

# **Prestigio P170DVD-X P200DVD-X** User's Manual

## ENG Safety Instructions

Before using this product, please read the security instructions first and bear them in mind when using the product.

### **Warning**

TO PREVENT FIRE OR SHOCK HAZARD. DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

### **CAUTION**

RISK OF ELECTRIC SHOCK DO NOT OPEN. NO USER-SERVICEABLE PARTS INSIDE.

**CAUTION:** TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



THIS SYMBOL IS INTENDED TO ALERT THE USER TO THE PRESENCE OF UNINSULATED DANGEROUS VOLTAGE. WITHIN THE PRODUCTS ENCLOSURE THAT MAY BE OF SUFFICIENT MAGNITUDE TO CONSTITUTE A RISK OF ELECTRIC SHOCK TO PERSONS.



THIS SYMBOL IS INTENDED TO ALERT THE USER TO THE PRESENCE OF IMPORTANT OPERATING AND MAINTENANCE (SERVICING) INSTRUCTIONS IN THE LITERATURE ACCOMPANYING THE APPLIANCE.

### **Disposal of Old Electrical & Electronic Equipment (Applicable in the European Union and other European countries with separate collection systems)**

This symbol on the product or on its packaging indicates that this product shall not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. The recycling of materials will help to conserve natural resources. For more detailed information about recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

## Important Safety Instructions

This equipment has been designed and manufactured to meet international 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. So, please read the points below for your own safety. They are of a general nature, intended to help you with all your electronic consumer products and some points may not apply to the goods you have just purchased.

- Read these instructions.
- Keep these instructions.
- Heed all warnings.
- Follow all instructions.
- Do not use this apparatus near water.
- Clean only with a dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- This TV is not completely disconnected from a power supply line, as minute current is consumed even when the POWER switch is turned off (Depend on the model).
- Do not place hot objects or naked flame sources, such as lighted candles or highlights on, or close to the TV. High temperatures can melt plastic and lead to fires.
- Do not set on top of the TV any object or container that might spill liquids or small objects into the TV.
- Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where it exits the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

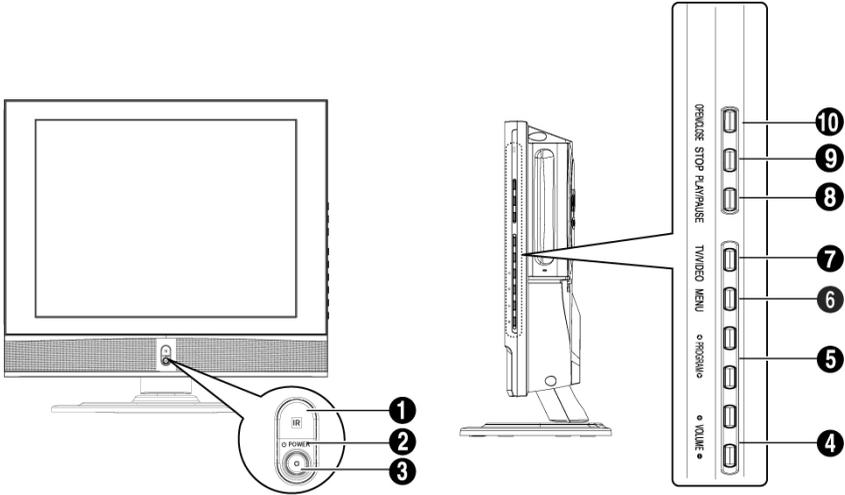
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- The apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.

**CAUTION:** Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.

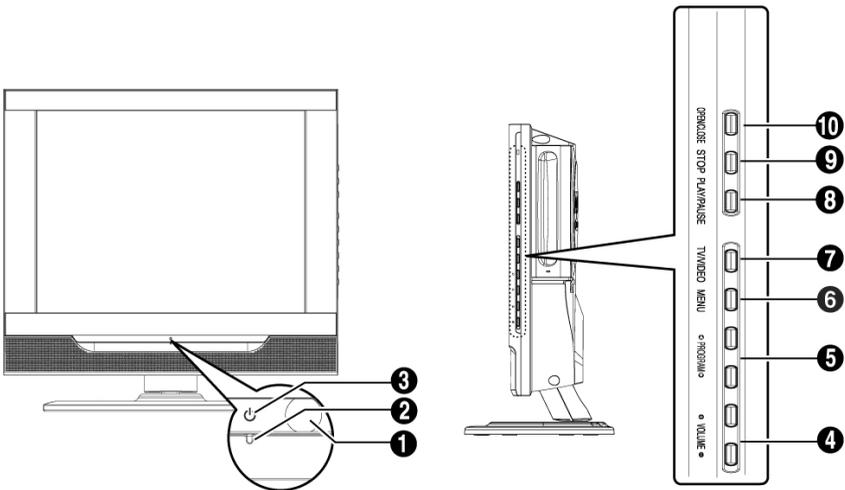
# Overview

## Front View

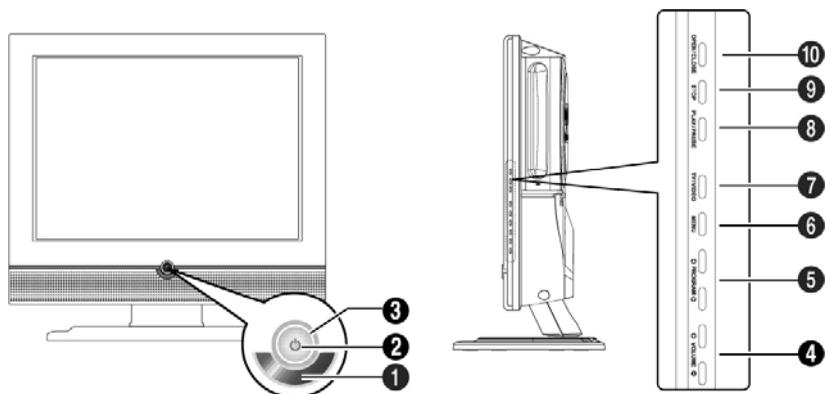
### LM



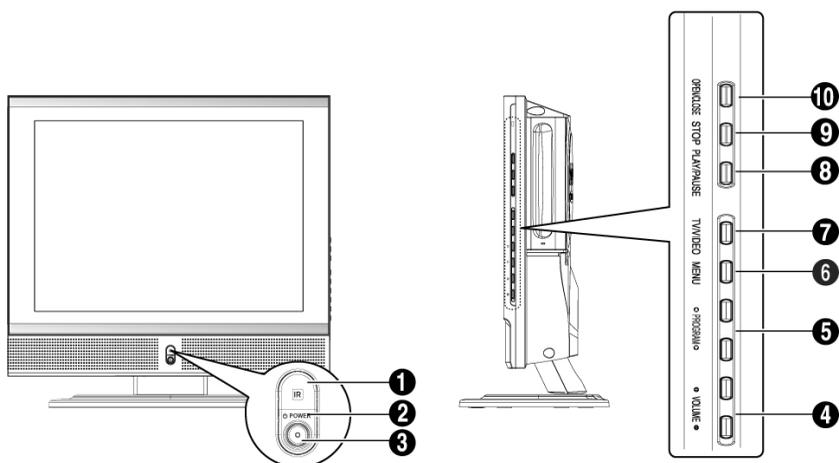
### LQ



LT



LU

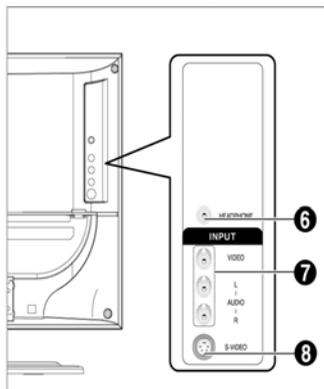
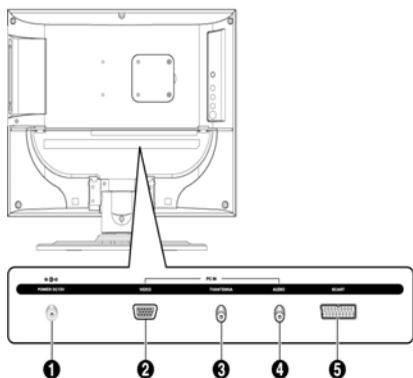


1. Remote Control Sensor
2. POWER: Turns the TV on and off.
3. LED Lights
4. VOLUME: Increases or decreases the volume. This is also used to select the "MOVE/ADJUST/PREV" item on the on-screen menu.
5. PROGRAM: Changes channels or "MOVE/ADJUST/PREV" to items on the on-screen menu.
6. MENU: To access or close menus, simultaneously.
7. TV/VIDEO: Selects an external device connected to the TV.

**<DVD> - Depend on the model**

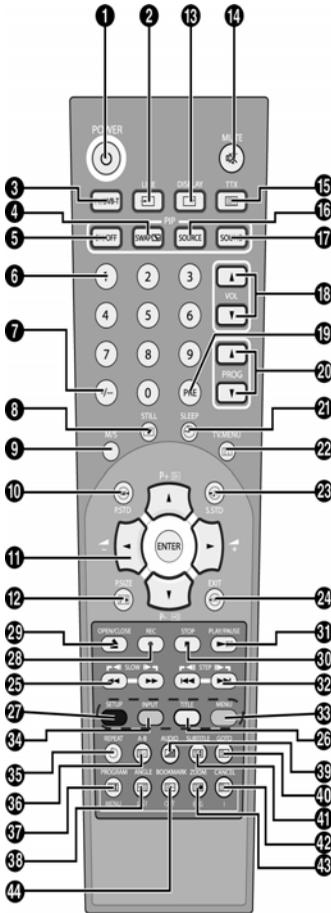
8. PLAY/PAUSE: Play the DVD or temporarily stop playback.
9. STOP: Stop the DVD playback.
10. OPEN/CLOSE: OPEN/CLOSE the DVD.

