Palsonic

LCD TV COMBO

TFTV1720D

USER'S MANUAL
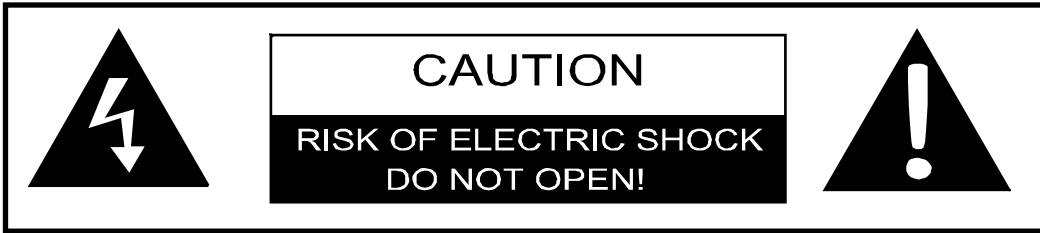
HD ready

DVD VIDEO

COMPACT disc DIGITAL AUDIO

Table Of Contents

Important Safety Instructions

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "Dangerous Voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

CLASS 1
LASER PRODUCT

CAUTION: Laser radiation when open. Do note stare into beam.

CAUTION: USE OF ANY CONTROLS, ADJUSTMENTS, OR PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

CAUTION

1. The product contains a low-power laser device. In order to ensure the safety of the laser device, do not remove any cover and attempt to repair the unit. If any service is needed, please contact the distributor or its authorised service centre.
2. To reduce the risk of electric shock, do not remove the cover (or back). No user-serviceable parts inside. Refer servicing to qualified service personnel. Unplug the product from the wall outlet before servicing or when it is unused for a long period of time.
3. The manufacturer should not hold responsibility for the damage caused by any substitutions and modifications of the product without authorisation from the manufacturer or authorised unit.
4. Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.

WARNING

The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.

Important Safety Instructions

Note:

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with a dry cloth.
7. Do not block any ventilation openings. Maintain well ventilated conditions around the product. Do not put product on bed, sofa or anything that blocks ventilation. Install in according to the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Read, heed and follow all instructions to ensure correct and safe installation and inter-connection of the apparatus.
10. 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.
11. The mains socket outlet shall be installed near the apparatus and the mains plug shall remain readily operable.
12. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
13. Only use attachments/accessories specified by the manufacturer.
14. 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.
15. Unplug this apparatus during lightning storms or when unused for long periods of time.
16. 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.
17. The apparatus shall be connected to a mains socket outlet with a protective earthing connection.

Note: Do not touch the colour TFT LCD screen by hand directly.

Copyright Protection

This product incorporates copyright protection technology that is protected by U.S. patents and other intellectual property rights. Use of this copyright protection technology must be authorised by Macrovision, and is intended for home and other limited viewing uses only unless otherwise authorised by Macrovision. Reverse engineering or disassembly is prohibited.

Characteristic Features

This product incorporates DVD player, LCD display and TV receiver in one system.

Multiple Mode

DVD mode

TV mode

AUX mode

S-VIDEO mode

PC mode

High Quality Property

High Resolution

Adopt an MPEG2 decoding format to achieve horizontal resolution more than 500 lines.

Superior Sound

Built-in Dolby Digital decoder to output high quality sound effects.

Special Playback

Support multi-angle, multi-language and multi-subtitle playback.

LCD (Liquid Crystal Display)

Designed with colour TFT liquid crystal display clearly shows the data.

Stereo Amplifier

Built-in 2 x 3w speakers and BBE sound processor, provide high quality sound.

Teletext Function

Support Teletext function and provide more operations.

Advanced Playing Features

Compatibility

DVD, DVD+/-R, CD, CD-R, CD-RW and JPEG discs compatible.

Zoom Function

Enlarge the picture to enhance your enjoyment.

All Playback Functions

Fast forward and reverse, slow playback, repeat playback, program playback.

Search By Time

Ability to search for a certain track of a disc by selected time.

Last Memory Playback

Continue to play from where you stopped previously while still in POWER ON status under DVD mode.

NOTE: It is normal for a TFT screen to experience some light or dark spots appearing on the LCD screen.

Disc Information

Discs Formats Supported By This Player

	DISC LOGO	CONTENTS	SIZE	MAXIMUM TIME
DVD	DVD VIDEO	Audio+Video (active picture)	12cm	133min(SS-SL)
				242min(SS-DL)
				266min(DS-SL)
				484min(DS-DL)
CD	COMPACT disc DIGITAL AUDIO	Audio	12cm	74min
JPEG		Still high resolution	12cm	

◆ The operating method of some DVD discs is specified by the software maker. Please refer to the instruction manual of the disc.
◆ The DVD Player will play most recordable (CD-R) or erasable (CD-RW) CDs, but playback of CD-R or CD-RW discs created on a computer requires proper formatting and finalisation of the disc for audio playback. Some computers and/or software programs may not be capable of creating compatible discs.

About Disc Terms

Title
Generally, pictures or music compressed on a DVD are divided into several sections, "title".

Chapter
The smaller section unit of picture or music in a DVD under the title, usually one title is comprised of one or more chapters and each of them is numbered for easy searching. But some discs may not have a recording chapter.

Track
A segment of picture or music on a CD. Each track is numbered for searching.

Front Panel

Front Panel Drawing

1. LCD Screen
Present high resolution pictures.
2. Power Indicator
In normal playback status, it turns green while
in standby turns red.

3. Remote sensor
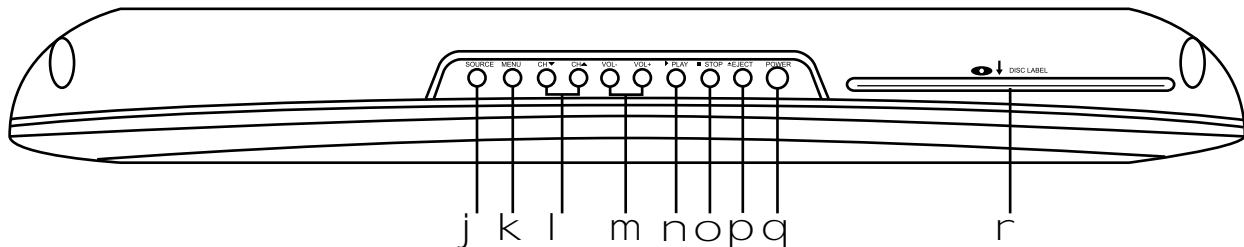Used as the remote sensor window for the
remote control.
4. Speakers
Two speakers produce stereo sound.

