Goodmans

GTV27WLCD

27'' WIDE SCREEN LCD MONITOR

INSTRUCTION MANUAL

PRE FITTED MAINS PLUGS

For your convenience a mains plug has been fitted to this appliance. For your safety please observe the following information.

1. Should the fuse in the plug remove the plug from the wall socket and replace the fuse with a 5 Amp ASTA approved to BS 1362 fuse.
2. Never use the plug without the fuse cover fitted. Replacement fuse covers are available from your dealer or most electrical retail outlets.
3. If the cable of the mains plug is cut off the cable, rewire the replacement plug in accordance with instruction given in this manual.
4. CAUTION: Under no circumstances should the discarded plug be inserted mains socket. To prevent a shock hazard carefully dispose of the discarded plug. Do not leave the plug lying around where children might see it.

WARNING： To prevent fire or shock hazard do not expose this unit to rain or moisture.

CAUTION： DANGEROUS VOLTAGES EXIST INSIDE THIS UNIT. DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL. DISCONNECT FROM MAINS SUPPLY WHEN NOT IN USE.

PLUG WIRING DETAILS

The wires in this mains lead are coloured in accordance with the following wiring codes：

Blue………………Neutral
Brown…………………Live

The wires in this mains lead must　be connected to the terminals in　the plugs as follows:

Blue Wire…………N or Black
Brown Wire…………L or Red
Only a 3 Amp fuse should be fitted　in the plug or a 5 Amp fuse at the distribution board.

E

BROWN Live

BLUE Neutral

BS 1362 FUSE

Cord clamp
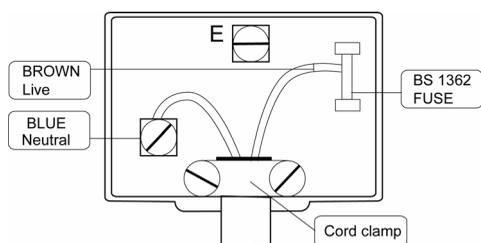
WARNING： UNDER NO CIRCUMSTANCES MUST THE LIVE OR NEUTRAL WIRES BE CONNECTED TO THE EARTH TERMINAL IN A 3-PIN MAINS PLUG.

Please make sure the following items are included with your LCD Display.
Notify us within 14 days after purchase if it is not complete. With your LCD
Display you receive:
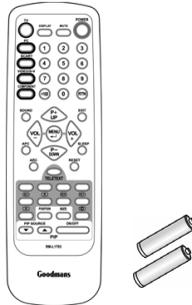
Remote Control &

Batteries(AAA X2)

15 Pin D-sub

Signal Cable

Power Cord

Contents

1.SAFETY AND PRECAUTIONS

CAUTION

CLEANING: Always disconnect unit from mains supply before attempting to clean it. Use soft cloth moistened with soapy water, wipe gently. Do not use solvents of abrasive materials.

SOME DO's AND DONT'S ON THE SAFE USE OF EQUIPMENT

This equipment has been designed and manufactured to meet European safety standards but like any electrical equipment, care must be taken if you are to obtain the best results and safety is to be assured.

Do read the operating instructions before you attempt to use the equipment.

Do ensure that all electrical connections (Including the mains plug, extension leads and interconnections between pieces of equipment) are properly made in accordance with the manufacturer's instructions. Switch off and withdraw the mains plug when making or changing connections.

Do consult your dealer if you are ever in doubt of the installation, operating, or safety of your equipment.

Don't continue to operate the equipment if you are in any doubt about it working normally, or if it is damaged in any way-switch off, withdraw the mains plug and consult your dealer.

Don't remove any fixed covers as this may expose dangerous voltages.

Don't leave equipment switched on when it is unattended unless it is specifically stated that it is designed for unattended operation or has a standby mode. Switch off using the switch on the equipment and make sure that your family knows how to do this. Special arrangements may need to be made for infirm or handicapped people.

Don't listen to headphones at high volume, as such use can permanently damage your hearing.

Don't obstruct the ventilation of the equiment, for example with curtains or soft furnishings. Overheating will cause damage and shorten the life of the equipment.

Don't allow electrical equipment to be exposed to rain or moisture.

Above all
---- Never let anyone, especially children, push anything into holes, slots or any other opening as this could result in a fatal electric shock.
---- Never guess or take chances with electrical equipment of any kind.
---- It is better to be safe than sorry!

WARNING:TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE. DANGEROUS HIGH VOLTAGES ARE PRESENT INSIDE THE ENCLOSURE. DO NOT OPEN THE CABINET. REFER SERVICING TO QUALIFIED PERSONNEL ONLY.

IMPORTANT NOTES

Hearing is very important to you and to us so please take care when operating this equipment. It is strongly recommended that you follow the listed guidelines in order to prevent possible damage or loss of hearing:

ESTABLISH A SAFE SOUND LEVEL
● Over time your hearing will adapt to continuous loud sounds and will give the impression that the volume has in fact been reduced. What seems normal to you may in fact be harmful. To guard against this **BEFORE YOUR HEARING ADAPTS** set the volume at a low level.
● Slowly increase the level until you can hear comfortably and clearly and without distortion.
● Damage to your hearing is accumulative and is irreversible.
● Any ringing or discomfort in the ears indicates that the volume is too loud.

Once you have established a comfortable listening level, DO NOT INCREASE THE SOUND LEVEL FURTHER.

The following list of typical sound levels may assist you in recognising just how loud you have set the volume level.

DECIBEL

Level dB   Example

30dB   Quiet library, soft whisper.
40   Living room, fridge freezer bedroom away from traffic.
50   Normal conversation, quiet office, light traffic.
60   Electric sewing machine.
70   Vacuum cleaner, hair dryer, noisy restaurant.

THE FOLLOWING NOISE CAN BE HARMFUL UNDER CONSTANT EXPOSURE

80dB   Average city traffic, alarm clock buzzer at 2 feet, food mixer.
90dB   Motorcycle, heavy goods vehicle, petrol lawn mower.
100   Pneumatic drill, chain saw, garbage truck, discotec / night-club.
120   Rock band concert, thunderclap.

PERMANENT LOSS OF HEARING

140   THRESHOLD OF PAIN Gunshot 2 feet away.
180   Rocket Launching pad.

PRECAUTIONS

> ➲ **Caution!** There are **no parts which can be serviced** or cleaned inside of the LCD monitor housing.

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

- Before cleaning **always disconnect the power line** and all connection cables.

- Do **not use any solvents**, caustic or gaseous cleaning agents.

- Clean the monitor with a soft, lint-free cloth.

- Ensure that no water droplets remain on the screen. Water can cause **permanent discoloration**.

- Do not expose the screen to **bright sunlight** or **ultraviolet radiation**.

IMPORTANT ADDITIONAL SAFETY INSTRUCTIONS

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

- Do not use this product near water (e.g., near a bathtub, wash bowl, kitchen sink or laundry tub, in a wet basement or near a swimming pool).