## Rear Panel Jacks



1. POWER INPUT CONNECTOR
2. PC VIDEO(D-SUB) INPUT JACK
3. TV ANTENNA INPUT JACK
4. PC AUDIO INPUT JACK
5. SCART JACK
6. HEADPHONE JACK: Used for headphones that can be purchased additionally.
7. LINE (VIDEO/AUDIO) INPUT JACKS
8. S-VIDEO INPUT JACK

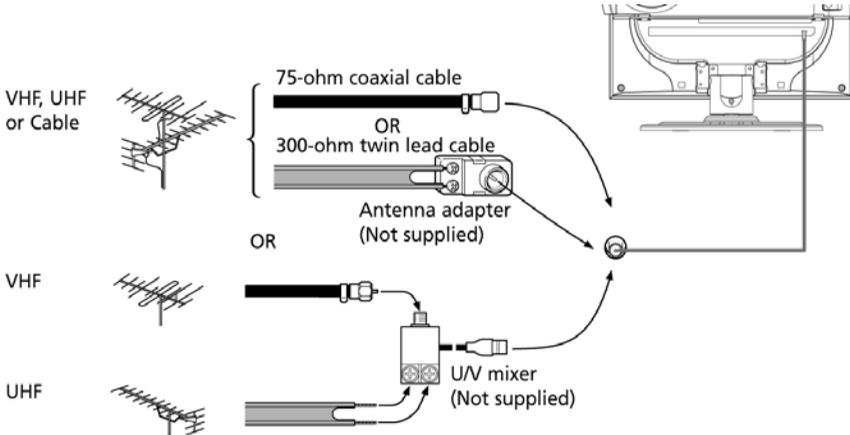
## Remote Control



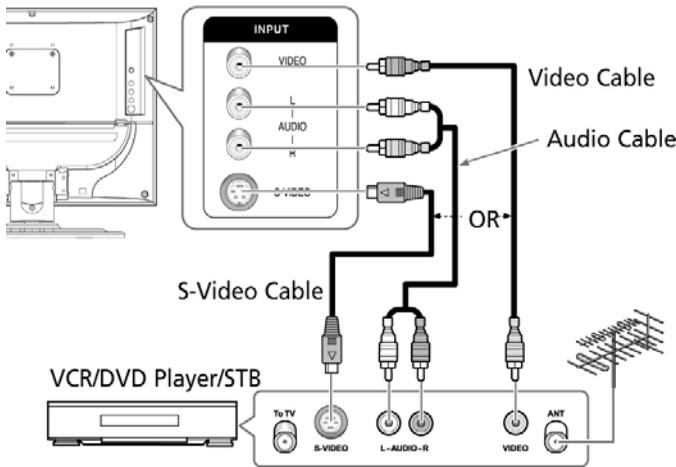
1. POWER: Turns the TV on and off.
  2. LINE: External input selection. (DVD > RGB > Video1 > Video2 > S-Video > PC)
  3. TV: Switches to TV mode.
  4. SWAP(option): Exchanges the video signal source of the main screen and the PIP window.
  5. ON/OFF(option): Turns PIP on or off.
  6. NUMBER BUTTONS: Selects channels directly on the TV.
  7. -/=: Selects channels over 10. For example, to select channel 21, press "-/=" then press "2", "1".
  8. STILL(option): Freezes a moving picture on the screen.
  9. M/S: Sound mode selection.
  10. P.STD: Configures various video settings.
  11. ARROW/ENTER: Select an item of menu/ Change confirmation/ VOL. +/- / PROG up,down control.
  12. P.SIZE: Changes the screen size.
  13. DISPLAY: Displays the current channel and the audiovideo settings.
  14. MUTE: Temporarily mute the sound.
  15. TTX: Switches to Teletext mode.
  16. SOURCE(option): Selects the signal source for the PIP window.
  17. SOUND(option): Changes the audio signal source between the main screen and the PIP window.
  18. VOL: Increases or decreases the volume.
  19. PRE: Moves to the previous channel.
  20. PROG: Changes channels.
  21. SLEEP: Selects a preset time interval for automatic shutoff.
  22. TV.MENU: Displays the OSD menu.
  23. S.STD: Configures various audio settings.
  24. EXIT: Exit the current configuration.
- <DVD> - Depend on the model**
25. SLOW: For fast and slow playback.
  26. TITLE: For selecting a title on the disc.
  27. SETUP: For initial DVD player settings.
  28. REC: DVD R/W (option)
  29. OPEN/CLOSE: OPEN/CLOSE the DVD tray.
  30. STOP: Stop the DVD playback.
  31. PLAY/PAUSE: Play the DVD or temporarily stop playback.
  32. STEP: For playing one frame at a time.
  33. MENU: For displaying the menu contained in the disc.
- <DVD & TTX> - Depend on the model**
34. INPUT: DVD R/W (option)
  35. TIME/REPEAT: To display time / For specifying and repeating playback of a segment.
  36. INDEX/A-B: Programme selection by name/For repeated playback of disc titles, chapters or sound.
  37. HOLD/PROGRAM: Teletext page/For playback in a specified order.
  38. RE PAGE/ANGLE: Teletext previous page/For viewing scenes from different.
  39. MIX/AUDIO: Video & TTX MIX/ For selecting the audio language.
  40. REVEAL/GOTO: Teletext reveal/For jumping to a specified location.
  41. SIZE/SUBTITLE: Teletext size selection/For selecting the SUBTITLE language.
  42. CANCEL/CANCEL: To exit from the teletext display/ To erase a program content.
  43. SUB PAGE/ZOOM: Teletext SUB-PAGE/For magnifying the screen.
  44. NEXT PAGE/BOOK MARK: Teletext NEXTPAGE/ To SAVE a specific frame for later viewing

## Connecting Your TV

### Connecting an Antenna or Cable without a Decoder box



### Connecting the Video or S-Video/Audio Jacks



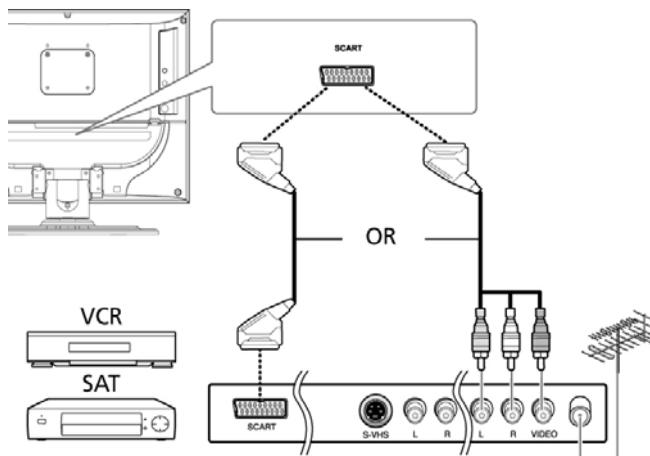
#### Connection Procedures

1. Connect the antenna cable to the ANTENNA IN terminal on the back of your VCR.
2. Connect the VIDEO/AUDIO INPUT jacks of the TV and the video/audio output jacks of your VCR with the video/audio cables. (Connect the cable to the terminal of the same color)
  - You can use the S-Video cable to connect a VCR or a DVD player for better video quality.
  - If your VCR does not support stereo sound, connect the mono audio out jack to the AUDIO INPUT (left) jack.

#### Procedures for watching a video over a VCR

- Turn the TV on, and select 'VIDEO 2' using the LINE button on the remote control.
- If you have connected a S-Video cable, select 'S-Video'.

## Connecting the Scart Jack



### Connection Procedures

1. AV1 is used for the equipment with an RGB output, such as video game devices or video disc players. This end can be fitted with:
  - A SCART connector
  - Three RCA connectors (VIDEO+AUDIO\_L+AUDIO\_R)

### Procedures for watching a Video over a VCR

1. Turn the TV on, and select 'VIDEO1' using the LINE button on the remote control.

**NOTE:** When the RGB colors look abnormal on screen, check the SCART cable if it's properly connected.

## TV Function

### Check Before Using

Please check the following check list before using the TV.

1. Is the antenna cable connected properly?
2. Is the AC adapter connected properly?
  - When you connect the adapter to the unit, turn the power switch on the front panel to "off", and then connect the adapter cable.
  - When not using the adapter for a long time period, separate the AC adapter from both the main body and the power outlet on the wall.
3. Are the remote control batteries installed properly?
  - Install two AAA size batteries according to the correct polarity.
  - The remote control works up to about 7~10m from the TV, 3m to the left or right of the TV, and to within 30 degrees from the remote control sensor of the TV.
4. Have the receive channels been configured?
5. Are the cables connected to any external devices connected properly?