Top Panel

Top Panel Drawing

1. SOURCE button

Press to shift modes among DVD, TV, AUX, S-VIDEO and PC.

2. MENU button

The same function as the LCD SETUP button on the remote control.

3. CH ▼/▲ button

Press to select channels forward and backward. While in TV mode, the same function as ▲,▼ direction button when in LCD menu set up.

4. VOL+/- button

Press to decrease or increase the volume. The same function as ►,◄ direction button when in LCD menu set up.

5. PLAY button

Press to start playback under DVD mode.

6. Stop

Press to stop playback, then press the PLAY button to resume normal playback under DVD mode.

Press the STOP button twice repeatedly to stop completely.

7. EJECT button

Press to eject the disc out, while in the DVD mode.

8. POWER button

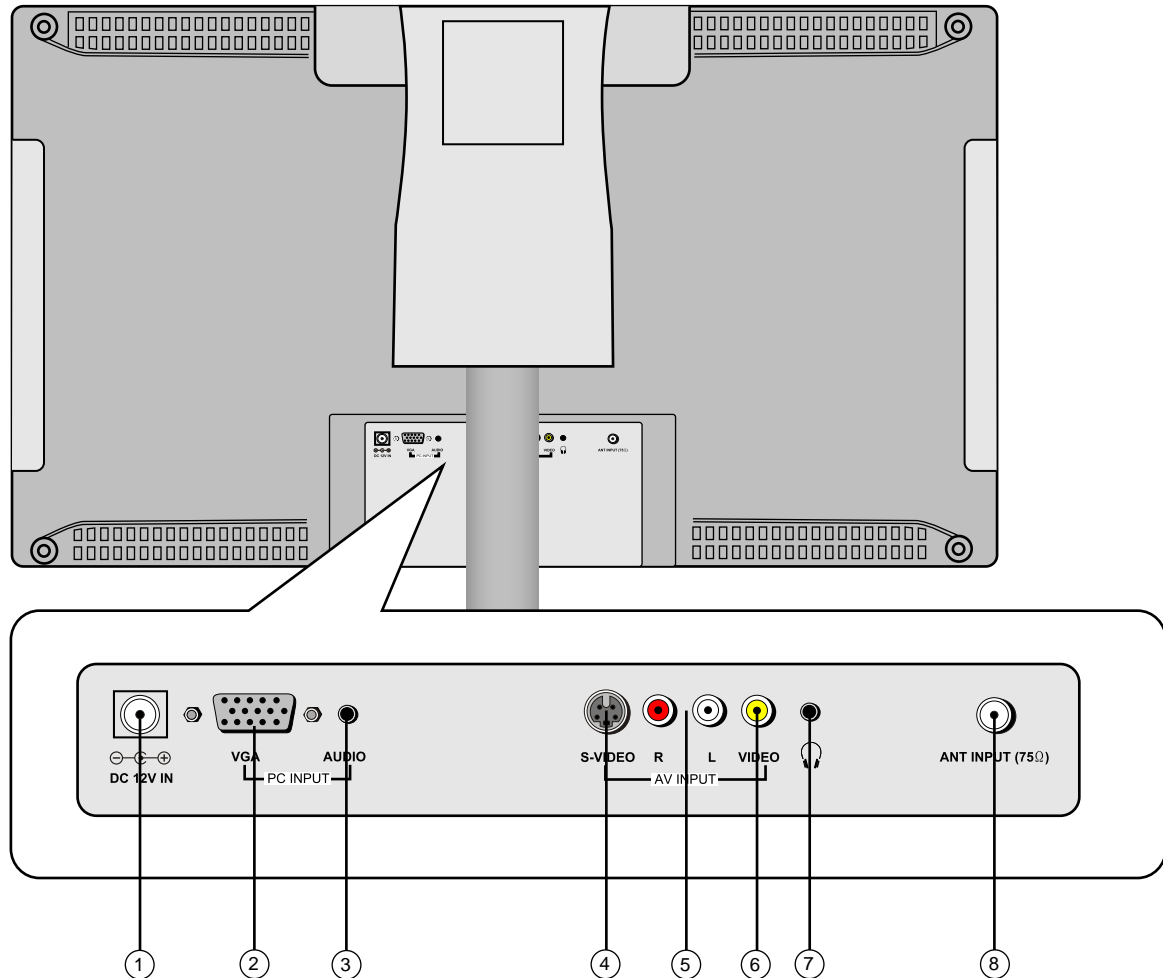Press to access to or exit from the STANDBY mode.

9. Disc Loading Slot

Used for loading discs in.

Rear Panel

Rear Panel Drawing

1. DC 12V Power Supply Cord

2. VGA Input Jack

Connection to the VGA output jack on a personal computer.

3. PC Audio Input Jack

Connection to the audio output jack on a personal computer.

4. S-Video Input Jack

Connection for S-Video input.

5. L/R Audio Input Jacks

Connection for external audio input under S-VIDEO or AUX mode.

6. Video Input Jack

Connection for external video input.
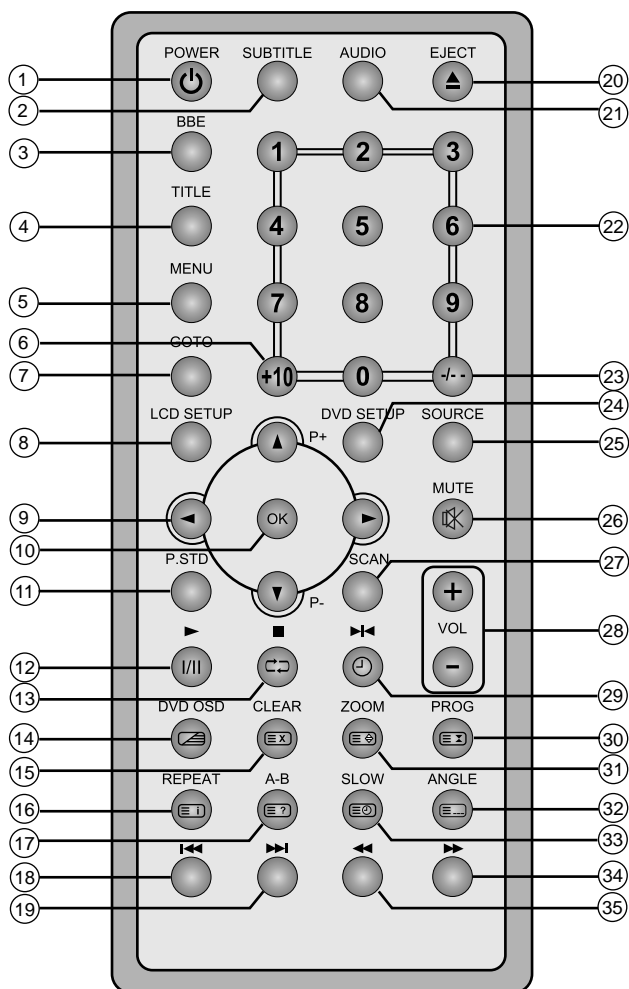
7. Earphone Jack

For earphone connection, as earphone is plugged in, the built-in speaker will be closed.