- Use only the power cord indicated in this manual. Do not dispose of batteries in a fire. They may explode. Check with local codes for possible special disposal instructions.

2.INTRODUCTION

Thank you for purchasing our LCD monitor.

PERFORMANCE CHARACTERISTICS

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

➤ Less space required
➤ Lower weight
➤ Power savings

High image quality

➤ WXGA standard: resolution up to 1280 x 720

Further features

➤ The terminals include Tuner receiving terminal (TV), PC Input, SCART (Video & RGB), Video, S-Video and Component (YCbCr / YPbPr) Input.

➤ Rotate and tilt features for optimizing the viewing position.

➤ Easy-to-use remote control.

➤ Easy-to-use on-screen menu system

➤ PIP, picture in picture, double screen: PC display(Main) and Video display (Sub) on the same screen.

➤ Normal, Panscan, Zoom and Full screen format available by pressing ARC button.

➤ Headphone socket for private listening.

➤ Built-in,dual channel speakers.

➤ A built-in NICAM sound decoder for stereo listening.

➤ Automatic programming system (A.P.S.) .

➤ A sleep timer.

➤ Child lock function.

3.CONNECTING EXTERNAL DEVICES

SCART

VIDEO

S-VIDEO

Y
Component Pb/Cb
Pr/Cr

AC IN

VIDEO device

DVD

D-SUB (PC Input)
PC AUDIO IN
HEAD PHONE
AUDIO IN 1 / OUT(R/L)
AUDIO IN 2 (R/L)
75 ohm AERIAL
INPUT SOCKET

PC

HEAD PHONE

VIDEO DEVICE

AERIAL
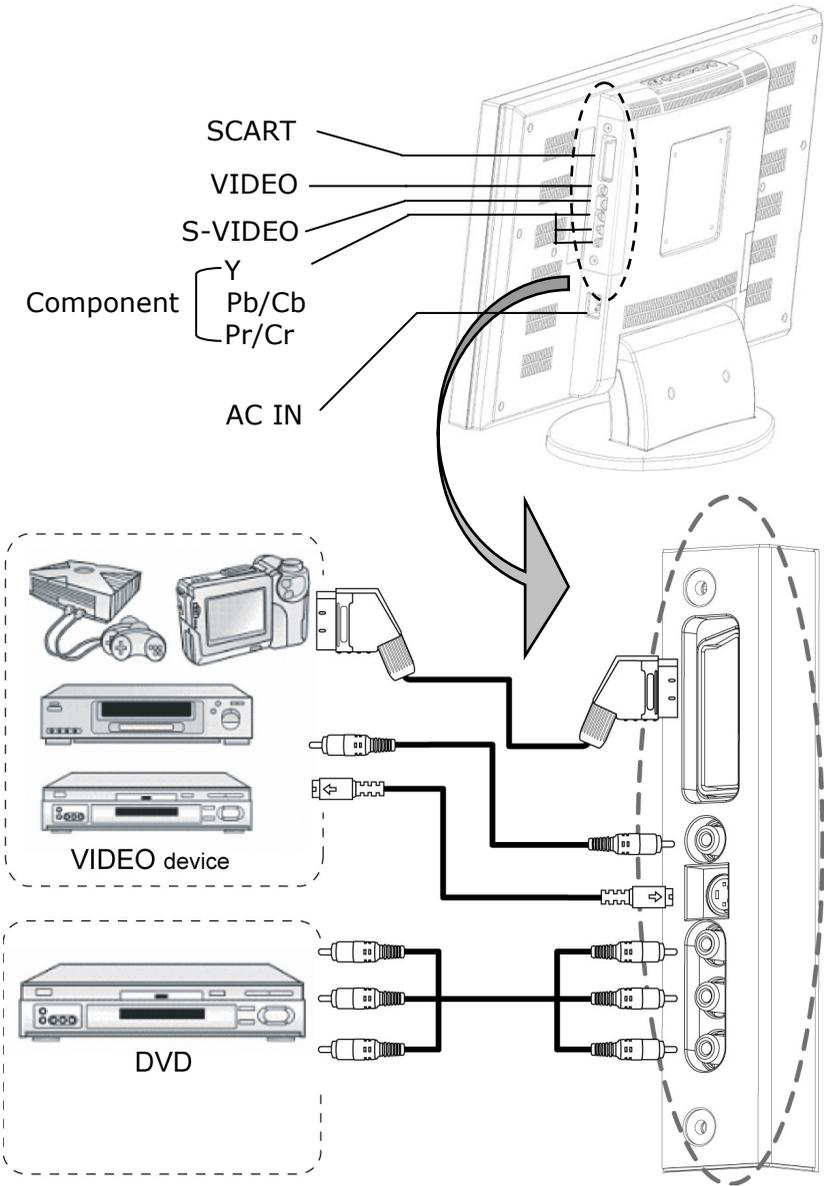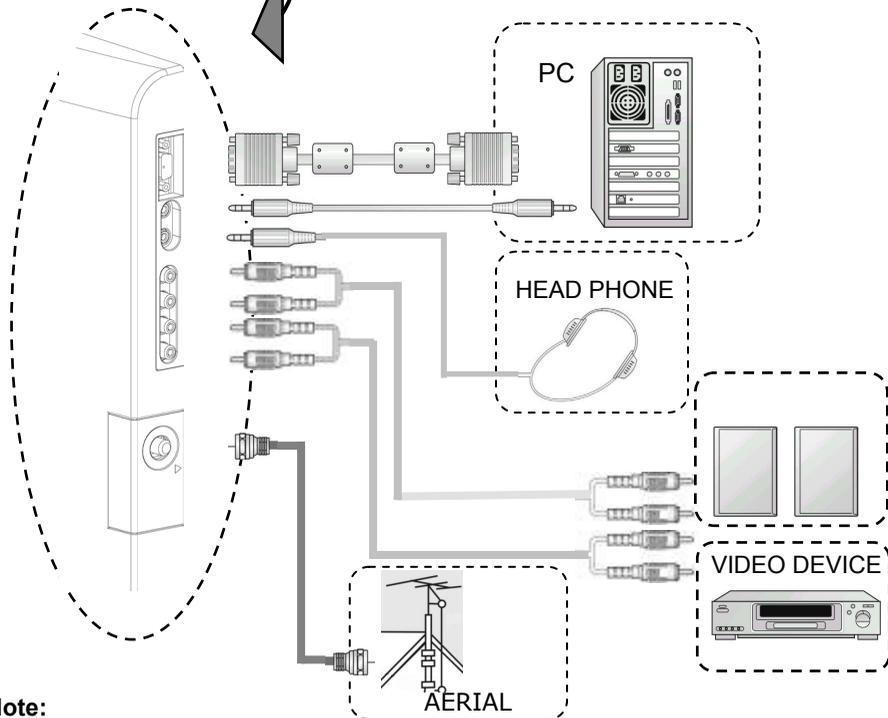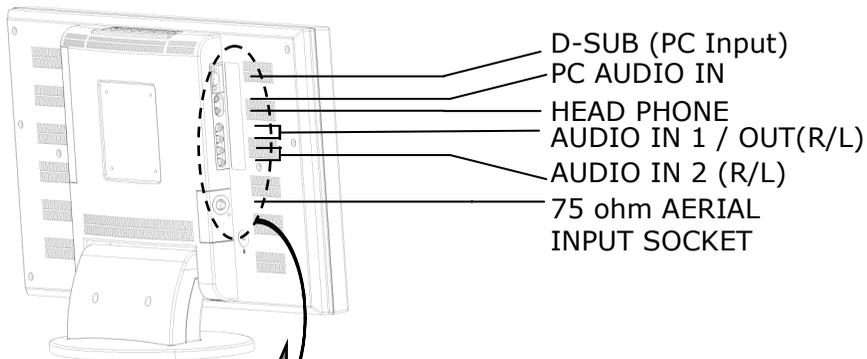
Note:

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

PIP sound : When using the PIP feature in PC mode, to hear the Sub display sound you must set the sound to "Sub".

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4.CONTROLS AND LOCATION

These buttons control your monitor's basic features, including the on-screen menu.To use the more advanced features, you must use the remote control.

POWER   : turn on or turn off the LCD monitor.
SOURCE   : select input source (PC, TV, SCART Video /
                                  SCART RGB, Video, S-Video, Component).
MENU   : display the main menu.
CHANNEL (down/up)   : change channels.
VOLUME   (-/+)   : turn up or turn down the volume.
ASPECT RATIO   : set up the display (Normal, Panscan, Zoom or Full.)
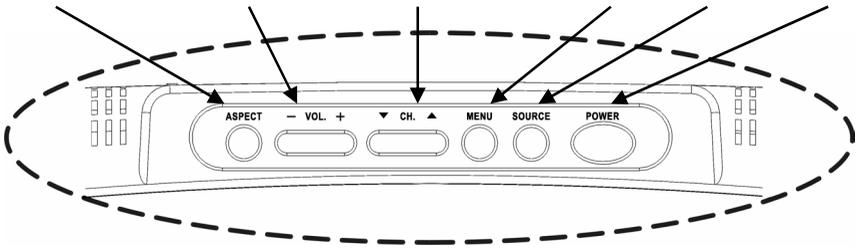
Speaker   **Speaker**

Remote sensor window
Aim the remote control towards this region on the LCD monitor.

Power indicator
A green indicator lights when the power is on and a red indicator lights when in the standby mode (the indicator will not light when the main power is off).

5.REMOTE CONTROL

The remote control pad works almost same as ordinary TV remote control that includes the basic function needed while viewing a live video.

DISPLAY: Display the current source or program digits.

MUTE

Main Display Sources:
· TV
· PC
· SCART Video/
  SCART RGB
· Video/S-Video
· Component:
  Y PbPr/ Y CbCr

POWER

PROGRAM / TELETEXT Page Select

RETURN:
Return to previous program/text page.

SOUND:
· Stereo
· Monaural

EXIT

VOLUME +/-

MENU/ENTER

Automatic Picture Control

Aspect Ratio Control

SLEEP TIMER

PROGRAM / TELETEXT Page/ MENU item Select

RESET:
Reset to the factory settings.

TELETEXT Functions

PIP Functions

TELETEXT

POSITION   SIZE

PIP SOURCE   ON/OFF

PIP

RM-L1703

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SUMMARY OF CONTROL BUTTONS

Selecting the Signal Source

TV	Switch to TV mode.
PC	Switch to PC mode.
SCART	Switch to Video mode or RGB mode from SCART.
VIDEO/S-V	Switch to Video mode from RCA socket or S-Video mode.
COMPONENT	Switch to Component mode (YPbPr or YCbCr).
DISPLAY	Display current source.

Menu Setting

MENU/ENTER	Display the main on-screen menu or enter the next menu.
UP/DOWN	Press to select the item you want to adjust in the OSD menu.
VOL- / VOL+	Press to decrease or increase the value in the OSD control bar.
EXIT	Exit from the menu.

Changing Channels

P- / P+	Press P- or P+ to change Programs in TV mode or Teletext page in TELETEXT mode.
0 ~ 9	To select programs directly in TV mode.
DISPLAY	Display the current channel.
RTN	Press to return to the previous channel.

Sound Control

VOL+ / VOL-	Press to increase or decrease the volume.
MUTE	Press to switch the sound on or off.
SOUND	Press to choose Stereo or Monaural broadcasts.

Teletext Control

TELETEXT	Press to show Teletext . Press again to return to TV Viewing.
⊒i INDEX	Press " INDEX" button to show the list of teletext contents.
⊒ HOLD	Press " HOLD" button to stop the automatic page change.
⊒x UPDATE	Press " UPDATE" button to switch to TV while waiting for the next text page.

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	REVEAL	Press "REVEAL" button to display concealed information, such as solutions of riddles or a quiz.
	EXPAND	Press "EXPAND" button to enlarge the top half or bottom half of the Teletext page.
	SUB-PAGE/TIME	Press "SUB-PAGE/TIME" button to access to the sub-page you required.
	RTN	Press to return to the previous viewed Teletext page.

PIP Control

ON / OFF	Press to watch one of the video sources on Sub-display, whilst in PC mode. Press again to turn off the Sub-display.
PIP Source	Press to select the PIP window input source as : Press ▲ button : TV→ SCART Video→SCART RGB→ Video→ S-Video→ Component Press ▼ button : Component→ S-Video → Video→ SCART RGB →SCART Video→ TV
SIZE	To make the PIP window double, large or small.
POSITION	Press to move the PIP window to: Top Left → Top Right→ Bottom Right → Bottom Left → Repeat.

NOTE: When you set Main-display at 1280x768/1024x768 resolution of PC mode and Sub-display YPbPr, the screen will appear "Not Available". You should reduce the PC resolution to 800 X 600 or 640 X 480. The PIP function will then work.

Other Function

RESET	Reset to the original factory settings, such as the Luminance/Contrast/ Color Temp.
ARC	Set the picture window to Normal(4:3) → Panscan→ Zoom→ Full (16:9)
APC	To select Clear,Dark, Nomal mode for picture control.
SLEEP	Press to select a preset time interval for automatic power off .
	SUB-PAGE/TIME	Press "Sub-Page/Time" To display the digital clock in TV mode.