## Watching TV

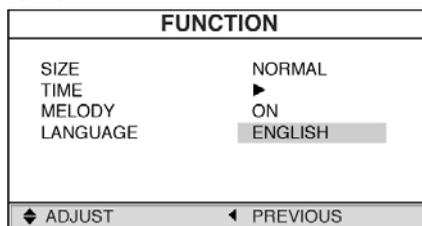
### Turning the TV On and OFF

Press the POWER button on the remote control (or on the front panel of the unit.)

You can also switch on by pressing the PROG  $\wedge$  /  $\vee$  buttons.

- When you turn the power ON, the screen appears and the POWER/STANDBY light is turned off.
- When you turn the power OFF, the screen goes blank, and the POWER/STANDBY light turns red.

### Selecting the Menu Language



1. Press the TV.MENU button. The OSD MENU will be displayed.
2. Select FUNCTION using the  $\wedge$  /  $\vee$  button and then press the > button.
3. LANGUAGE using the  $\wedge$  /  $\vee$  button and then press the > button.
4. Select the desired menu language using the  $\wedge$  /  $\vee$  button.
5. Press the EXIT button to exit the menu.

### Viewing the Status Information

Press the DISPLAY button on the remote control. The TV will display the input source, the picture mode, the sound mode, the STEREO mode, the sleep time and the current time.

### Adjusting the Volume

Adjust the volume using the VOL  $\wedge$  /  $\vee$  button.

### Muting the Sound

Press the MUTE button. You can conveniently use the MUTE button when a telephone or a door bell rings. To cancel, press the MUTE button again.

## Viewing a Video or DVD

Press the LINE button. For connection and setup procedures, refer to the corresponding chapter of this manual.

## Storing Channels Automatically

Auto program	
COUNTRY	SWEDEN
SEARCH	
⏪ ADJUST      ⏩ PREVIOUS	

1. Press the TV.MENU button. The OSD MENU will be displayed.
2. Select Setup using the  $\wedge/\vee$  button and then press the > button.
3. Select Auto Program using the  $\wedge/\vee$  button and then press the > button.
4. Select Country using the  $\wedge/\vee$  button and then press the > button.
5. Select your country using the  $\wedge/\vee$  button and then press the > button.
6. Select Search using the  $\wedge/\vee$  button and then press the > button.

## Manual Storing of Channels

MANUAL PROGRAM	
SYSTEM	AUTO
FINE TUNE	0
PROGRAM No.	1
NAME	----
STORE	--
SEARCH	
⏪ ADJUST      ⏩ PREVIOUS	

When storing channels manually, you can choose:

- Whether or not to store each of the channels found.
- The programme number by which you wish to identify each stored channel.

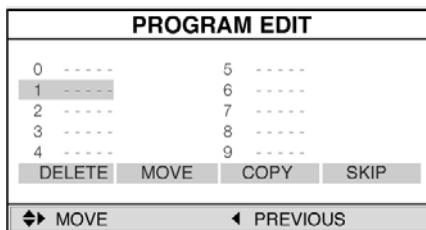
1. Press the TV.MENU button. The OSD MENU will be displayed.
2. Select Setup using the  $\wedge/\vee$  button and then press the > button.
3. Select Manual program using the  $\wedge/\vee$  button and then press the > button.
4. Select System using the  $\wedge/\vee$  button and then press the > button. Auto > LP > L > I > DK > BG > Auto
5. Select Program no. using the  $\wedge/\vee$  button and then press the > button. And press the  $\wedge/\vee$  button to select the required channel number.
6. Select Search using the  $\wedge/\vee$  button and then press the > button. The tune scans the frequency range until the first channel on the channel that you selected is received on your screen.
7. Select Store using the  $\wedge/\vee$  button and then press the > button. And press the  $\wedge/\vee$  button to select the OK.
8. Repeat Step 5 to 7 for each channel to be stored.

## ENG Channel Name

MANUAL PROGRAM	
SYSTEM	AUTO
FINE TUNE	0
PROGRAM No.	1
NAME	█-----
STORE	--
SEARCH	
◆ ADJUST	◀ PREVIOUS

1. Press the TV.MENU button. The OSD MENU will be displayed.
2. Select Setup using the  $\wedge/\vee$  button and then press the > button.
3. Select Manual program using the  $\wedge/\vee$  button and then press the > button.
4. Select Name using the  $\wedge/\vee$  button and then press the > button. And press the  $\wedge/\vee$  </> buttons to edit the name.  
 $\wedge/\vee$ : Select the characters (A~Z, 0~9, -, +).  
</>: move on the previous or next letter.
5. Select Store using the  $\wedge/\vee$  button and then press the > button. And press the  $\wedge/\vee$  button to select the OK.
6. Press the EXIT button to exit the menu.

## Program Edit



This function enables you to delete, copy, move or skip the stored programs.

1. Select the channel to tune using the numeric or channel buttons.
2. Press the TV.MENU button. The OSD MENU will be displayed.
3. Select SETUP using the  $\wedge / \vee$  button and then press the > button.
4. Select PROGRAM EDIT using the  $\wedge / \vee$  button and then press the > button.

### Delete a Program

1. Select a program to be deleted with the  $\wedge / \vee$  </> buttons.
  2. Press the RED button. The selected program is deleted.
- All the following programs are shifted up one position.

### Copy a Program

1. Select a program to be copied with the  $\wedge / \vee$  </> buttons.
  2. Press the YELLOW button.
- All the following programs are shifted down one position.

### Moving a Program

1. Select a program to be moved with the  $\wedge / \vee$  </> buttons.
2. Press the GREEN button.
3. Move the program to the desired program number with the  $\wedge / \vee$  </> buttons.
4. Press the GREEN button again to release this function.

### Skipping a Program Number

1. Select a program to be skipped with the  $\wedge / \vee$  </> buttons.
2. Press the BLUE button. The skipped program turns to Magenta.
3. Press the BLUE button again to release this function.

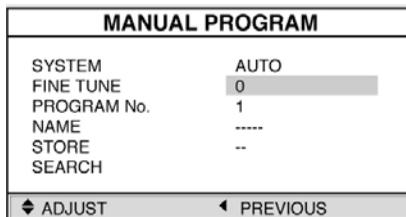
When a program number is skipped it means that you will be unable to select it using the  $\wedge / \vee$  button during normal TV viewing. If you want to select the skipped program, directly enter program number with the number buttons or select it in the program edit or table menu.

### Changing Channel

1. Using the CHANNEL buttons. Press the PROG  $\wedge / \vee$  buttons to change channels. You will see all the channels that the TV has memorized. (The TV must have memorized at least three channels.)
2. Using the NUMBER buttons
  - To change to single-digit channels (0~9) faster, press "0" before the single digit. Example: For channel 4, press "0", then "4".
  - To select a channel over 10, press the -/-- button first. Example: For channel 42, press "-/--", then "4", then "2".
3. Using the Previous Channel. Press the PRE button on the remote control. The TV changed to the last channels to the last channel you were watching.

## When the Picture Quality is Poor or Unstable

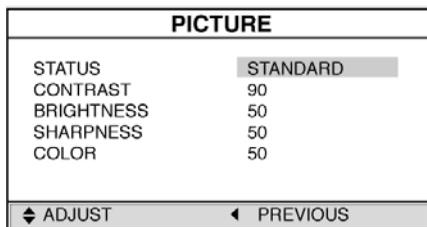
Use fine tuning to adjust a particular channel for better picture quality when noise interferes, color quality is poor, or the screen is unstable.



1. Select the channel to tune using the numeric or channel buttons.
2. Press the TV.MENU button. The OSD MENU will be displayed.
3. Select SETUP using the  $\wedge / \vee$  button and then press the > button.
4. Select MANUAL PROGRAM using the  $\wedge / \vee$  button and then press the > button.
5. Select FINE TUNE using the  $\wedge / \vee$  button and then press the > button.
6. Press the  $\wedge / \vee$  button to fine tune and then press the > button. If you are unable to fine-tune a channel, check that the SYSTEM settings are correct.
7. Select STORE using the  $\wedge / \vee$  button and then press the > button. And press the  $\wedge / \vee$  button to select OK.
8. Press the EXIT button to exit the menu.

## Selecting the Picture Status

You can select a video mode from among USER, STANDARD, DYNAMIC, or MILD mode according to your personal preference.



**QUICK!** Press the P.STD button. Whenever you press this button, PICTURE STATUS changes to STANDARD > DYNAMIC > MILD > USER mode, in this order.

1. Press the TV.MENU button. The OSD MENU will be displayed.
2. Select PICTURE using the  $\wedge / \vee$  button and then press the > button.
3. Select the desired PICTURE STATUS using the  $\wedge / \vee$  button. Whenever you press this button, PICTURE STATUS changes to STANDARD > DYNAMIC > MILD > USER mode, in this order.
4. When you have finished, press the EXIT button to exit the menu.

### Picture Status

- STANDARD: Select this mode when the surrounding illumination is bright.
- DYNAMIC: Select this mode to increase picture clarity and sharpness.
- MILD: Select this mode when viewing the TV when the light is low.
- USER: Select this mode if you want to adjust the settings according to your personal preferences.

## Adjusting the Picture Settings

PICTURE	
STATUS	STANDARD
CONTRAST	90
BRIGHTNESS	50
SHARPNESS	50
COLOR	50
<div style="display: flex; justify-content: space-between;"> <span>➡ MOVE</span> <span>◀ PREVIOUS</span> </div>	

1. Press the TV.MENU button. The OSD MENU will be displayed.
2. Select PICTURE using the  $\wedge / \vee$  button and then press the > button.
3. Select the desired item to adjust using the  $\wedge / \vee$  button and then press the > button.
4. Select the desired status using the </> button. In addition, PICTURE STATUS is automatically changed to USER mode.
5. Press the EXIT button to exit the menu.

