selection   • Clock
Features   • Format
Reset to factory   • PIP
Mode   • Auto Adjust

Features
Phase   ◁━━━━━△━━━━━━   3◁
Clock
Format
PIP
Auto Adjust

NOTE : **Phase, Clock** and **Auto Adjust** features are only applicable when the PC is connected via the VGA cable.
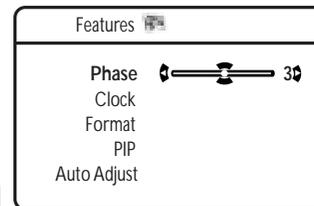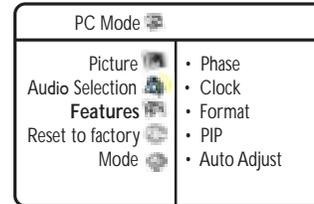
Using the PIP in the Features menu

You can display a PIP window to watch TV programme at the same time. This feature is only applicable when the computer is connected to the DVI input.

Use the **Cursor Up/Down** buttons to select the items (PIP Size, Horizontal Size, or Vertical) you want to adjust.

Use the **Cursor Left/Right** buttons to select your preferred PIP screen size (**Small, Medium, Large** or **Side-by-Side**) or to move the PIP screen horizontally, vertically or side-by-side).

To switch off PIP screen, select "**Off**" option in the PIP Size menu.

PIP
PIP Size   ◆   Off   ◆
Horizontal ▶
Vertical ▶
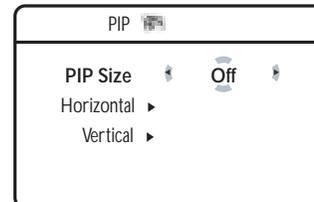
Configure the computer on 1024 x 768, 60 Hz for optimum resolution. If you use another resolution, the PIP function may not work. In this case, a warning message is displayed on the screen.

Here is the list of different resolutions available on your TV.

640 X 350, 70HZ	720 X 400, 70HZ	1024 X 768, 60HZ	1152 X 864, 75HZ
640 X 350, 85HZ	720 X 400, 85HZ	1024 X 768, 70HZ	1280 X 960, 60HZ
640 X 480, 60HZ	800 X 600, 56HZ	1024 X 768, 75HZ	1280 X 1024, 60HZ
640 X 480, 67HZ	800 X 600, 60HZ	1024 X 768, 85HZ	1280 X 1024, 75HZ
640 X 480, 72HZ	800 X 600, 72HZ		
640 X 480, 75HZ	800 X 600, 75HZ		
640 X 480, 85HZ	800 X 600, 85HZ		
	800 X 624, 75HZ		

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USING THE LCD TV AS A PC MONITOR

Using the Reset to Factory Feature

This feature allows you to reset the TV settings to the factory settings.

Use the **Cursor Up/Down** buttons to select **Reset to Factory**.

Use the **Cursor Right** button to enter **Reset to Factory** mode and press the **Cursor Up/Down** button to select **Yes** or **No** option. If **Yes** option is selected, press the **Cursor Right** to activate reset mode.

```
PC Mode
  Picture
  Audio Selection
  Features
  Reset to Factory        Reset    Yes
  Mode                             No
```
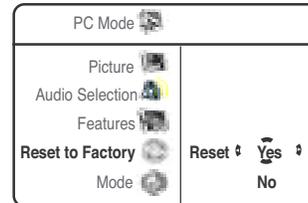
Using the Mode Feature

This feature allows you to switch from **PC** mode to **TV, FM Radio** or **HD** mode.

Use the **Cursor Up/Down** buttons to select **Mode**.

Use the **Cursor Right** button to enter **Mode** menu and press the **Cursor Up/Down** button to the mode you want to switch to. Press **Cursor Right** button to activate the change of mode.

```
PC Mode
  Picture              • TV          ▶
  Audio Selection      • FM Radio    ▶
  Features             • PC
  Reset to Factory     • HD          ▶
  Mode
```
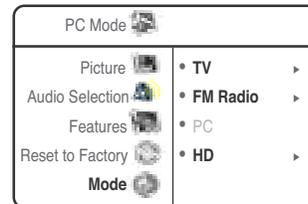
USING THE HD (HIGH DEFINITION) MODE

This LCD TV also provides you HD facility to enjoy clearer and sharper pictures through the VGA inputs if you ar using a High Definition receiver/equipment that can transmit high definition programming.