6.A.P.S. FIRST TIME INSTALLATION

1. After removing the LCD monitor packaging, ensure the product is installed in a safe and well ventilated position.

2. Insert two AAA type batteries into battery compartment on the rear of the remote control.

3. Make sure the 75 ohm external aerial and Power cord are properly connected.

4. Press the **POWER** button to switch the set on.

5. The Automatic Search menu will appear when switching on the TV first time.

Automatic Search	Language
Country Language Start Exit	English Français Deutsch Español Italiano Suomi Svenska Exit

6. Select Country with **UP/DOWN** button, then press **MENU** button repeatedly to select the country you are now located.

7. Select Language with **UP/DOWN** button, then press **MENU** button. Select a menu language with **UP/DOWN** button, press **MENU** button. Press **MENU** button again to return to the previous screen.

8. Select Start with **UP/DOWN** button, then press **MENU** button to start APS.The APS(Automatic Programming System) menu will appear on the screen.

> **APS RUNNING PLEASE WAIT**

   *To cancel APS,press the **EXIT** button.

9. After APS is finalized, the Program List will appear on the screen. You can select, rename, delete, insert programs within the Program List. (For details, see "Program List Settings".)

10. Use the number buttons to directly access the program. For example, to select program 27, press "2" then "7" .The TV will change programe when you press the second number.You can also press **P-/P+** button on remote control to change programs.

7.GENERAL CONTROLS & ADJUSTMENT

TURNING THE LCD MONITOR ON AND OFF

Press the **POWER** button on the Remote Control. You can also use the **POWER** button on the top of the panel.

Notice: To turn the unit on, the **POWER** button must be held down at least 0.5 seconds before it is released. This is to prevent the unit from being turned on accidentally.

VIEWING THE MENUS AND ON-SCREEN DISPLAYS

1. With the power on, press the **MENU** button. The main menu appears on the screen.

Main Menu Screen

```
Main Display
Sub Display
Contrast/Brightness
Auto Image Adjust
Image
Colour
Menu Setup
Audio
PIP Setup
Language
Reset
Exit
```

2. Use the **UP**/**DOWN** button to select one of the menu options, and then press the **MENU** button to access to the Sub-menu.

3. Press the **MENU** button to return to the previous screen or press the **EXIT** button to exit from the menu.

Note: The menu varies with which input source is selected.

SWITCHING BETWEEN TV/PC/AV

1. Turn on the power of the connected video equipment.

2. Press the applicable button.

- Press **TV** button to switch to TV mode.
- Press **PC** button to switch to PC mode.
- Press **SCART** button once to switch to SCART RGB mode
  (RGB Signal Input via SCART)
- Press **SCART** button again to switch to SCART Video mode.
  (Composite Signal Input via SCART).
- Press **VIDEO/S-V** button once to switch to Video mode
  (Composite Signal Input Via RCA Socket).
- Press **VIDEO/S-V** button again to switch to S-Video mode.
- Press **COMPONENT** button to switch to YCbCr or YPbPr.

VOLUME CONTROL

Using Volume Control

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

Using Mute

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

1. Press the **MUTE** button and the sound cuts off.

2. Press the **MUTE** again or **VOL- / VOL+** button to turn the sound back to the previous level.

Note: The mute function is automatically turned off if **VOL- / VOL+** is pressed .

MENU ITEMS

1. Press the **MENU** button to display the main menu screen.

2. Press **UP/DOWN** button to select the desired menu item.

3. Press **VOL-** / **VOL+** to make adjustments.

4. Press the **MENU** button to return to the previous screen or press the **EXIT** button to exit.

Main Menu Screen
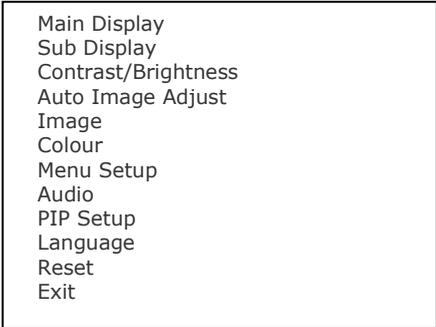
```
Main Display
Sub Display
Contrast/Brightness
Auto Image Adjust
Image
Colour
Menu Setup
Audio
PIP Setup
Language
Reset
Exit
```

SETTING THE SLEEP TIMER

You can set the Sleep Timer to automatically turn off the TV view of LCD monitor.

1. Press the **SLEEP** button to display the Sleep Timer screen.
2. Press the **SLEEP** button repeatedly to change the sleep time (in minutes).

The time can be set to 30 minutes , 60 minutes or 90 minutes.

30 min → 60 min → 90 min → off

.

CONTRAST AND BRIGHTNESS SETTINGS

You may need to perform separate adjustments for brightness and contrast for the different video modes. Typically, PC mode will be best viewed with lower brightness and contrast settings than are appropriate for the other modes.

1. Press the **MENU** button to display the main menu .

2. Press the **UP**/**DOWN** button to move cursor to Contrast / Brightness.

3. Press the **MENU** button to enter Contrast / Brightness.

4. Press the **VOL-** / **VOL+** button to set the Brightness or Contrast.

5. Press the **MENU** button to return to the previous screen or press the **EXIT** button to exit.

Main Menu Screen

Main Display
Sub Display
Contrast/Brightness
Auto Image Adjust
Image
Colour
Menu Setup
Audio
PIP Setup
Language
Reset
Exit

Brightness
Contrast
Exit

Contrast

0   100
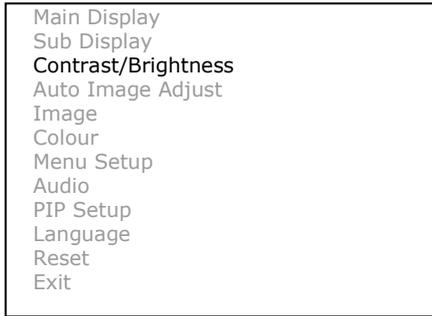
Contrast / Brightness

Brightness
Contrast
Exit

Brightness

-50   50
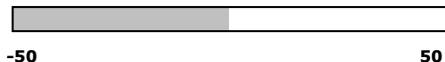
SETUP MENU SETTINGS

1. Press the **MENU** button to display the main menu screen.

2. Press the **UP**/**DOWN** button to move the cusor to Menu Setup.

3. Press the **MENU** button to enter Setup Menu.

4. This adjusts the blue background of the menu screens.

5. Decrease or increase the transparence of Menu.

6. Press the **MENU** button to return to the previous screen or press the **EXIT** button to exit.

Main Menu Screen

| Main Display |
| Sub Display |
| Contrast/Brightness |
| Auto Image Adjust |
| Image |
| Colour |
| **Menu Setup** |
| Audio |
| PIP Setup |
| Language |
| Reset |
| Exit |

Menu Setup

| Transparence |
| Exit |

Transparence

| |
| 0   15 |

AUDIO MENU SETTINGS

1. Press the **MENU** button to display the main menu screen.

2. Press the **UP**/**DOWN** button to move the cusor to Audio Menu.

3. Press the **MENU** button to enter Audio Menu.

4. Press the **UP**/**DOWN** button to select the desired item (Bass, Treble or Audio In/Out).

5. Press the **MENU** button to enter the desired item (Bass, Treble or Audio In/Out).

6. Press the **MENU** button to return to the previous screen or press the **EXIT** button to exit.

Note 1:
Audio In/Out is used to select the operation of the **Audio In1/Out** sockets on the left side of the TV. When set to **"In"** the **Audio In1/Out** sockets can be used for Component Audio input, while the **Audio In2** sockets is used for Video or S-Video input. When set to **"Out"** the **Audio In1/Out** sockets can be used to connect external speakers, while the **Audio In2** is used for Component ,Video or S-Video input.