### Picture

- CONTRAST: Determines the difference in brightness between an object and the background.
- BRIGHTNESS: Determines the brightness of the screen.
- SHARPNESS: Determines the sharpness of an object image.
- COLOR: Determines the color density.

## Selecting the Sound Status

You can select a sound mode from among STANDARD, MUSIC, SPEECH or USER mode according to your personal preference.

**QUICK!** Press the S.STD button. Whenever you press this button, SOUND STATUS changes to STANDARD > MUSIC > SPEECH > USER mode, in this order.

### Sound Status

- STANDARD: Select this to listen to sound normally.
- MUSIC: Select this to listen to the original sound.
- SPEECH: Select this to listen to clear voice sound.
- USER: Select this if you want to adjust the settings according to your personal preferences.

## Adjusting the Balance

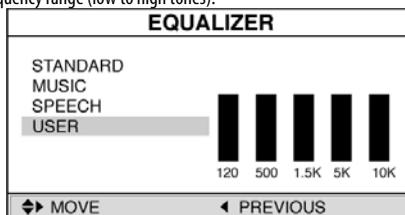
Determines the volume ratio between the left and right speakers.

SOUND	
EQUALIZER	▶
STEREO	AUTO
DUAL	MONO
BALANCE	L50 R50
AVL	ON
<div style="display: flex; justify-content: space-between;"> <span>➡ MOVE</span> <span>◀ PREVIOUS</span> </div>	

1. Press the TV.MENU button. The OSD MENU will be displayed.
2. Select SOUND using the  $\wedge / \vee$  button and then press the > button.
3. Select BALANCE using the  $\wedge / \vee$  button and then press the > button.
4. Select the desired status using the </> button. During the adjustment, an additional adjustment window will be displayed. Also, the Sound Status is automatically changed to User mode.
5. Press the EXIT button to exit the menu.

## ENG Adjusting the Equalizer

Determines the volume of the frequency range (low to high tones).



1. Press the TV.MENU button. The OSD MENU will be displayed.
2. Select SOUND using the  $\wedge / \vee$  button and then press the > button.
3. Move to the EQUALIZER item using the  $\wedge / \vee$  button and then press the > button.
4. Move to the User using the  $\wedge / \vee$  button and then press the > button.
5. Move to the desired frequency using the > button. 120(Low Tone) > 1.5K(Mid Tone) > 10K(High Tone).
6. Select the desired status using the  $\wedge / \vee$  button.

## Choosing a Soundtrack

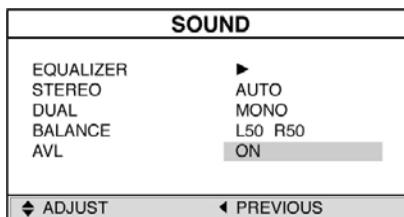
**Quick!** Pressing the M/S button. Whenever you press this button, the mode changes to STEREO/MONO mode, in this order.

- If the receiving conditions deteriorate, listening will be easier if the mode is set to the MONO position using the M/S button.
- If the stereo signal is weak (or if intermittent Stereo-Mono) and automatic switching occurs, then switch to the MONO mode.
- When receiving mono sound in the AV mode, connect to the 'L' input jack on the panels.
- If the mono sound comes out only from the left speaker, then press the M/S button.

	Type of broadcast	On-Screen
NICAM STEREO	Standard broadcast	MONO
	Regular+NICAM MONO	MONO
	NICAM STEREO	NICAM STEREO<-> MONO
	NICAM DUAL	NICAM MAIN -> NICAM SUB
A2 STEREO	Standard broadcast	MONO
	Bilingual or DUAL	MAIN <-> SUB
	STEREO	STEREO <-> MONO

**CAUTION:** If stereo mode is set to mono, the output is mono even though the broadcast is in stereo.

## Selecting the AVL Mode



If you switch AVL to on, the set automatically keeps on an equal volume level.

1. Press the TV.MENU button. The OSD MENU will be displayed.
2. Select SOUND using the  $\wedge / \vee$  button and then press the > button.
3. Select AVL using the  $\wedge / \vee$  button and then press the > button.
4. Select the desired status using the  $\wedge / \vee$  button.
5. Press the EXIT button to exit the menu.

## Changing the Screen Size

### •17

You can select a desired screen size for each video.

Press the P.SIZE button.

Whenever you press the P.SIZE button, the screen size changes to WIDE >NORMAL > ZOOM, in this order.



#### Screen Size Menu

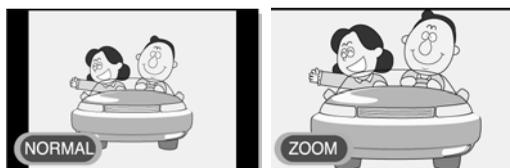
- WIDE: Set the picture to 16:9 wide mode (default).
- NORMAL: Sets the picture to 4:3 normal mode. This is a standard TV screen size.
- ZOOM: Magnifies the size of the picture in a vertical direction.

### •20

You can select a desired screen size for each video.

Press the P.SIZE button.

Whenever you press the P.SIZE button, the screen size changes to NORMAL > ZOOM, in this order.



#### Screen Size Menu

- Normal: Sets the picture to 4:3 normal mode. This is a standard TV screen size.
- Zoom: Magnifies the picture size in a vertical direction.

## ENG Setting the Clock

TIME	
CLOCK	AM12:00
TIMER	OFF
ON TIME	AM12:00
OFF TIME	AM12:00
PROGRAM No.	1
◆ ADJUST	◀ PREVIOUS

1. Press the TV.MENU button. The OSD MENU will be displayed.
2. Select FUNCTION using the  $\wedge$  /  $\vee$  button and then press the > button.
3. Select TIME using the  $\wedge$  /  $\vee$  button and then press the > button.
4. Move to the Hour using the > button and then set the Hour to the correct time using the  $\wedge$  /  $\vee$  button.
5. Move to the Minute using the > button and then set the Minutes to the correct time using the  $\wedge$  /  $\vee$  button.
6. Press the EXIT button to exit the menu.

## Setting the On/Off Timer

You can set the On/Off Timer to automatically turn the TV on and off at a desired time. The current time has to be configured first to set the On/Off Timer.

TIME	
CLOCK	AM12:00
TIMER	ON
ON TIME	AM06:10
OFF TIME	AM12:00
PROGRAM No.	1
◆ ADJUST	◀ PREVIOUS

- 1-3. STEP1~STEP3 is the same as that of Setting the clock.
4. Select TIMER using the  $\wedge$  /  $\vee$  button and then press the > button. Select ON using the  $\wedge$  /  $\vee$  button.  
- The ON/OFF TIMER works only when the timer is configured to ON.

### Example: Turning On At 6:10 AM

5. Move to ON TIME using the  $\wedge$  /  $\vee$  button.
  6. Move to the Hours using the > button and then set the Hour to AM 6 using the  $\wedge$  /  $\vee$  button.
  7. Move to the Minute using the > button and then set the Minutes to 10 using the  $\wedge$  /  $\vee$  button.
  8. Press the > button to finish the ON TIME configuration.
  9. Press the EXIT button to exit the menu.
- For Off timer setting, select OFF TIME instead of ON TIME.

## Selecting the ON Timer Channel

You can configure the channel and volume to play when the TV is turned on by the Timer.

TIME	
CLOCK	AM12:00
TIMER	OFF
ON TIME	AM12:00
OFF TIME	AM12:00
PROGRAM No.	1
◆ ADJUST	◀ PREVIOUS

- 1-3. STEP1~STEP3 is the same as that of Setting the clock.
4. Select PROGRAM NO. using the  $\wedge$ / $\vee$  button and then press the > button.
5. Select the desired channel to watch when the TV is turned on using the  $\wedge$ / $\vee$  button.
6. Press the EXIT button to exit the menu.

## Setting the Sleep Timer

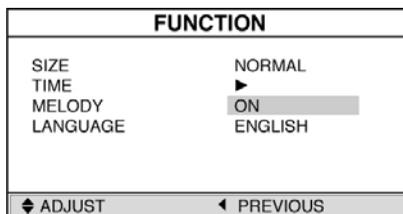
You can shut off the TV after a desired period of time.

**Quick!** Press the SLEEP button.

Whenever you press this button, the mode is changed to SLEEP OFF > SLEEP 10 > SLEEP 30 > SLEEP 60 > SLEEP 90 > SLEEP 120 > SLEEP 150 > SLEEP 180 > SLEEP OFF, in this order.

## Melody Function

If the MELODY function is turned on, a melody plays whenever the TV is turned on or off.



1. Press the TV.MENU button. The OSD MENU will be displayed.
2. Select FUNCTION using the  $\wedge$ / $\vee$  button and then press the > button.
3. Select MELODY using the  $\wedge$ / $\vee$  button and then press the > button.
4. Select ON using the  $\wedge$ / $\vee$  button. Whenever you press this button, the Melody function is either on or off.
5. Press the EXIT button to exit the menu.