Press the (HD) (**HD**) button on the remote control to change from the existing mode (TV/PC/HD) to HD mode.

Except for the absence of the **Install** function, all menu items in the HD main menu, namely : **Picture**, **Sound**, **Features** and **Mode** are the same as TV menu items and work in exactly the same way as the TV main menu.
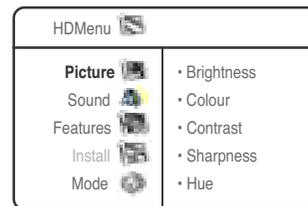
Using the **MENU** button, enter the HD main menu. Use the **Cursor Up/Down/Left/Right** buttons to select, adjust or activate menu items.

```
HDMenu
  Picture      • Brightness
  Sound        • Colour
  Features     • Contrast
  Install      • Sharpness
  Mode         • Hue
```

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BEFORE CALLING SERVICE

Below is a list of frequently occurred symptoms. Before you call for service, make these simple checks. Some of these symptoms can easily be rectified if you know what to do.

Symptom	What you should do
No power	• Check the TV's AC power cord is plugged into the mains socket. If there is still no power, disconnect plug. Wait for 60 seconds and re-insert plug. Switch on the TV again.
No picture	• Check the antenna connection at the rear of the TV. • Try another channel to confirm whether it is a particular TV station problem or otherwise.
Good picture but no sound	• Try increasing the volume. • Check that the sound is not muted. If it is muted, press the **Mute** button on the remote control to restore sound.
Good sound but poor colour or no picture	• Try increasing the contrast and brightness setting.
Snowish picture and noise	• Check antenna connection at the rear of the TV.
Horizontal dotted lines	• Possible electrical interference e.g. hairdryer, vacuum cleaner, etc. Switch off appliances.
Double images or "Ghost" images	• Possible poor positioning of antenna. Using a highly directional antenna may improve reception.
TV not responding to remote control handset	• Aim remote control handset directly at remote control sensor lens on the TV. • If still not responding, check whether plastic insulation sheet is removed and the battery is not placed correctly (words on battery facing you). • Try changing the battery.
Incorrect Display position (PC mode)	• Adjust the image position using the Horizontal Position and/or Vertical Position in the PC Mains Controls menu.
No Video Input (PC Mode)	• Make sure the monitor cable is properly connected to the PC input (VGA/DVI) at the bottom of the TV. • Check whether the monitor cable has bent pins.
Vertical flicker appears (PC Mode)	• Try eliminating the vertical bars by using the Clock Adjustment Adjustment of Video Noise in the Main PC Menu.
Horizontal flicker appears (PC Mode)	• Try eliminating the horizontal bars by using the Phase. Adjustment of Video Noise in the Main PC Menu.
Screen too bright or dark (PC Mode)	• Try adjusting the contrast and brightness in the Main Menu.
Cannot access FM radio (FM Radio Mode)	• Check whether the connection from FM Antenna socket to the FM Radio mains is done correctly.

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SPECIFICATIONS

	17PF9946	23PT9946 / 23PT9956	26PF9946 / 26PF9946
Picture tube screen size	450 mm	590 mm	660 mm
Audio Output :	2 x 3 W	2 x 5 W	2 x 5 W
TV System	NTSC M (3.58 – 4.5) NTSC (4.43 – 5.5) PAL B/G PAL D/K PAL I SECAM B/G SECAM D/K SECAM K1		
Playback System	NTSC 3.58, NTSC 4.43, PAL 60		
Set Dimensions : Width Depth Height	528 mm 375 mm 240 mm	690 mm 433 mm 240 mm	788 mm 504 mm 270 mm
Net Weight of set with stand (approximate)	6 kg	11.2 kg	15 kg
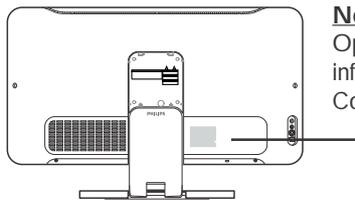
Note
Open the Connector Cover at the rear of the set for information on the Operating Voltage, Frequency, Power Consumption and Version Number.