Note 2:
When using the PIP feature in PC mode, you can listen to the sound of the sub screen instead of the main screen. To do so:
1.Select "Audio"
2.Select "Sound Source"
3.Select "Sub"
Then adjust the volume of the Sub-display using **VOL+** / **VOL-**.

Main Menu Screen

Main Display
Sub Display
Contrast/Brightness
Auto Image Adjust
Image
Colour
Menu Setup
Audio
PIP Setup
Language
Reset
Exit

Audio

Audio In/Out
Bass
Treble
Exit

Bass

▓▓▓▓▓▓
-5   +5

Treble

▓▓▓▓▓
-5   +5

Audio

Audio In/Out
Bass
Treble
Exit

Audio

Bass
Treble
Sound Source
Exit

Sound Source

Main
Sub
Exit

8.TV MODE ADJUSTMENT

ALTERING THE TV SETTINGS

1. Use the remote control **TV** button to set the input source to "TV" mode.

2. Press the **MENU** button to display the main menu screen.

3. Press the **UP**/**DOWN** button to select Programs.

4. Press the **MENU** button to enter.

5. Press the **UP**/**DOWN** button to the desired item.

6. Press the **MENU** button to set the desired item.

7. Press the **EXIT** button to exit.

Main Menu Screen

Main Display
Contrast/Brightness
Colour/Sharpness
Menu Setup
Audio
Programs
Child Lock
Reset
Exit

Programs

Automatic Search
Manual Search
Program List
Exit

AUTOMATIC SEARCH PROGRAMS

1. Press the **MENU** button to display the main menu screen.

2. Press the **UP**/**DOWN** button to select Programs and press **MENU** button.

3. Select Country using the **MENU** button and the Language you desired, and then select Start to run APS. The APS menu will appear on the screen.

```
    APS RUNNING PLEASE WAIT
```

*To cancel APS,press the **EXIT** button.
(For details, please see "A.P.S. First Time Installation".)

4. After APS is finalized, the Program List will appear on the screen.

5. You can select, rename, delete or insert programs within the Program List.(For detail, please see "Program List Settings".)

6. Press **EXIT** button to exit.

Main Menu Screen

```
Main Display
Contrast/Brightness
Colour/Sharpness
Menu Setup
Audio
Programs
Child Lock
Reset
Exit
```

Programs

```
Automatic Search
Manual Search
Program List
Exit
```

Automatic Search

```
Country
Language
Start
Exit
```

MANUAL SEARCH PROGRAMS

To program a channel in a TV's program number manually :

1. Press **MENU** button to display the main menu.

2. Press **UP / DOWN** button to select Programs , and then press **MENU** button .

3. Press **UP / DOWN** button to select Manual Search , and then press **MENU** button .

4. Press **UP / DOWN** button to select Program , and then press **VOL-/ VOL+** button to select the program number where you want the tuned channel to be stored .

5. Press **UP / DOWN** button to select System , and then press **VOL-/ VOL+** button to set to B/G, D/K, I or L (UK system is I).

6. Press **UP / DOWN** button to select Search , and then press **VOL- / VOL+** button .

● Press **VOL+** button to search forwards. If the found program isn't the desired one, press **VOL+** button again to search next available program .

● Press **VOL -** button to search backwards. If the found program isn't the desired one , press **VOL-** button again to search previous available program .

● To stop searching before a channel is found , press the reverse direction button . For example , when the TV is searching forward with **VOL+** button , press **VOL-** button to stop searching.

7. Press **UP / DOWN** button to select Store , and then press **MENU** button to store the searched channel to the program number you set .

8. Press **EXIT** button to exit from the menu.

Programs	**Manual Search**
Automatic Search **Manual Search** Program List Exit	Program 02 System B/G Search ▶▶▶ Store Exit

PROGRAM LIST SETTINGS

Program List is used to display the Program numbers and names . You can use this list to change / edit Name , Delete , or Insert programs .

1. Press **MENU** button to display the main menu.

2. Press **UP / DOWN** button to select Programs, and then press **MENU** button.

3. Press **UP / DOWN** button to select Program List, and then press **MENU** button. All the program names of the tuned channels will be shown by the yellow colour.

4. Press **P+ / P- / VOL- / VOL+** button to select program. The selected Program number will be shown by the Green colour.

5. Press **EXIT** button to exit.

Programs

Automatic Search
Manual Search
Program List
Exit

Program List

1. BBC1-	11. -----
2. BBC2-	12. -----
3. ITV--	13. -----
4. CH4--	14. -----
5. CH5--	15. -----
6. -----	16. -----
7. -----	17. -----
8. -----	18. -----
9. -----	19. -----
10. -----	20. -----

Name	Delete
Insert	

CHANGE OR EDIT NAMES

1. Move to the program number you want to rename or edit name by pressing **P+ / P- / VOL- / VOL+** button .

2. Press **RED** button .

3. Press **P+ / P-** button repeatedly to select a letter , and then press **VOL- / VOL+** button to select the position .(Each program name can be edited with up to 5 characters)

4. Press **RED** button again to Store.

```
Store                          P+
                        V-          V+
                              P-
```

DELETE THE PROGRAM

1. Move to the program number you want to delete by pressing **P+ / P- / VOL- / VOL+** button . The selected program number will be shown by the Green colour .

2. Press **GREEN** button . The corresponding channel will be deleted and all the other channels below this program number will be moved one program number up .

3. Press **GREEN** button again to Store .

```
                               P+
                        V-          V+
Store                         P-
```

INSERT THE PROGRAM

1. Move to the program to be inserted by pressing **P+ / P- / VOL- / VOL+** button .The selected program number will be shown by the Green colour .

2. Press **YELLOW** button .

3. Press **P+ / P- / VOL- / VOL+** button to move the selected program to the desired program number.

4. Press **YELLOW** button again to move off.

```
                               P+
                        V-          V+
Move off                      P-
```

SETTING THE CHILD LOCK

The CHILD LOCK feature automatically locks out the program that you selected.