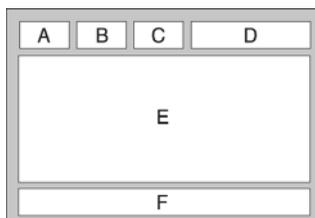
## ENG TTX Function

### Teletext

Most television channels provide written information services via teletext. Information provided includes:

- Television programme times
- News bulletins and weather forecasts
- Sports results
- Travel information initialized with the factory defaults.

This information is divided into numbered pages (see diagram).



Part	Contents
A	Selected page number.
B	Broadcasting channel identity.
C	Current page number or search indications.
D	Date and time.
E	Text.
F	Status information.

### Displaying the Teletext Information

You can display Teletext information at any time on your television.

For Teletext information to be displayed correctly, channel reception must be stable; otherwise:

- Information may be missing
- Some pages may not be displayed

1. Select the channel providing the Teletext service using the PREPAGE or NEXTPAGE button.
2. Press the TTX button to activate the teletext mode.  
Result: The contents page is displayed. It can be redisplayed at any time by pressing the INDEX button.
3. If you wish to display the actual broadcast at the same time as the teletext page, press the MIX button again.
4. Press the CANCEL button to exit from the teletext display.

### Selecting a Page by Number

You can enter the page number directly by pressing the numeric buttons on the remote control.

1. Enter the three-digit page number given in the content by pressing the corresponding numeric buttons.

Result: The current page counter is incremented and the page is then displayed.

2. If the selected page is linked with several secondary pages, the secondary pages are displayed in sequence. To freeze the display on a given page, press the HOLD. Press the HOLD again to resume.

Using the various display options:

To display...	Press the...
Both teletext information and the normal broadcast twice	TTX/MIX
Hidden text (answers to quiz games, for example)	REVEAL
The normal screen	REVEAL again
A secondary page, by entering its 4-digit number	SUBPAGE
The next page	NEXTPAGE
The previous page	PREPAGE
Double-size letters in the:	SIZE
• Upper half of the screen	• Once
• Lower half of the screen	• Twice
Normal screen	• Two times

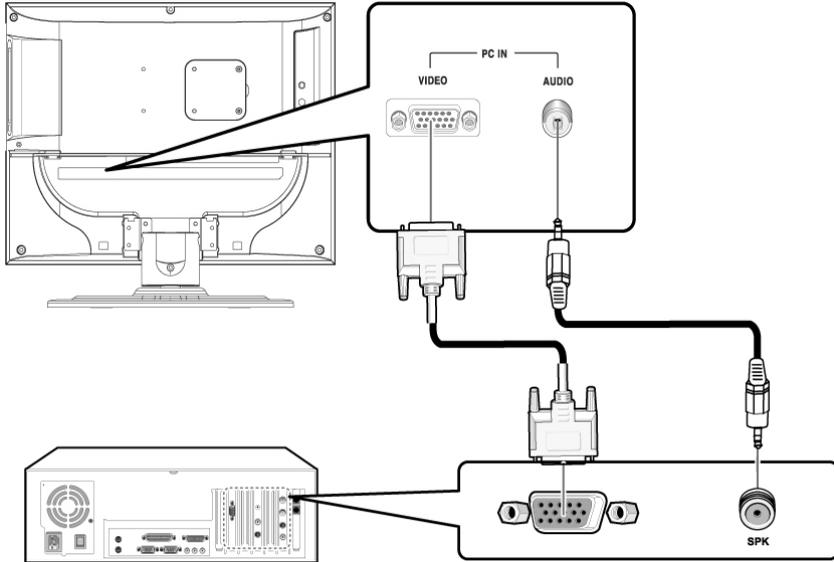
## Using FLOF to Select a Page

The various topics included in the teletext pages are color-coded, and can be selected by pressing the colored buttons on the remote control.

1. Display the teletext contents page by pressing the MIX button.
2. Press the coloured button corresponding to the topic that you wish to select; the available topics are given on the status line.  
Result: The page is displayed with other coloured information that can be selected in the same way.
3. To display the previous or next page, press the corresponding coloured button.
4. To display the subpage, see the following steps.
  - Press the SUBPAGE button. Result: The available subpages appear.
  - Select the required sub-page. Sub-pages can be scrolled by using the PREPAGE or NEXTPAGE button.

## PC Function

### Connecting to a PC



#### Connection Procedures

1. Connect the PC D-SUB INPUT jack of the TV and the monitor output jack of the PC using the D-Sub cable.
2. Connect the PC AUDIO jack of the TV and the audio output jack of the PC with the audio cable. (This can only be applied when the PC actually has an audio output jack.)

#### Procedures for viewing the PC screen through the TV

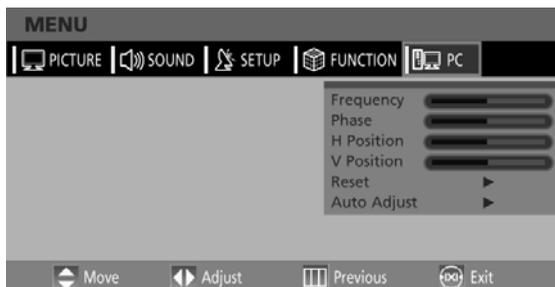
1. Turn the PC on and check that the PC settings are correct.
  - If the PC settings are incorrect, the screen may display a duplicated or distorted picture.
  - For PC configuration procedures, refer to the corresponding chapter of this manual.
2. Press the LINE button and select PC INPUT mode.
3. Adjust the PC screen. (For adjustment procedures, refer to the corresponding chapter of this manual.)

#### VESA Standard Mode

Resolution	640x480	640x480	640x480	800x600	800x600	800x600	1024x768	1024x768
Vertical Frequency	60.0Hz	72.0Hz	75.0Hz	60.0Hz	72.0Hz	75.0Hz	60.0Hz	70.1Hz

## Adjusting the PC

1. Press the TV.MENU button. The OSD MENU will be displayed.
2. Select PC using the  $\wedge/\vee$  button and then press the > button.
3. PC Adjust using the  $\wedge/\vee$  button and then press the > button



### Adjusting the Horizontal Position

4. Select H POSITION using the  $\wedge/\vee$  button and adjust the horizontal position using the > button.

### Adjusting the Vertical Position

4. Select V POSITION using the  $\wedge/\vee$  button and adjust the vertical position using the > button.

### Initializing Settings (RESET)

4. Select RESET using the  $\wedge/\vee$  buttons and then select using the > button. This returns you to the factory default screen.
5. Press the EXIT button to exit the menu.

### Auto Adjust

You can adjust the frequency and the phase of the PC screen automatically.

4. Select AUTO ADJUST using the  $\wedge/\vee$  button and then select using the > button. The PC screen is adjusted automatically.

### Frequency

If vertical lines appear on the PC screen, adjust the clock.

4. Select FREQUENCY using the  $\wedge/\vee$  button and adjust the frequency using the > button.

### Phase

The phase controls the image fine on the screen.

4. Select PHASE using the  $\wedge/\vee$  button and adjust the phase using the > button.

## DVD Function (Depend on the model)

### Playing DVD's

Turn on the power of the TV and external audio system. Ensure that the local code of the TV set is matched to that of the disc. (If not matched, your disc cannot be played.)

1. Press the LINE button.
2. Insert the DVD. Ensure that the labeled surface is at the front when placing it.
3. DVD Playback. Your DVD will be automatically played depending on the current program mode.
  - To STOP PLAYBACK, press the STOP button.
  - To temporarily STOP PLAYBACK, press the PLAY/PAUSE button.
  - To resume PLAYBACK, press the PLAY/PAUSE button once again.

### Displaying the Playback Status

Select the language on discs that contain more than one language by following the instructions below.

1. Press the DISPLAY button

#### For DVD Playback

- The ROOT MENU, TITLE REMAIN, CHAPTER ELAPSED, CHAPTER REMAIN is shown.
- Pressing the button again shows the TITLE REMAIN for the chapter.
- Pressing the button again shows the CHAPTER ELAPSED for the chapter.
- Pressing the button again shows the CHAPTER REMAIN for the chapter.
- Pressing the button again exits the status display.

#### For CD Playback

- The SINGLE ELAPSED for the track is shown.
- Pressing the button again shows the SINGLE REMAIN for the track.
- Pressing the button again shows the TOTAL ELAPSED for the track.
- Pressing the button again shows the TOTAL REMAIN for the track.
- Pressing the button again exits the status display.

### Searching for a Specific Screen/Song

You can use one of the functions listed below to jump to a specific chapter or track during playback.

#### Fast Forward/Reverse

Use this function to play the DISC contents in fast forward or fast reverse. During searching audio will be muted (except CD or MP3).

1. Press the << or >> button.
2. For DVD playback, pressing the button executes the function in the following order: X2 > X4 > X8 > X16 > X32 > X64 > normal.
  - For VCD playback, X2 > X4 > X8 > X16 > X32 > normal
  - For CD/MP3 playback, X2 > X4 > X8 > normal.

#### Skip Forward/Reverse

Use this function to move to the next or previous chapter for DVD, track for CD and MP3.

1. Press the |<< or >>| button.
  - When the |<< button is pressed, playback skips to the next chapter or track during DVD or CD playback.
  - When the >>| button is pressed, playback skips to the beginning of the current chapter during DVD playback and to the previous chapter when it is pressed again.

#### Slow Forward/Reverse

1. Press the PLAY/PAUSE button to resume normal playback.
2. Press the << or >> button.
  - For disc playback, pressing the button executes the function in the following order: X1/2 > X1/4 > X1/8 > X1/16 > X1/32 > X1/64 > NORMAL
3. Press the PLAY/PAUSE button to resume normal playback.