8. Antenna In Jack

Connected to external antenna to receive TV program in TV mode.

Remote Control

Remote Control Drawing

1. POWER button
Press to access to or exit the STANDBY mode.
2. SUBTITLE button
When a DVD is playing, press to select a subtitle language (if the DVD disc contains multiple subtitles).
3. BBE button
Press to shift between BBE 1, BBE 2, and BBE OFF.
BBE is available for activating high quality sound effects.
4. TITLE button
When a DVD disc is playing, press to go to title menu if the disc contains.
5. MENU button
Press to access the disc menu during DVD playback.

6. +10 button
Select track number greater than 9, in DVD mode.
7. GOTO button
Press to access or exit from the search menu under DVD mode.
8. LCD SETUP button
Press to access to LCD functional setup menu.
9. ◄ ► ▲ ▼
Press to select menu items or settings.
Under TV mode, use the ▲ , ▼ buttons to advance to the next channel or to go back to the preceding channel. Use the   buttons to select items in the setup menu.
10. OK button
Press to confirm the selection.
Press to exit from the LCD setup menu.
11. P. STD button
Press to change the current picture mode of standard, fresh, mild or manual.
12. Play ▶
Press to play the disc under DVD mode.
Press to activate the NICAM/A2 function under TV mode.
13. Stop ■
Press to stop playback, then press the PLAY button to resume normal playback under DVD mode.
Press the STOP button twice repeatedly to stop completely.
Under TV mode, press to return to the channel last viewed.
14. DVD OSD button
Press to display the current playback status of DVD discs.
Under TV mode, press to display/close the teletext or display mixed mode.
15. CLEAR button
Press to clear incorrect input under DVD mode.
Under teletext mode, press to exit from the teletext mode.

Remote Control

16. REPEAT button

Press to repeat a chapter, track, title, or all content under DVD mode.

Under Teletext mode, press to display page 100.

17. A-B Repeat

Press to mark a segment to repeat between A and B.

Under Teletext mode, press once to display the concealed information, such as solution of riddles or puzzles; press again to resume the riddles information from the display.

18. ⏮ Previous Skip

Press once to skip to the beginning of the current chapter/track.

Press twice repeatedly to skip to the previous chapter/track for some discs under DVD mode.

19. ⏭ Next Skip

Press to skip to the next chapter/track for some discs under DVD mode.

20. Eject

Press to eject the disc out.

21. AUDIO button

Press to access various audio languages (if the DVD disc contains multiple audio languages).

22. 0-9 number buttons

Select numbers by pressing these buttons.

23. -/--

Under TV mode, press to choose the channel. For example: If you want to select channel 52, you can press the button twice repeatedly until OSD display --, and then input number buttons 5, 2.

24. DVD SETUP button

Press to access the DVD setup menu under DVD mode.

25. SOURCE button

Press to shift modes among DVD, TV, S-VIDEO, AUX and PC. The unit can memorise the last mode when exit from the standby mode.

26. MUTE button

Press to turn on/off the speaker output.

27. SCAN button

Press to scan channels under TV mode.

28. VOL + , -

Press to increase or decrease the speaker volume level.

29. Pause/Step

Press to pause the playback or start step frame by frame playback.

Press the PLAY button to resume normal playback.

Under TV mode, press to select the sleep time. When the sleep time comes to the end, the unit will enter the standby mode automatically.

30. PROG button

Allows the player to play the contents in a programmed sequence under DVD mode.

Under Teletext mode, press to stop the automatic changing of the page consists of two or more sub pages.

31. ZOOM button

When a DVD is playing, press this button to activate zoom function.

Under Teletext mode, Press the button first time to double the size of teletext letters in the upper half of the screen, second to double the size of teletext letters in the lower half of the screen and third to resume normal status.

32. ANGLE button

Press to access various camera angles, if the DVD disc contains multiple camera angles.

Under Teletext mode, press to select four groups 3-digit numbers that displayed in different colours at the bottom of the screen. Press the coloured buttons on the below of the remote control to select, then use the number buttons to input the corresponding number to display the page.

Repeat the above procedures for each page to be stored, using a different coloured button accordingly each time.

33. SLOW button

Press to activate slow forward under DVD mode.

Under teletext mode, press to select a sub page number, it will display at the bottom of a screen.

Remote Control
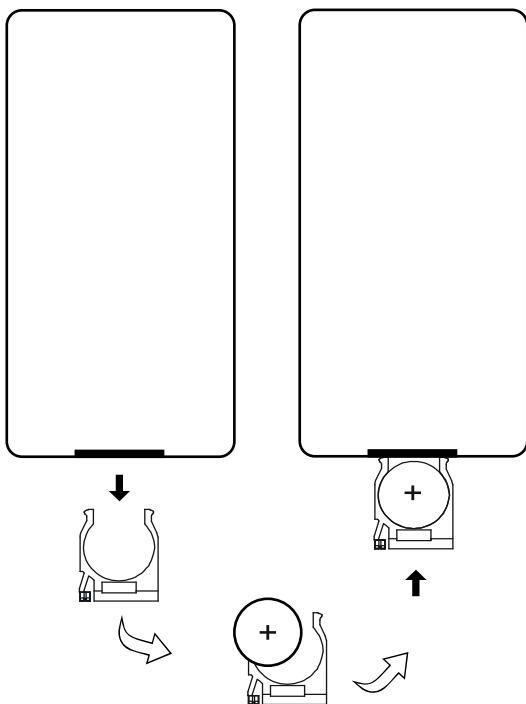
34. ⏩

Press to search forward under DVD mode.