Setting Up Your Personal ID Number (PIN)

1. Press the **MENU** button to display the main menu .

2. Press the **UP/DOWN** button to move the cursor to Child Lock, and then press the **MENU** button.

3. The "Please Enter Pin" screen will appear. At first time, you must enter 1111 (initial code).

4. Select Channel Lock.

5. Press **MENU** button. "**on**" will appear on the right side and the current program will be locked

6. Press **MENU** button again. "**off**" will appear on the right side and the current program will be unlocked.

7. Select Change Pin, if you want to change the Pin. As soon as the 4-digits are entered, the "Confirm new Pin" screen appears. Re-enter the same 4-digits. When the Confirm screen disappears, your PIN has been memorized. Press the **EXIT** button to exit.

Main Menu Screen

```
Main Display
Contrast/Brightness
Colour/Sharpness
Menu Setup
Audio
Programs
Child Lock
Reset
Exit
```

```
            Please Enter Pin
                -  -  -  -
```

```
Channel Lock On
Change Pin
Exit
```

NICAM/IGR BROADCAST SELECTION

Depending on the particular program being broadcast, you can press the **SOUND** button to listen to stereo, or monaural.

1. Press the **SOUND** button directly to display the two states on the top right of the screen.

2. Press the **SOUND** button repeatedly to select the following states.

Stereo broadcast
● Each time you press **SOUND**, the mode changes between "Stereo" and "Mono".
● When"Mono" is selected, the TV sound is output monaurally.
  -In stereo reception, if the stereo signal is weak and there is noise, you can switch to "Mono" to reduce the noise.

Monaural broadcast (For NICAM broadcasts)
● Each time you press **SOUND**, the mode changes between   "Nicam" and "Mono".
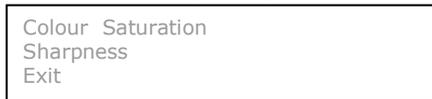
COLOUR/SHARPNESS SETTINGS

1. Press the **MENU** button to display the main menu screen.

2. Press the **UP**/**DOWN** button to move the cusor to Colour/Sharpness.

3. Press the **MENU** button to enter.

4. Press the **UP**/**DOWN** button to the desired item (Colour Saturation or Sharpness).

5. Press the **MENU** button to set the desired item (Colour Saturation or Sharpness).

6. Using the **VOL+**/**VOL-** to adjust the setting.

7. Select **EXIT** to return to the main menu screen.

Main Menu Screen

```
Main Display
Contrast/Brightmess
Colour/Sharpness
Menu Setup
Audio
programs
Child Lock
Language
Reset
Exit
```

Colour/Sharpness

```
Colour  Saturation
Sharpness
Exit
```

Colour Saturation

0   100

Sharpness

-5   +5

9.TELETEXT

Teletext is a free service broadcast by most TV stations which gives up-to-the-minute information news, weather, television programs, share prices, subtitles, and many other topics .

Note : No OSD adjustment apart from volume control will be available in teletext mode .
In teletext mode, **NUMBER** buttons , **P+**/**P-** and **RTN** buttons are used for Teletext function.

To operate TELETEXT

* Select a TV station on which Teletext is being transmitted .

* Press the **TELETEXT** button once to appear the teletext screen

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

* Press the **TELETEXT** button again to switch off teletext . The previous program reappears.

Teletext Page Selection

1. Enter the required Teletext page as a three digit numbers.

   -The selected page number is displayed at the top left corner of the screen. The Teletext page counter searches until the selected page number is located , and the desired page will be displayed.

2. The **P+** / **P-** button can be used to select the preceding or following page .

3. Fastext movement by the **4 coloured buttons** .

   -Four subject-heading pages can be selected quickly by pressing the corresponding coloured button **Red**, **Green**, **Yellow**, or **Blue** on the remote control handset.

Useful features for Teletext

⊞ INDEX

* Press this button to select the index page that displays the list of teletext contents .

⊞ HOLD

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

* Press **HOLD** button to stop the automatic page change.

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

* Press **HOLD** button again to continue.

⊞x UPDATE

In the Teletext mode, pressing **UPDATE** button will switch the screen to the TV mode while waiting for the next text page.

* Select required page number in Teletext mode.

* Press **UPDATE** button to switch to TV mode while waiting for the text page. A small blue box in which "---" shows appears on the upper left corner .

* When the required text page is found, the required page number appears in the blue box.

* Press **UPDATE** button again to revert to Teletext mode.

⊞? REVEAL

* Press this button once to display concealed information, such as solutions of riddles, puzzles, or a quiz.

* Press this button again to conceal the revealed answers.

⊞ EXPAND

Select double height text.

* Press this button to enlarge the top half of the page.

* Press this button again to enlarge the bottom half of the page.

* Press this button once more to return to the normal display.

⏰ SUB-PAGE / TIME

In Teletext mode , sub pages are subsections of long Teletext pages that can only be displayed on the screen one section at a time .

* Select the required teletext page. (e.g. 524)

* Press **SUB-PAGE** button. "S****"will be display on the upper left corner.

* Select the required sub page number by pressing four digit buttons (e.g. 0001).

   -If the selected sub page is not displayed in a short time , press **UPDATE** button . TV program will be displayed on the screen.

* Teletext page number will be displayed on the upper left corner of the screen when the selected page is found.

* Press **SUB-PAGE** button twice to return to normal page sequence.

In TV mode , press this button to display the time .

* While watching a TV program with Teletext transmission press **TIME** button. The current time information will be displayed on the upper right corner of the screen .

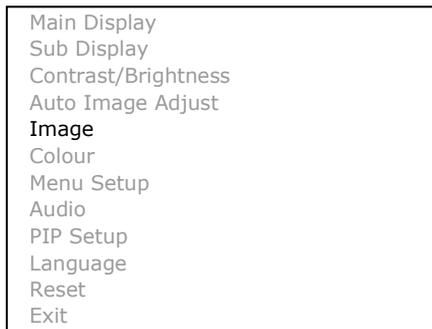* The time information will disappear after pressing **TIME** button again .

10.PC MODE ADJUSTMENT

Press the **PC** button to directly switch to PC mode. If PC input timing isn't the LCD TV's preset timing (refer to Ch.16), press Auto Image Adjust to optimize the image. If it still has Horizontal interference on screen, adjust Fine Tune to correct the phase.

IMAGE SETTINGS

1. Press the **MENU** button to display the main menu screen.

2. Press **UP/DOWN** button to move the cusor to Image.

3. Press the **MENU** button to enter Image adjust.

4. Press the **UP/DOWN** button to the desired item
   (H. /V. Position, H. Phase, Fine Tune).

5. Press the **MENU** button to set the desired item
   (H. /V. Position, H. Phase,Fine Tune).

6. Press the **MENU** button to return to the previous screen or press the
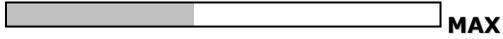   **EXIT** button to exit.