**STEP (Frame-by-Frame) Playback**

1. Press the PLAY/PAUSE button.
2. Press the |<< or >>| button.
  - Each time you press the >>| button, one frame forward is displayed at a time.
  - Each time you press the |<< button, one frame backward is displayed at a time.
3. Press the PLAY/PAUSE button to resume normal playback.

**Note:** Reverse step and reverse slow are not supported on VCD.

**Repeating a Title, Chapter (DVD), Track (CD)****Repeat Playback**

This function repeats the playback of a chapter, title or track.

1. Press the REPEAT button.
  - Each press of the button changes the repeat mode in the following order:  
For DVD playback, Chapter > Title > Repeat Off.  
For CD playback, Track > Disc > Repeat Off.
2. To resume normal playback, press the REPEAT button repeatedly until the repeat mode indicator disappears on screen.

**Repeating a Specific Section**

1. During playback, press the A-B button at the beginning of the desired section.
2. Press the A-B button again at the end of the section. "AB" will be displayed on the screen then the A-B section is continually repeated.
3. To resume normal playback, press the A-B button repeatedly until the repeat mode indicator disappears on screen.
  - Chapter repeat: Repeats playback of a single chapter.
  - Title repeat: Repeats playback of a single title.
  - Repeat disc: Repeats playback of the whole disc.
  - Repeat track: Repeats playback of a single track.
  - Repeat off: Exits repeat mode.

**Changing the Audio Language/Changing the Subtitle Language**

Select the language on discs that contain more than one language by following the instructions below.

**Changing the Audio Language**

It is possible to change the audio soundtrack language to a different language from the one selected at the initial settings. This operation works only with discs on which multiple audio soundtrack languages are recorded. If the loaded disc supports multiple languages, you can select the audio language.

1. Press the AUDIO button
  - For DVD playback, Each time you press the AUDIO button, the language is changed.
  - For CD playback, Mono Left > Mono Right > Mix-Mono > Stereo.

**Changing the Subtitle Language**

It is possible to change the subtitle language to a different language from the one selected at the initial settings. This operation works only with discs on which multiple subtitle languages are recorded.

1. Press the SUBTITLE button
2. Press the SUBTITLE button repeatedly until the desired subtitle language is displayed.
3. To turn the subtitles off, press the SUBTITLE button until Subtitle off is displayed.

**Changing the Size and Angle of the Screen****Changing the Size of the Screen**

1. Press the ZOOM button
  - Each press of the button changes the zoom mode in the following order: X1.5 > X2 > X3 > OFF
  - If you press the direction button during the zoom mode, the zoom point will shift.
  - To resume normal playback, press zoom button repeatedly until the repeat mode indicator disappears on screen.
  - This function is activated for only DVD playback.

### Viewing from another Angle

Some DVDs contain scenes that have been shot simultaneously from multiple angles.

1. Press the ANGLE button.
  - Pressing the button successively changes the viewing angle which is displayed on the screen.
  - The icon  appears. If no additional camera angle are recorded, the icon  will be displayed.
  - If multiple camera angles are recorded, the  icon displays the current angle, number and the number of angles available.
  - This function is activated only for discs having scenes recorded at different angles.

## Additional Function

### Muting the sound

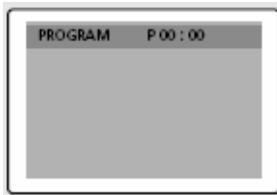
1. Press the MUTE button.
  - Pressing the button toggles the mute function on and off. If no sound is heard with mute turned on, turn it off to hear sound.

### Basic Disc Menu Controls

Some DVD's contain menus. Sometimes these are displayed automatically when you start playback; others only appear when you press MENU or TITLE remote control.

1. Press the MENU button.
  - The menu contained on the disc will appear on the screen. The menu appears differently with different disc.
2. Press the TITLE button.
  - The title contained on the disc will appear on the screen. The title menu appears differently with different disc.

## Programming in a Specific Order



### Program play

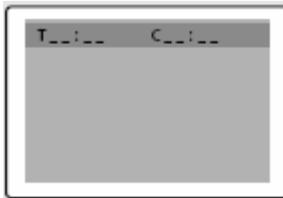
This function is used to play the Title, Chapter and Tracks on the disc in the order you program.

1. Press the PROGRAM button.
  - Program menu is displayed on screen.
2. Select the Track NO. (CD) is displayed on the TV screen.
3. Select other NO. to program. You can add desired racks up to 99 programs. Repeat step 2 until the programming is finished.
4. Using the PLAY button to select "Start", play now begins in the programmed sequence.
5. Stop all the programmed title, chapter and tracks. Use the EXIT button to select "Exit".

## Setting a Specific DVD Title or Chapter

This function is used to go to the Chapter, Track or Song of the disc you want.

### Program play DIRECT Search (GO TO) for DVD



1. Press the GOTO button.
2. Select the item using the </> button and press the ENTER button.

- Chapter: Press the chapter number using the numeric button.
  - Title: Press the Track number using the numeric button.
  - TT: Press the number of the desired time in title using the numeric button.
3. Press the ENTER button to confirm.

### DIRECT Search (GO TO) for CD



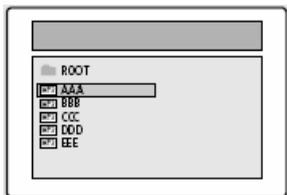
1. Press the GOTO button and select the desired item.
  - Each press of the GOTO button changes the repeat mode in the following order: Disc Go To --:-- > Disc go to XX:XX
2. Enter the number using the numeric button.
  - Disc Go To: Press the number of the desired time in disc using the numeric button.
  - Track Go to: Press the number of the desired time in track using the numeric button.
  - Select Track: press the track number using the numeric button.

## Playing MP3 Discs

Playback of a CD/CD-RW disc that contains a MP3 files.

### To Play a MP3 File

1. Insert the MP3 disc. Make sure that the disc's label is facing up.
2. Using the  $\wedge$  /  $\vee$  button to find the desired folder.
3. Using the  $\wedge$  /  $\vee$  button to select the desired a mp3 files.
4. Press the ENTER button to start playback a file.



### Repeat Playback

Playback of a CD/CD-RW disc that contains a MP3 files.

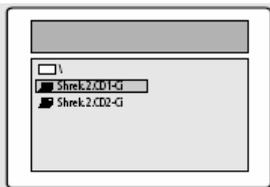
1. Press the REPEAT button.
  - Each press of the REPEAT button changes the repeat mode in the following order: Repeat track > Folder repeat > Repeat OFF.

### Note

- The file name is only displayed in English.
- This player is compatible with the "MPEG-1 Audio Layer 3" standard. It is not compatible with other standards, such as "MPEG-2 Audio Layer 3", "MPEG-2.5 Audio Layer 3", MP1, MP2, etc.
- Do not play CD-R/RW discs containing any files other than music CD files, MP3 and JPEG files.
- Programmed playback is not possible with MP3 discs.
- When writing MP3 files on CD-R/RW discs, select "ISO9660 level 1" as the writing software format.

## ENG Playing DIVX Discs (option)

Playback of a CD/CD-RW disc that contains a DIVX files.



**CAUTION:** This subtitle is selectable only when it's name is same with the title's .

### To Play a DIVX File

1. Insert the DIVX disc. Make sure that the disc's label is facing up.
2. Using the  $\wedge$  /  $\vee$  button to find the desired folder.
3. Using the  $\wedge$  /  $\vee$  button to select the desired a DIVX files.
4. Press the ENTER button to start playback a file. Press the SUBTITLE button to delete the subtitle display while playback.

#### Note

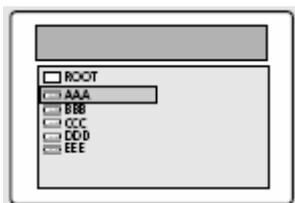
- AVI file used to contain the audio and video data: these must be stored on CD in the ISO 9660 format.
- Press STOP button when file do not appear on the screen.
- When playing the DivX disk, you can play the file with extension of AVI only.
- DTS Audio is not supported.
- WMA is not supported.
- When burning a subtitle file to a CD-ROM in your PC, be sure to burn it as an SMI file.
- Reverse of slow playback does not work DivX .
- Supported format: VIDEO - Divx3. 11 , 4. x , 5. x    AUDIO - AC3 ,    MP3(80kbps ~ 320kbps)

## Playing Kodak Picture CD and JPEG File

### To play Kodak Picture CD and JPEG File

When a Kodak Picture CD is inserted, an automated slide show is launched. When a JPEG file is loaded the table of contents is displayed on TV screen.

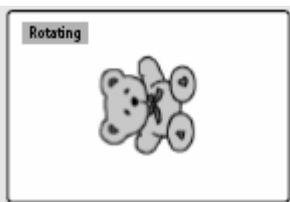
1. Insert the Kodak Picture CD or JPEG file disc.
  - An automated slide show is launched.
  - If you press the  $\blacksquare$  button, File menu screen will be appeared.
3. Select the picture.
  - Select the picture, you want to see, by pressing the  $\wedge$  /  $\vee$  button.
4. Press the ENTER button.
  - The selected item is displayed as a full size picture.