35. ⏪

Press to search backward under DVD mode.

◆ While in DVD mode, if LCD setup menu is used, the buttons for DVD operation on the remote control is not available.

Preparation of Remote Control

Insert the batteries while observing the correct (+) and (-) polarities.


1. Refer to the drawing, take the back cover off of the remote control and remove the empty battery receptacle.
2. A separating film was applied to the battery for shipment. Remove this film.
3. Insert the battery into the receptacle and insert the receptacle into the remote.
4. Under normal use the battery will last for six months.

5. Take out battery when the remote is not in use for a long time.

Using of Remote Control

Point the remote control unit from no more than about 7m from the remote control sensor and within about 60 degrees of the front of the unit.
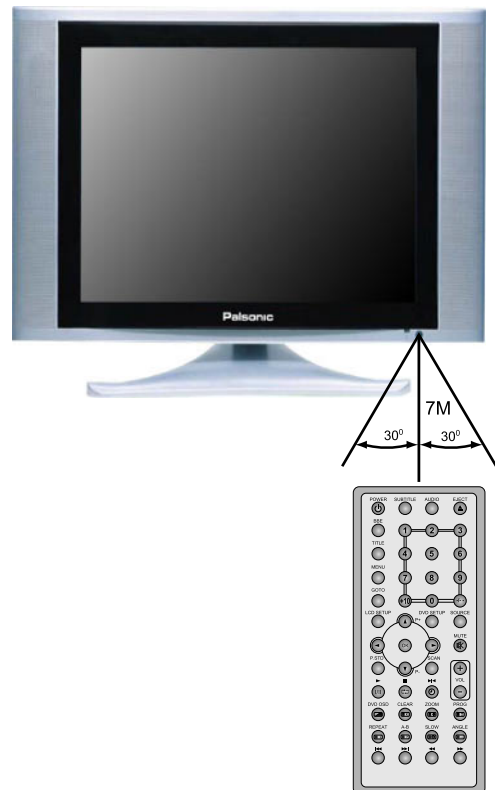
● The operating distance may vary depending to the brightness around.

Notes:

● Do not point bright lights directly at the remote control sensor.

● Do not place objects between the remote control unit and the remote control sensor.

● Do not use this remote control unit while simultaneously operating the remote control unit of any other equipment.

11

System Connections

Connecting To AV Signal Source

Use the supplied audio/video cable to connect the unit and the external AV signal input source.
And also connect the unit and the external AV signal source with S-video output. Connections should be made as follows:
Ensure that you observe the colour coding when connecting audio and video cables.
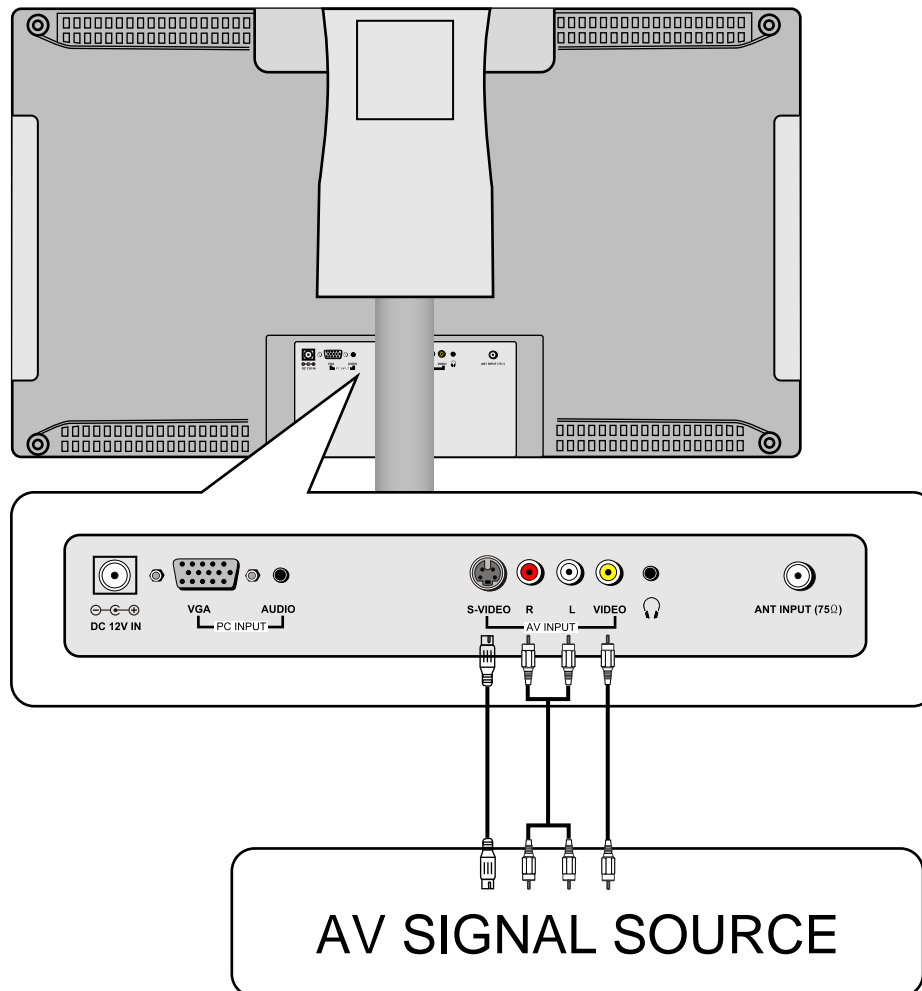
After connection press the SOURCE button to shift to AUX or S-VIDEO mode and enjoy external signal source through AV effects.