Main Menu Screen

```
Main Display
Sub Display
Contrast/Brightness
Auto Image Adjust
Image
Colour
Menu Setup
Audio
PIP Setup
Language
Reset
Exit
```

Image

H. /V. Position
H. Phase
Fine Tune
Exit

H./V. Position

H. Position
V. Position
Exit

H. Position
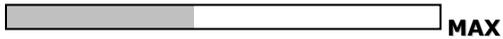
MAX

V. Position

MAX
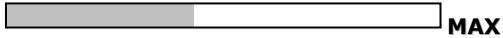
Image

H. /V. Position
H. Phase
Fine Tune
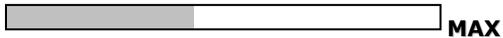Exit

H. Phase

MAX

Image

H. /V. Position
H. Phase
Fine Tune
Exit

Fine Tune

MAX

COLOUR SETTINGS

1. Press the **MENU** button to display the main menu screen.

2. Press the **UP**/**DOWN** button to move the cusor to Colour.

3. Press the **MENU** button to enter Colour.

4. Press the **UP**/**DOWN** button to the desired item (Cool, Neutral, Warm,or User Colour).

5. Press the **MENU** button to set the desired item (Cool, Neutral, Warm,or User Colour).

6. Press the **MENU** button to return to the previous screen or press the **EXIT** button to exit.

Main Menu Screen

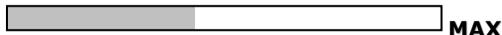Main Display
Sub Display
Contrast/Brightness
Auto Image Adjust
Image
Colour
Menu Setup
Audio
PIP Setup
Language
Reset
Exit

Colour

Cool
Neutral
Warm
User Colour
Exit

User Colour
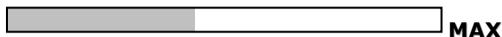
Red
Green
Blue
Exit

Red

MAX

Green

MAX

Blue

MAX

11. VIEWING PICTURE-IN -PICTURE (PIP)

PIP: When you select PC source as main display, you can also select another source TV, SCART, Video, S-Video, or Component (YPbPr/YCbCr) as sub-display.

You can use the PIP feature to watch two video sources simultaneously . (This function works in PC mode only.)

QUICK WAY TO ACTIVATE PIP

1. Press **PIP ON/OFF** Button on the remote control

2. Select a Signal Source for PIP:

   Press the **PIP SOURCE UP/DOWN** button repeatedly to cycle through all of the available signal sources :

   TV, SCART, Video, S-Video, Component (YPbPr/YCbCr).

3. Change the Position of the PIP Window:

   When you press the **PIP POSITION** button repeatedly, the PIP window moves from corner to corner on theTV screen.

4. Change the Size of the PIP Window:

   Press the **PIP SIZE** button to alternate between a smaller and Larger PIP window.

PIP SETUP MENU

Simply press the **ON/OFF** Button on the remote control or select sub display sources in the menu.

1. Press the **MENU** button to display the main menu screen.

2. Press the **UP/DOWN** button to select the PIP Setup.

3. Press the **MENU** button to enter PIP Setup.

4. Press the **UP/DOWN** button to the desired item (PIP Position, PIP Border Width, PIP Border Color, PIP H/V Ratio).

5. Press the **MENU** button to return to the previous screen or press the **EXIT** button to exit.

Main Menu Screen

Main Display
Sub Display
Contrast/Brightness
Auto Image Adjust
Image
Colour
Menu Setup
Audio
PIP Setup
Language
Reset
Exit

PIP Setup

PIP Position
PIP Border Width
PIP Border Colour
PIP H/V Ratio
Exit

PIP Position

PIP H Position
PIP V Position
Exit

PIP H Position

▬▬▬▬▬▭▭▭▭▭ **MAX**

PIP V Position

▬▬▬▬▬▭▭▭▭▭ **MAX**

PIP Setup

PIP Position
PIP Border Width
PIP Border Colour
PIP H/V Ratio
Exit

PIP Border Width

▬▬▬▬▬▭▭▭▭▭ **MAX**

PIP Setup

PIP Position
PIP Border Width
PIP Border Colour
PIP H/V Ratio
Exit

PIP Border Colour

White
Blue
Yellow
Green
Red
Black
Brown
Gray
Orange
Exit

PIP Setup

PIP Position
PIP Border Width
PIP Border Colour
PIP H/V Ratio
Exit

PIP H/V Ratio

▬▬▬▬▬▭▭▭▭▭ **MAX**

12.AV MODE ADJUSTMENT

The Video sources include SCART Video/SCART RGB, Video, S-Video, YCbCr/YPbPr. You can select by pressing **SCART**, **Video/S-V**, or **COMPONENT** button.

Altering the VIDEO Adjust Settings :

1. Press the **MENU** button to display the main menu screen.

2. Press the **UP**/**DOWN** button to move the cusor to the desired item.

3. Press the **MENU** button to enter and adjust it.

4. Press the **MENU** button to return to the previous screen or press the **EXIT** button to exit.

Main Menu Screen

```
Main Display
Contrast/Brightness
Colour/Sharpness
Menu Setup
Audio
Language
Reset
Exit
```

Note:
1. ALL the adjustment items in AV Menu are described in TV mode menu, so please refer to the TV mode Adjustment.

2. Using the PIP function with Component mode (YCbCr, YPbPr)as the sub-display requires that the PC resolution be set at no higher than 800 x 600.

13.OTHER FUNCTIONS

1. To use "**Channel up/down**" on the unit control panel as function buttons
   -When you press "**MENU**" to go enter menu, "**CH up/down**" will become the up/down function control buttons.

2. TO use "**VOL+ / -**" as level control buttons
   -When you press "**MENU**" to go into the sub control bar, then the level can be adjusted by the "**VOL+ / -**" buttons.

3. To use "**VOL + / -**" as Mute control buttons
   -When you press both "**VOL+**" and "**VOL-**" buttons on the upper control panel simultaneously, the sound will be muted.
   -If you need to switch on the sound again, then either press "**MUTE**" button on the remote control unit or press "**VOL+**" or "**VOL-**" button on the remote control unit or on the LCDTV itself.

4. "**Aspect**" button (Screen Aspect Ratio)

   ARC - Aspect Ratio Control

   * **Normal:** This sets the aspect ration to 4:3 for traditional TV programmes. There will be black bars at either side of the screen.
   * **Panscan:** Expands 4:3 video sources to fit the 16:9 screen by magnifying the image at the edges of the screen. This creates less distortion at the center of the screen.
   * **Zoom:** Some DVD movies may not fill the top and bottom of the screen. The zoom function extends the height to fill the screen.
   * **Full:** This mode expands the width of 4:3 video sources evenly to fill the 16:9 screen. There will be distortion at the center of the screen as well as the edges.

5. "**APC**"control button (Automatic Picture Control)

   - Press "**APC**" button on the remote control repeatedly to cycle through the APC settings. These settings are "Normal", "Clear"or "Dark". For example, when the screen is showing night scene or darker screen, you can use APC to change the screen to "Clear" and get a brighter picture. If the screen is too bright, you can use this APC button to change the screen to "Normal" or "Dark".