### Changing the Size of the Screen

1. Press the ZOOM button.
  - Each press of the ZOOM button changes the zoom mode in the following order: (<<) 25% > 50% > 100%(default) > 150% > 200%(>>).

## Image Rotation



1. Press the  $\wedge / \vee </>$  button. There are 4 modes to rotate a picture:

- $\wedge$  button : invert
- $\vee$  button : mirror
- $<$  button : Turn left
- $>$  button : Turn right

## Changing JPEG Slideshow Transition Mode

1. Press the ANGLE button.

- 13 slideshow transition modes are provided.
- Each press of the ANGLE button is pressed during JPEG image playback, the display mode on screen shows 13 variations as follows:
  - mode 1 : It displays from top to bottom in turn.
  - mode 2 : It displays from bottom to top in turn.
  - mode 3 : It displays from top to bottom to center in turn
  - mode 4 : It displays from center to top and bottom in turn.
  - mode 5 : It displays from vertical blind.
  - mode 6 : It displays from left to right in turn.
  - mode 7 : It displays from right to left in turn.
  - mode 8 : It displays from left and right to center in turn.
  - mode 9 : It displays from center to left and right in turn.
  - mode 10 : It displays from outside to inside in turn.
  - mode 11 : It displays from horizontal blind.
  - mode RAND : It displays at random.
  - NONE

## Starting music slide show

1. Whenever SUBTITLE button pressed at STOP mode, SLIDE SHOW MODE1 > SLIDE SHOW MODE2 > SLIDE SHOW MODE3 > SLIDE SHOW OFF will be selected repeatedly.
2. Starting slide show mode 1
  - After selecting SLIDE SHOW MODE 1, press ENTER button. MP3 FILE No.1 Track will be played with JPEG Picture changing automatically.
3. Starting slide show mode 2
  - Select SLIDE SHOW MODE 2 and press the arrow button to select the MP3 File tracks.
  - Press A-B on the remote and Press ENTER.
  - The selected MP3 FILE will be played with JPEG Picture changing automatically.
4. Starting slide show mode 3
  - Select SLIDE SHOW MODE 3 and press ENTER button. While MP3 FILE No.1 Track is playing, JPEG picture will not be changed.
  - When the MP3 FILE track moves to the next one, the JPEG picture will be moved to the next one too.
5. Stopping slide show mode
  - Press STOP button to stop MP3 FILE and SLIDE SHOW.

## Using the Setup Menu

Once the initial settings have been completed, the player can always be operated under the same conditions whenever the power is switched on. These settings are called SETUP data, and are easily modified and stored using the SETUP menu. The SETUP menu includes the information for GENERAL, LANGUAGE, VIDEO, SPEAKER, AUDIO and CUSTOM SETUP.

### Language Setup

1. Press the SETUP button during stop mode and Press the </> button to move to Language Setup.
2. Press the ^ / v button to move to desired item. And press the ENTER button.
3. Press the ^ / v button to select desired language.
  - AUDIO: Use the audio language menu to select the subtitle language that you prefer. If the disc you are playing has that language available, it will display subtitles in that language.
  - SUBTITLE: Use the subtitle language menu to select the subtitle language that you prefer. If the disc you are playing has that language available, it will display subtitles in that.
  - DISC MENU: Use the Disc Menu option to select the language you want a DVD's disc menu to be displayed in(not the same as the player menu).



### Video Setup

For selecting TV screen ratio.

1. Press the SETUP button during stop mode and Press the </> button to move to Video Setup.
2. Press the ^ / v button and press the ENTER button.
3. Press the ^ / v button to select desired item.

#### TV DISPLAY

- 4:3 / PS: Choose this setting if you want the movie to fill the entire screen of your TV. This might mean that the left and right edges won't be seen.
- 4:3 / LB: Choose this setting if you want to see movies in their original aspect ratio. The movie might appear with black bars at top and bottom of the screen.
- 16:9 / WIDE: Choose this setting if you want the movie to be seen in widescreen.

#### PIC MODE

- AUTO: The picture mode will be selected automatically according to the disc information.
- FILM: The optimal display at still mode will be selected.
- VIDEO: The optimal display at movie mode will be selected.
- SMART: The optimal display will be displayed by the combination of Film and Video.

#### SCREEN SAVER

- You can select the screen protection function 'On' and 'Off'.



### Speaker Setup

1. Press the SETUP button during stop mode and Press the </> button to move to Speaker Setup.
  2. Press the ^/∨ button to move to desired item. And press the ENTER button.
  3. Press the ^/∨ button to select desired item.
- Downmix
    - LT/RT: Choose this setting if you want to select the surround sound for the front speaker.
    - Stereo: Choose this setting if you want to select the stereo output through the front speaker.



### Audio Setup

1. Press the SETUP button during stop mode and Press the </> button to move to Audio Setup.
  2. Press the ^/∨ button to move to desired item. And press the ENTER button.
  3. Press the ^/∨ button to select desired item.
- DUAL MONO
- STEREO : For stereo sound output.
  - LEFT MONO : For stereo the output of the left channel of the audio track.
  - RIGHT MONO : For selecting the output of the right channel of the audio track.
  - MIXED MONO : For selecting the output of both the left and right channels of the audio track.
- Dynamic
- For increasing the output of the audio only. (4/4, 3/4, 2/4, 1/4, OFF)
  - Selecting OFF returns to the default value.



### Custom Setup

1. Press the SETUP button during stop mode and Press the </> button to move to Custom Setup.
2. Press the ^/∨ button to move to desired item. And press the ENTER button.
3. Press the ^/∨ button to select desired item.

#### • Logo

- MPG Logo : To use the original initial screen.
  - JPG Logo : To use the initial screen downloaded from CD.
- If you use DivX (option), the JPG logo is applied.  
If you use DVD (option), the JPG logo is not applied.



- **Parental**

- Set a password and select rating level for DVD's unsuitable for children.



- **Password Change**

1. Press the SETUP button during stop mode and Press the </> button to move to Password Setup.
2. Press the ^ / v button and press the ENTER button.
3. Press the ENTER button again.
4. Enter your old password, and new password in 4 digits.
5. Re-enter new password for confirmation then press the ENTER button.



- **The Password is preset to 0000.**

- **Default**

- If user selects reset from the setup menu, all the value of setup menu will be initialized by factory setting value. (Exception: Parental level and Password values will not be changed.)

## DivX Function(Depend on the model)

### DivX (option)

#### DivX Feature Table

- AVI files are used to contain the audio and video data; these must be stored on CD in the ISO 9660 format.
- When playing the DivX disc, you can play the file with extension of AVI only.
- WMV is not supported.
- When burning a subtitle file to a CD-ROM in your PC, be sure to burn it as an SMI file.
- Reverse of slow playback does not work with DivX.

#### VIDEO

- DivX 3.11 content
- DivX 4 content (Based on MPEG-4 simple profile)
- DivX 5 content (MPEG-4 simple profile, bi-directional frames, Qpel and GMC are not supported).

Support all resolution up to maximum of	720 X 480 @ 30fps 720 X 576 @ 25fps
Macroblocks per second	40500
Maximum average bitrate	4000 kbps
Maximum peak bitrate during any 3 seconds of video	10000kbps
Minimum VBV buffer size (kbytes)	384k bytes

#### Note.

Our solution supports a maximum constant 6Mbps bitrate.

#### AUDIO

DivX certified devices can play back any interleaved MP3 audio at any bitrate, both CBR and VBR.

The audio must be sampled at standard frequencies, such as 32khz, 44.1khz, and must conform to the AVI file specification.

### DivX® VOD Playback

This chapter explains how to playback DivX VOD.

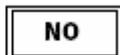
1. Press SETUP at disc stop mode.
2. Use </> to move to "Custom" mode.
3. Use ^ / v to move to "DivX® VOD", then press ENTER.
4. Then, below message will pop up.

```
YOUR REGISTRATION
CODE IS : XXXXXXXX
TO LEARN MORE
GO TO WWW.DIVX.COM/VOD
```



5. Registration code is : XXXXXXXX please fill out 8 characters registration code.
6. When you down load files through internet. Please make sure to insert registration code before the down loading.
7. Burn the downloaded file to CD-R or CD-RW.
8. Playback CD-R or CD-RW disc to the set.
9. You will see below message.

This rental video has X view left. A view ends when you stop playback, play a different video, or trun off your player. Do you want to use one of your X views now?



10. If you select "YES" button, it will playback, otherwise it will show you list of files.

**Note.**

- If you tried to play back anything over X view. It will show you following message "This rental is expired" and will not play back. If you tried to play back expired rental disc, it will show you following message " This rental is expired".
- If you want play back new rental disc, please follow the procedure from No.1
- In case of Bad Registration code are inserted. It turns out to be invalid registration code, the file will not be play back. "This video player is not authorized to play this video." showing following message.

## Using ARM on the Outer Wall

You can use any wall mount arms manufactured by an office furniture manufacturer. You should take into account the following conditions.