System Connections

Connecting To a Personal Computer

The unit can be used as a display screen, when connecting to a personal computer. Connect the unit and the computer via the VGA jack. And also use an audio cable to connect the Audio In jack on the rear panel of the unit and the audio output jack of the computer. See the below figure:
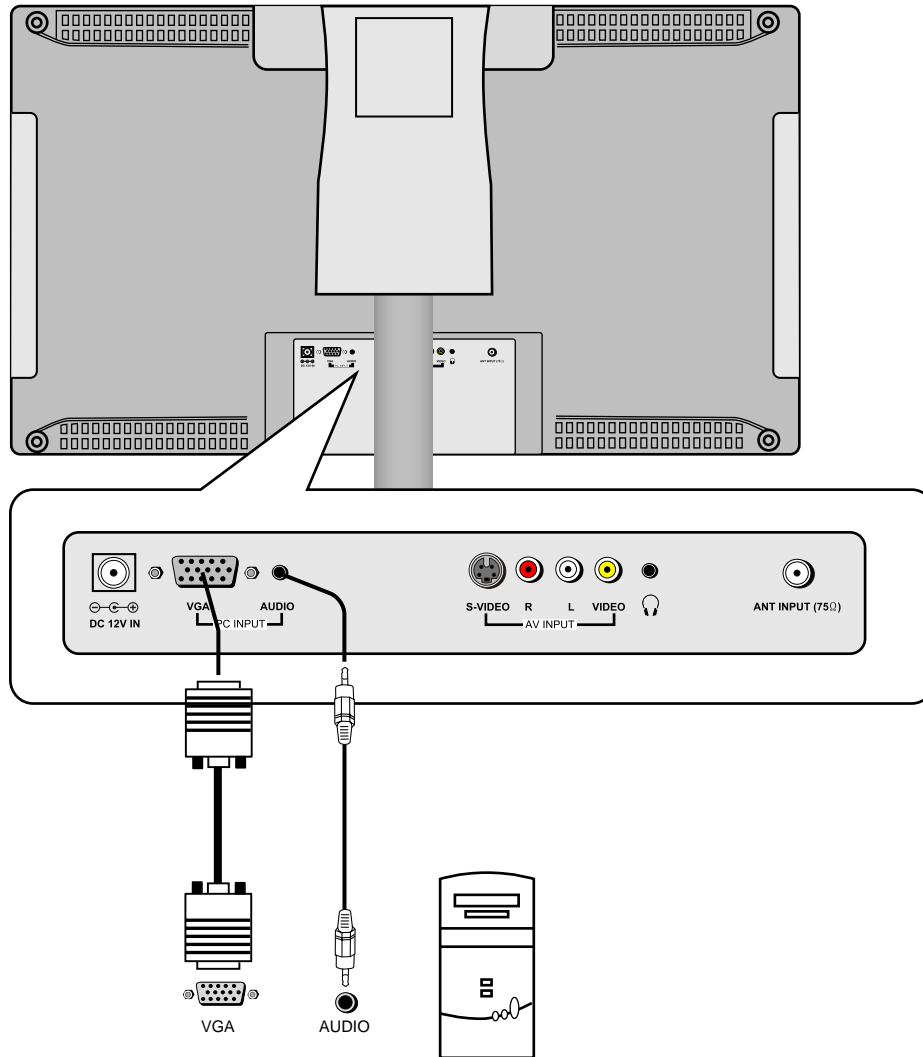
After connecting, press the SOURCE button on the remote control to shift to PC mode.
Please set the resolution of the PC at: 1280 x 1024@60Hz.

System Connections

Connect To TV-Signal Input

Plug the TV signal cable to the jack marked with ANT INPUT on the rear panel of the unit. Then you can enjoy TV programs.

TV Signal Input
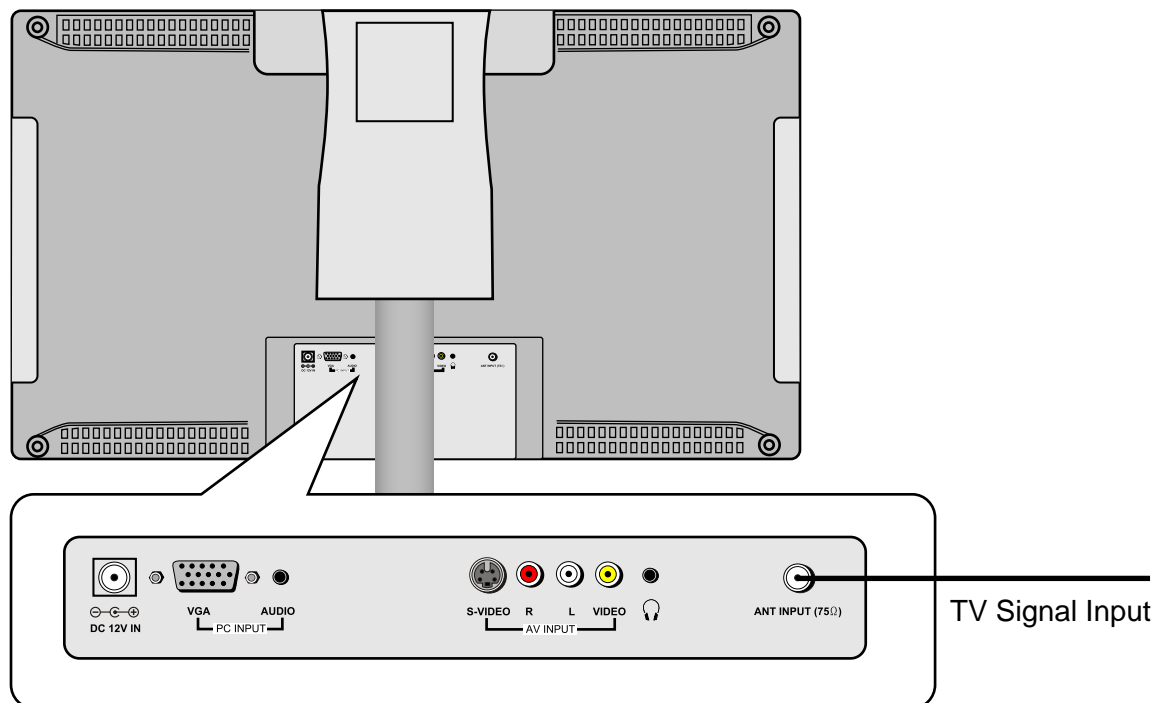
After connecting, press the SOURCE button on the remote control to shift to TV mode.

System Connections

Connecting To Power Adapter

Power is supplied through the provided appropriate power adapter, one end of which is connected to the DC+ 12V IN jack on the rear panel, another to wall outlet with AC100-240V. (See to the picture below).