14.TROUBLESHOOTING

Many times, problems have simple causes. We would like to give you some tips to solve some common problems.

There is no picture or sound.

- Make sure the power cord is properly inserted in the power outlet.
- Make sure the main power switch of the main unit is on.

There is no picture from AV/TV.

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

There is no picture from PC.

- Make sure the LCD monitor is not in Power Saving mode.
- Press any desired key or move the mouse to deactivate Power Saving mode.

There is no sound.

- Make sure the volume is not set to minimum .
- Make sure the sound is not set to mute.
- Make sure that headphones are not connected.

There is no picture or sound, just noise.

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

Picture is not clear.

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

Picture is too light.

- Check colour adjustment.
- Check colour system setting.

The picture is too dark.

- Check if the **APC** button is set to "Dark".
- Check Contrast/Brightness adjustment.

Remote control does not work.

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

The picture is doubled or tripled.

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

The picture is spotted.

- There may be interference from automobiles,trains, high voltage lines, neon light, etc.
- There may be interference between the antenna cable and power cable.

There are stripes on the screen or colours fade.

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

15.DIMENSIONS

841

420

101.5

500.4

266.2

Goodmans

Kensington slot
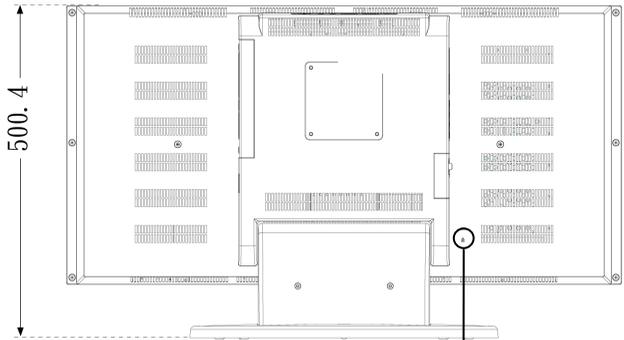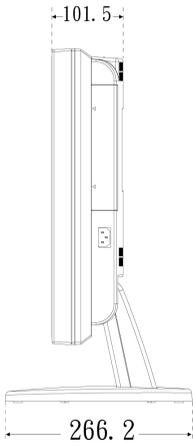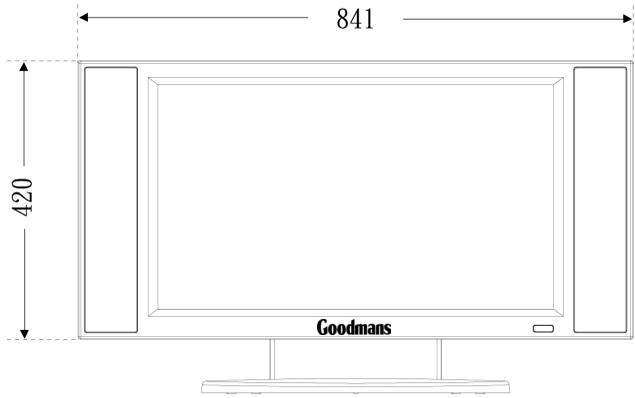
Unit : inch (mm)

16.PC INPUT PRESET TIMING TABLE

Analog Input				
Mode No.	**Mode Name Resolution**	**H.Freq.(KHZ) V.Freq.(HZ)**	**H. Polarity V. Polarity**	**Pixel CLK (MHZ)**
1	VGA 70HZ 640*350	31.469 70.087	+ −	25.175
2	VGA 60HZ 640*480	31.469 59.941	− −	25.175
3	VGA 72HZ 640*480	37.861 72.81	− −	31.5
4	VGA 75HZ 640*480	37.5 75.0	− −	31.5
5	SVGA 56HZ 800*600	35.16 56.25	+ +	36.0
6	SVGA 60HZ 800*600	37.879 60.317	+ +	40.0
7	SVGA 72HZ 800*600	48.077 72.188	+ +	50.0
8	SVGA 75HZ 800*600	46.875 75.0	+ +	49.5
9	XGA 60HZ 1024*768	48.363 60.004	− −	65.0
10	XGA 70HZ 1024*768	56.476 70.069	− −	75.0
11	XGA 75HZ 1024*768	60.023 75.029	+ +	78.75
12	MAC VGA 640*480	35.0 66.667	− −	30.24
13	MAC VGA 832*624	49.725 74.550	− −	57.283
14	US TEXT 720*400	31.469 70.087	− +	28.322
15	WXGA 60HZ 1280*768	47.733 60.042	− −	80

17.SPECIFICATIONS

ITEMS		SPECIFICATION
Display	Screen Size	27" TFT-LCD Panel
	Aspect Ratio	16 : 9
	Resolution	1280 x 720 (WXGA)
	Display colors	16,777,216 colors
	Contrast Ratio	500 : 1 (typical)
	Brightness	500 cd / m^2 (typical)
	Viewing Angle	170^o(Hor.) / 170° (Ver.)
	Response Time	Tr + Tf = 25 ms
	OSD Language	English, French, German, Spanish, Italian Finnish, Swedish.
TV Function	TV Standard (CCIR)	B/G , D/K , I and L/L' (Multi-Europe)
	Color system	PAL / SECAM
	Sound system	NICAM / A2 (IGR)
	Teletext	10 pages (FLOF/TOP)
Video I / O	Video Color System	PAL / SECAM / NTSC
	AV1 (In / Out)	21-pin Scart (RGB & Composite) x 1
	AV2 (In)	Video (Composite) x 1
		S-Video x 1
		YCbCr&YPbPr x 1 DTV : 625p
PC I / P	Signal I/P	Analog: D-Sub 15 pin (detachable cable)
	PnP compatibility	DDC / 2B
	I/P Frequency	Analog : f$_H$: 31KHz to 60KHz f$_V$: 56Hz to 75Hz
	Recommended	Analog : 1024 x 768 (60Hz)
	DTV ready (via D-Sub 15Pin)	DTV SYSTEM : 625P
Audio I / O	Audio I / O : L / R	Speaker (built-in) : 10W + 10W (rms)
		Headphone Mini-jack for stereo (3.5φ)
		PC audio in
		Audio In 1 /Out (R/L)
		Audio In 2
Other Functions	PIP under PC mode , Child lock , VESA Flat Panel Wall Mounting holes .	
Power	Power Supply	AC 110V~240V, 50/60Hz
	Power Consumption	< 140 W
Panel Tilt	Forwards / Backwards / Rotation	- 5° / + 15° / ± 180°
Dimension	W x H x D	841mm x 420mm x 101mm
	W x H x D (with stand)	841mm x 500mm x 266mm
Weight (net)	Kg (w/o Accessories)	14.5Kg
Accessories	User's Manual , Remote Control , Batteries , Power cord, D-sub Signal Cable,	