- They have to comply with VESA Mount Interface 75mm standard.
- They have to be able to sustain the weight of the LCD TV.
- They have to be fixed to a position adjustable by hand.
- They have to be adjustable.
- The distance between the screw holes for fixing the arms has to be 75mm. Additionally, refer to the installation manual supplied with the arms for installation.
- Arm installation procedures Install the arms following the procedures given below.
  1. Remove all cables connected to the LCD TV.
  2. Lay the LCD TV face down on a flat surface with a cushion or some type of soft material to protect the screen.
  3. Using a screwdriver, remove the screws fixing the stand.
  4. Install the steel frame of the arms, insert the attached screws into the screw holes of the LCD TV, and then fasten the screws using a screwdriver.
- Attach the arm to the fixed board first.
- Do not use the handle screws for fixing the stand and the handle screws to fix the arms. Use only the screws attached for the arms (M4 x 10 screws with a diameter of 4 mm, and a length of 10 mm). If you use the stand screws to fix the arms, the LCD TV may be fall and get damaged, because the arms are not fixed completely. To reattach the removed stand, use the stand screws.
- Attach the arms completely. If the LCD TV becomes detached from the arms, it may cause injury or damage the product. If the LCD TV is somehow detached accidentally, unplug the power cable from the wall outlet, and contact your service center. Damage may cause fire or electric shock.

## Troubleshooting

If the TV seems to have a problem, first try the following list of possible problems and solutions before contacting a service center. If none of these troubleshooting tips apply, do not attempt to repair the product yourself. Call your nearest service center.

### • Symptoms that may appear to be a problem

The following symptoms may happen even if the TV has no problem. First try the following list of possible problems and solutions before contacting a service center. First try the following list of possible problems and solutions. If the symptom continues, turn the TV off, and call your nearest service center.

Symptom	Possible Problem	Possible Solution
No picture on the screen, and the power LED does not turn on.	Power connection problem.	Check the power cable connectivity to the power connector. Press the power switch again (Depend on the model).
The TV is turned on, but there is no picture on the screen.	The brightness is adjusted too low. The fluorescent tube is out of order.	Adjust the brightness and the contrast so that a picture is displayed brightly. The fluorescent tube of a LCD TV has a lifetime of about 50,000 hours. To replace the fluorescent tube, contact a service center.
An afterimage is generated when continuously watching a still image.	This is caused by an inherent property of LCD panels. Depending on the number of valid pixels, there may be black or bright pixels. These will be less than 0.005% of the sum of all pixels. This is not a problem.	
No picture on the screen. No audio.	Discordance between the external device jack and the input switch button location.	Adjust the input switch location.
A picture is displayed on the screen, but there is no audio.	The volume is adjusted to 0. Mute is active. The audio cable is disconnected.	Turn up the Volume button. Press the Mute button again. Check the audio cable connectivity.
Remote control malfunctions.	The polarity of the batteries installed in the remote control is wrong. The batteries installed in the remote control have not been discharged completely.	Reinstall the batteries properly. Replace the batteries with new ones.
Noise is heard on the radio.	This may happen when you use a radio near the TV.	Noise may occur when you use a radio near the TV. Keep some distance between any radios and the LCD TV.
No color in a color picture.	The Color density is adjusted to 0 or almost 0.	Adjust the Color density to 100 or less.
Duplicated pictures on the screen.	This may be caused by reflected broadcasting signals when there is are mountains, buildings, or trees near your house.	Check if there are any tall objects such as skyscrapers near your house. Check that the direction of the antenna is adjusted correctly.
Blurred or snowy picture.	The direction of the antenna is not optimal. The antenna cable is disconnected.	Check that the direction of the antenna is correct. Check that the antenna cable is connected to the ANTENNA jack on the back of the LCD TV.

**The remote control does not work properly!**

- Are the polarities of the installed batteries correct?
- Has the battery discharged completely?
- Is the power cord plugged in properly or is there a power failure?
- Is fluorescent lighting or a neon sign near the unit?

**Warning**

If a problem has been detected, unplug the power cable from the wall outlet first.

Using the product when it has a fault may cause electric shocks or fire.

Do not place objects near the wall outlet so that you can unplug the power cable if necessary.

## Specifications

The exterior design and the product specifications are subject to be changed without prior notice due to improvements in performance. This product is manufactured for domestic use. This product may not be used in countries whose television system type or power voltage is different.

The TFT LCD panel uses a panel consisting of sub pixels which require sophisticated technology to produce. However, there may be few bright or dark pixels on the screen. These pixels will have no impact on the performance of the product.

### LCD Panel

#### Screen Size

17 inch WIDE  
20.1 inch WIDE

#### Type

TFT LCD

#### Display Color

16.7M

### DVD loader (Option)

#### Applicable disc (Do not insert 8Cm/3inch disc.)

DVD-Video / DVD-R /+R / Super VCD / VCD / CD /  
CD-R / RW /MP3 / WMA / JPEG files / Picture CD Disc  
Compatible

#### MPEG4 ASP Video (OPTION)

Support Divx 3.11 / 4.x / 5.x

#### Aspect Ratio

16:9, 4:3 Letter Box, PAN&SCAN

#### Language

Audio(9), Subtitle(9) (+others)

#### Others

Built-in screen saver, Repeat mode (chapter/title),  
Continuous repeat A-B, Resume play/Last Memory

### TV/ VIDEO

#### Receiver/Channels

VHF: E2 ~ E12  
UHF: E21 ~ E69  
CATV: S1 ~ S41  
Television Broadcasting System: PAL, SECAM: B/G,  
D/K, I, L, L'

#### Antenna Interface

VHF, UHF: 75ohm

#### Video Signal

PAL, SECAM, NTSC(3.58/4.43)

#### Video Type

CVBS, S - VHS, RGB

### PC

#### Synchronization

Horizontal F – 30 ~ 60KHz  
Vertical F – 56 ~ 75Hz

#### Color Quality

16,772,216 colors

#### Maximum Resolution

1024 X 768 (17 Inch)  
640 X 480(LG/BOE), 800 X 600(AUO) (20.1 Inch)

#### Separation Signal

TTL, Anode or Cathode

#### Display Color

16.7M

#### Interface

D-sub

### Audio Output

3W x 2 (2 Way)

### Power Supply

50/60Hz, DC12V/5A

### Power Consumption

Maximum 60 W

### Power Consumption When Power Saving

Less than 3 W

### Input Voltage

AC 100-240V~, 50/60Hz

### Dimension

#### With Stand

473mm(W) X 390mm(H) X 185mm(D) (17 Inch)  
510mm(W) X 478.5mm(H) X 240mm(D) (20.1 Inch)

#### Monitor

473mm(W) X 345mm(H) X 87mm(D) (17 Inch)  
510mm(W) X 433mm(H) X 88mm(D) (20.1 Inch)

### Weight

7.9 Kg (17 inch)  
9 Kg (20.1 inch WIDE)

### Accessories

Remote control, Battery (AAA), Owner's Instructions,  
Power Cord, AC adapter, SCART Cable.

**Note:** This device has been registered in regards to EMI for residential use. It may be used in all areas.

## Appendix

### Standard Signal Mode Table

A TFT LCD TV is configured to support the following 10 signal modes. A user can register up to 10 modes. Configure the PC display mode referring to the following table. For configuration procedures, refer to the Appendix of the PC manual.

#### 17

Resolution	Horizontal Frequency (KHz)	Vertical Frequency (Hz)	Clock Frequency (MHz)	Polarity (H/V)
MAC, 640 X 480	31.469	59.94	25.175	-/-
VESA, 640 X 480	37.861	72.809	31.5	-/-
VESA, 640 X 480	37.5	75	31.5	-/-
IBM, 720 X 400	31.469	70.087	28.322	-/+
VESA, 800 X 600	37.879	60.317	40	+/+
VESA, 800 X 600	48.077	72.188	50	+/+
VESA, 800 X 600	46.875	75	49.5	+/+
MAC, 832 X 624	49.726	74.551	57.284	-/-
VESA, 1024 X 768	48.363	60.004	65	-/-
VESA, 1024 X 768	56.476	70.069	75	-/-

#### 20 (LG/BOE)

Resolution	Horizontal Frequency (KHz)	Vertical Frequency (Hz)	Clock Frequency (MHz)	Polarity (H/V)
MAC, 640 X 480	31.469	59.94	25.175	-/-
VESA, 640 X 480	37.861	72.809	31.5	-/-
VESA, 640 X 480	37.5	75	31.5	-/-
IBM, 720 X 400	31.469	70.087	28.322	-/+
VESA, 800 X 600	37.879	60.317	40	+/+
VESA, 800 X 600	48.077	72.188	50	+/+
VESA, 800 X 600	46.875	75	49.5	+/+
MAC, 832 X 624	49.726	74.551	57.284	-/-
VESA, 1024 X 768	48.363	60.004	65	-/-
VESA, 1024 X 768	56.476	70.069	75	-/-

**NOTE:** The PC mode marked in grey color is not supported but is only displayed.

#### 20 (AUO)

Resolution	Horizontal Frequency (KHz)	Vertical Frequency (Hz)	Clock Frequency (MHz)	Polarity (H/V)
MAC, 640 X 480	31.469	59.94	25.175	-/-
VESA, 640 X 480	37.861	72.809	31.5	-/-
VESA, 640 X 480	37.5	75	31.5	-/-
IBM, 720 X 400	31.469	70.087	28.322	-/+
VESA, 800 X 600	37.879	60.317	40	+/+
VESA, 800 X 600	48.077	72.188	50	+/+
VESA, 800 X 600	46.875	75	49.5	+/+
MAC, 832 X 624	49.726	74.551	57.284	-/-
VESA, 1024 X 768	48.363	60.004	65	-/-
VESA, 1024 X 768	56.476	70.069	75	-/-

**NOTE:** The PC mode marked in grey color is not supported but is only displayed.