AC 110-240V
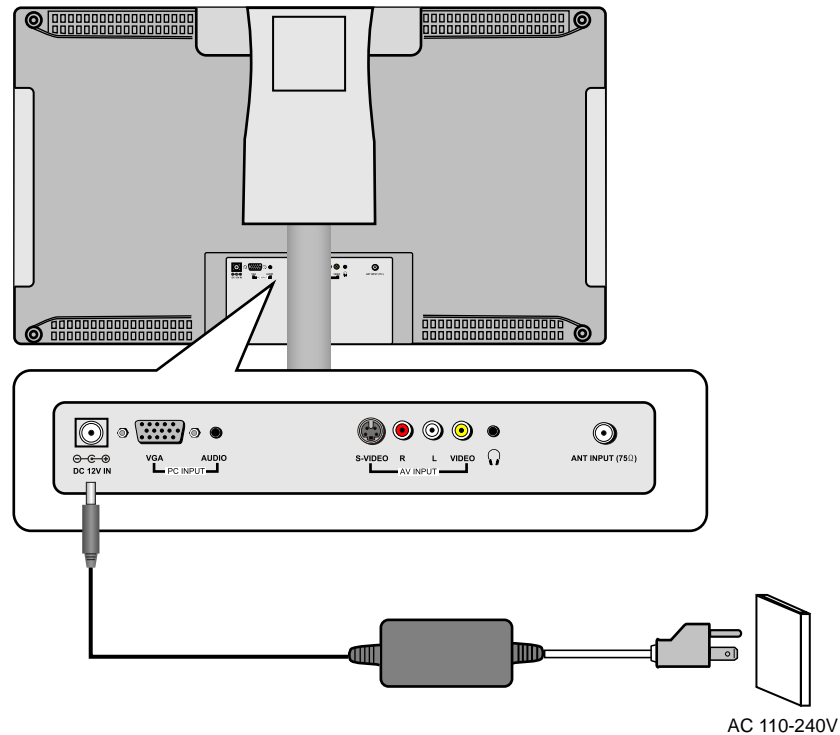
Connecting To a Headphone

Plug the headphone to the jack on the rear panel of the unit. As the headphone is plugged in, the internal speakers will cease operation.
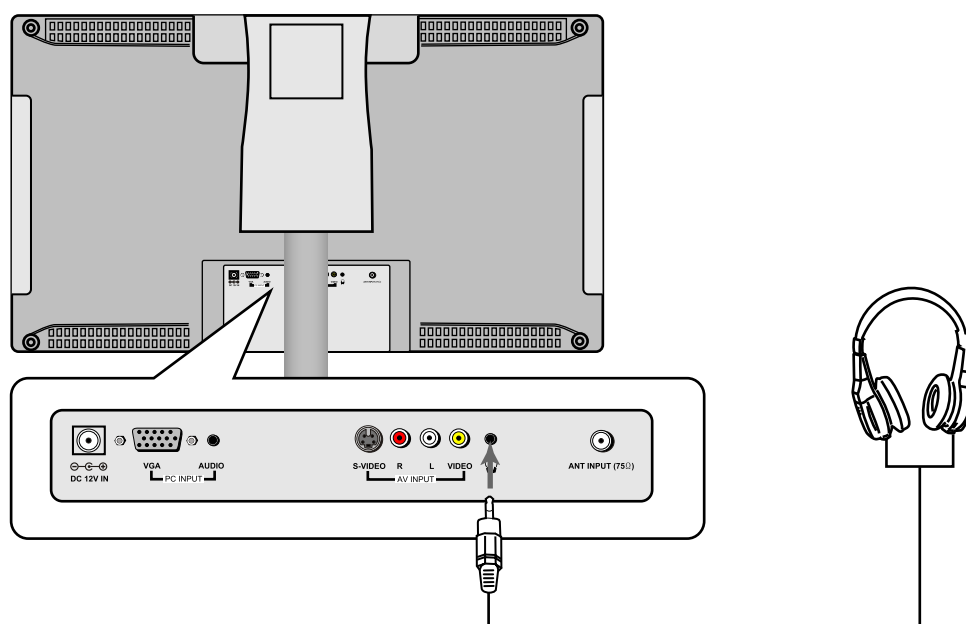
TV Function

Basic Operation

Connect the antenna to the antenna jack on the unit rear panel.

After connection, connect the power supply cord. If the player is in standby mode, press the POWER button to turn on the power.

Press the SOURCE button to select the TV mode.

Press the ▲,▼ (direction buttons) on the remote control, or use the number buttons directly, to select the channel that you wish to view.

You are recommended to take through the following steps when the device is for the first time in operation.

General Setup

Press the LCD SETUP button three times repeatedly on the remote control to access the TV setup menu and select correct colour and sound system.
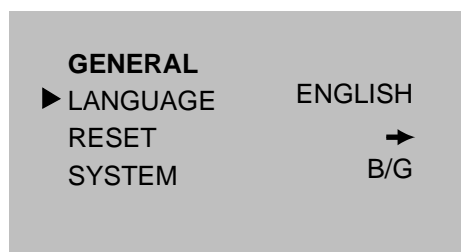
```
        GENERAL
      ▶ LANGUAGE        ENGLISH
        RESET                 ➡
        SYSTEM            B/G
```

In this menu, use the ▲,▼ buttons to select items you want to set, press the ▶,◀ buttons to select, press the OK button to exit from the menu.

Language

Press the ▲,▼ buttons to select the menu language.

Reset

Select RESET to resume the default status.

◆ Under TV mode, select "RESET" in setup menu, press the ▶ button, then the multiple Parameter set up in LCD setup menu will resume to the original status.

SYSTEM

Use the ▲,▼ button to highlight SYSTEM item. Use the ▶,◀ button to select B/G, M, L, D/K and I. The system may be varied depending on the state the product soled.

TV Function

Picture Parameter setup

Press the LCD SETUP button once on the remote control to enter picture setup menu, and OSD display as below:

```
        PICTURE
    ▶ BRIGHT          055
      CONTRAST        050
      SATURATION      070
      HUE             050
      SHARPNESS       000
```

Use the ▲,▼ buttons to move cursor to the item you want to set (Bright, Contrast, Saturation, Hue and Sharpness).
Use the ▶,◀ buttons to select the desired values.
Press the OK button on the remote control to exit from the setup menu.

TV System Setup

Before you go on with searching channel, please set the colour and sound mode into your local radio station mode in the general setup menu.
Press the LCD SETUP button twice repeatedly on the remote control to enter tuning setup menu, and OSD display as below:

```
        TUNING
    ▶ CHANNEL           001
      AFC               ON
      SKIP              OFF
      SWAP              001
      SEARCH            ▶▶▶
      FINE TUNING       ▶▶▶
      AUTO MEMORY       ➡

      VHF-L             7%
      ▬▬▬▬▬▬
```

In this menu, use the , buttons to select items you want to set, press the , buttons to select, press the OK button to exit from the menu.

Channel

To display the current channel number. Use the ▲,▼ buttons to select CHANNEL, use the ▶,◀ buttons to change the number.

AFC

Auto Frequency Control. Use the ▲,▼ buttons to select AFC, press the ▶,◀ buttons to select ON or OFF. Select ON, the player will automatically fine turn the frequency.

TV Function

Skip

Use the ▲,▼ buttons to select SKIP, press the ▶,◀ buttons to select ON or OFF.

When select ON, it will skip the current channel when using the ▲,▼ buttons to select channels under normal playback status.

When select OFF, it will play the channels in sequence when selecting under normal playback status.

Swap

Use the ▲,▼ buttons to select SWAP, press the ▶,◀ buttons to change the channel number.

Then press the ▲,▼ buttons to confirm, the current channel will change to the selected channel.

Search (Semi-auto. Searching)

If the tuning can't find a certain station, you can use the Search for Semi-auto. Searching, during the searching, the unit will search for channel downward or upward. If it searches a channel, it will stop searching automatically.

Press the ▲,▼ button to move cursor to Search item.

Press the ▶,◀ button to search the TV program in higher or lower frequency, until the unit searches the desired program. Press the ▶,◀ buttons again or OK button to stop searching.

Fine Tuning

Press the ▲,▼ button to move cursor to FINE TUNING.

Press the ▶,◀ buttons to fine tune forward and backward.

Sometimes activate the function to get the better effects. When fine tuning, the AFC will turn OFF automatically.

Auto Memory

Press the ▲,▼ button to move the cursor to "Auto Memory".

Press the ▶ direction buttons to enter auto memory mode, and screen will display as below:

SEARCHING	CH: 001
EXIT: ◀	
VHF-L	22%
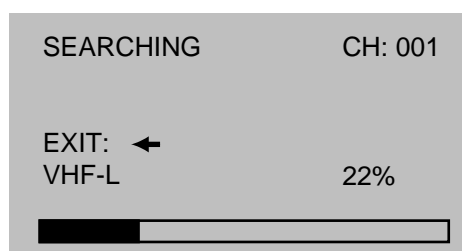
The auto memory needs a few minutes, just wait patiently, when tuning operations completes the unit will exit and memorise the programs by sequence.

During tuning, press the ◀ button to exit the auto memory as the programs selected and the unit will memorise them automatically.

AV Function

The player has AV functions. You can enjoy programs from external input sources when you turn the SOURCE button on the remote control. Change to AUX or S-VIDEO mode after connecting to an AV signal source such as recorder, vidicon, satellite receiver or game player etc.

After connecting to the external AV signal source, turn on the power of the unit, and press the SOURCE button on the remote control to shift to the corresponding mode, and then you can go on with following setup:

Picture Parameter setup

Press the LCD SETUP button once on remote control to enter picture setup menu, and OSD display as below:

PICTURE	
▶ BRIGHT	055
CONTRAST	050
SATURATION	070
HUE	050
SHARPNESS	000

Use the ▲,▼ button to move cursor to the item you want to set (Bright, Contrast, Saturation, Hue and Sharpness).
Use the ▶,◀ button to select the desired values.
Press the "OK" button on the remote control and exit from the setup menu.

General Setup

Press the LCD SETUP button on the remote control three times to display the general setup menu.

GENERAL	
▶ LANGUAGE	ENGLISH
RESET	➡

Use the ▲,▼ button to highlight Language item.
Use the ▶,◀ button to select menu language.
Select RESET and press the ▶,◀ buttons to resume the default status.

Computer Screen Function

You can use the unit's TFT LCD as your computer's monitor. Access the computer setup menu and take the steps shown as below:

1. Please turn off the power of the unit and the computer. Connect the unit to the computer VGA jack with the VGA cable.
2. Turn on power of this unit and the computer. If the unit is in standby mode, press the POWER button to switch on.
3. Press the SOURCE on the remote control to select the "PC" mode;

Press the LCD SETUP button once on the remote control to access the PC's setup menu:

PICTURE	
▶BRIGHT	055
CONTRAST	050
AUTO	➡
PHASE	000
CLOCK	100
H.POSITION	041
V.POSITION	039

Press the ▲,▼ button to highlight Bright, press the ▶,◀ button to adjust the desired value
Bright: You can adjust the picture brightness.
Contrast: You can adjust display zone contrast suitable to your environment condition.
Auto: select to automatically adjust the display zone horizontally, vertically and picture quality.
Phase: You can adjust the picture quality.
Clock: You can enlarge or reduce the display zone horizontally.
H. Position: You can adjust the display zone left and right horizontally.
V. Position: You can adjust the display zone up and down vertically.

Press the LCD SETUP button twice repeatedly to access to general setup menu..

GENERAL	
▶LANGUAGE	ENGLISH
RESET	➡
COLOR R	050
COLOR G	050
COLOR B	050
1280 x 1024 60Hz	

Press the ▲,▼ button to highlight the selecting items, press the ▶,◀ button for setting.
Language: You can select the PC menu language.
Colour R, Colour G, Colour B: used to adjust the colour level of red, green and blue.
Reset: Select the item; press the ▶ button, then all functional setup in LCD setup menu will return to the original mode.
NOTE: You had better set the PC's resolution: 1280 x 1024@60Hz.

Play Operation

Preparation: After all connections have been made, turn on the unit and select the relevant video input.

Disc Loading Steps:

1. Press the POWER button on the front panel of the unit. The player will search for a disc and play it automatically.
2. Handle the disc with the printed side facing upward vertically from the disc tray. (Referring to the below picture.)
3. Put the disc slightly into the disc tray.
4. The disc will be taken automatically into the tray. "Loading "will be highlighted on the screen and playback will begin.

Label Side
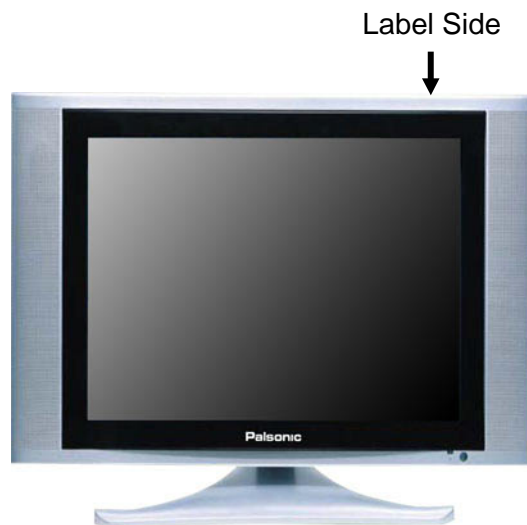
Warning: Do not play poor quality discs that may damage the player's lens.

DVD Playback

Menu

Normally there is a selecting menu for DVD discs. You can press the MENU button to enter the menu, and use the direction buttons to highlight an item you would like to select. Press the OK button to select it.

Title & Chapter

Normally there are several titles in a DVD disc, and several chapters (sections) in a title. You can select any title or chapter quickly by entering the relevant number.

Region Code

The DVD player's Region code is 4.

Play Operation

Language (Audio)

There can be up to 8 audio languages on a DVD disc. When you play a multi-language DVD disc you can use the AUDIO button on the remote control to select a language.

Subtitle

The DVD player can support multiple kinds of subtitles. When you play a multi-subtitle disc you can use the SUBTITLE button to select different subtitles.

Various Camera Angles

The movies on some DVDs have been recorded from various camera positions. This lets you enjoy the same scene from different perspectives. In this case you'll usually find a marking on the DVD sleeve.

When playing a DVD containing various camera angles the camera symbol appears on the screen:
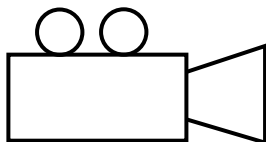
Press the ANGLE button repeatedly until the desired perspective is shown. The picture will be adjusted in 1-2 seconds.

Volume

During playback, press the VOL+ button to increase the volume and press the VOL- button to decrease the volume.

CD Playback

The player will play all tracks on a CD disc by default. You can use the ◄◄ and ►► (PREV/NEXT skip) buttons, or the number buttons to select a track.

Play Operation

JPEG Playback

JPEG is a common picture format that requires small amounts of storage per image and has low loss in resolution. Hundreds of pictures can be stored on a disc in this format. In order to view JPEG photo albums, you can ask your film development company to make a "PICTURE CD" when they develop your film.

Normal Playback

Load a JPEG disc in. For JPEG disc, there will be a root menu displayed on the screen. Use the OK button and the Left/Right direction button to select a submenu with picture, and then use the Up/Down direction button to select the contents. Many discs have other contents besides pictures. For Picture CD disc, it will display the pictures automatically.

During playback, press the ◄◄ or ►► button to select picture.

Picture Rotation

This can be used only when the picture is normally displayed. Once another picture is selected, rotation will be cancelled automatically.

During playback you can use the direction buttons to rotate the picture.

Zoom and Move of Picture

The ZOOM button is used to turn on/off the zoom function and the move function.

During zooming status, you can use the direction buttons to move the picture.

During playback, press the STOP button to return to the previous menu.

◆ Some JPEG discs may not support rotation or zooming function.

Playback Functions

Stop

Press this button once to stop playback and then press PLAY button to resume it. Press the button twice to stop playback completely.

Pause

Press the PAUSE/STEP button to pause playback or start step frame by frame playback.

Repeat

1.Use the REPEAT button to repeat a chapter (section), a title, a track or a disc, and also to cancel repeat.

2.Use the A-B button on the remote control to repeat a section A to B. The player can repeat any section A-B. Press once to set the starting point A, the second time to set the ending point B, and the third time to cancel repeat.
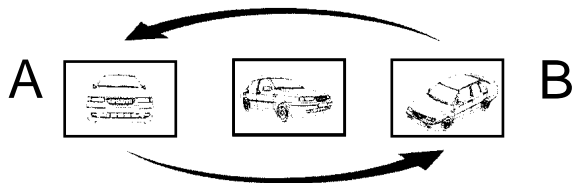
◆ Some discs do not support the repeat function.

Search By Time

You can use the GOTO button on the remote control to search by time, namely to play from a specific time.

Press the GOTO button to display a menu, and uses the direction buttons to select Time, Title or Chapter. Use the number buttons to input the time (hour, minute, and second) and the,

player will play the chosen titles or chapter from the inputted time. Press the GOTO button once again to exit from the preview window and menu.

◆ Some DVD discs do not support the search function.

Fast Playback

Press the fast FWD/REV SCAN button on the remote control to activate fast forward or rewind.

Slow Playback

Press the SLOW button to activate slow forward.

◆ There is no slow playback for CD discs.

Play

Press the PLAY button to start playback. Press the POWER button on the remote control to enter standby status, and press it again to resume playback.

Zoom

Use the ZOOM button on the remote control to achieve several zoom effects.

Press the ZOOM button once to achieve the following zoom sequence, Q2-Q3-Q4-Qoff.

◆ There is no zoom function for CD discs.

Playback Functions

Programming Chapters / Tracks

You can store up to 12 chapters of a DVD (or 12 tracks of a CD) in an individually programmed order. Please proceed accordingly:

DVD: Insert the DVD disc and under stop mode, press the PROG button. The screen shows:

```
Program Input              Title/Chapter

1_ _  _ _4_ _  _ _7_ _  _ _10_ _  _ _
2_ _  _ _5_ _  _ _8_ _  _ _11_ _   _ _
3_ _  _ _6_ _   _ _9_ _  _ _12_ _   _ _

   Play Program              Clear All
```

Use the direction buttons to select the sequence number, then use the number buttons to input the title number and chapter number. During inputting, use the CLEAR button to clear the incorrect input. After inputting, Press the direction buttons to move cursor to the "Play Program", and then press the OK button to start programming playback. Select the Clear All to clear all input. Press the PROG button again to exit. During playback, press the STOP button to stop programming playback.

CD: Insert the CD and under stop mode, press the PROG button. The screen shows:

```
Program Input

1_ _ _    4 _ _ _    7_ _ _    10_ _ _
2_ _ _    5_ _ _     8_ _ _    11_ _ _
3_ _ _    6_ _ _     9_ _ _    12_ _ _

   Play Program            Clear All
```

Use the direction buttons to select the sequence number, then use the number buttons to input the title number and chapter number. During inputting, use the CLEAR button to clear the incorrect input. After inputting, Press the direction buttons to move cursor to the "Play Program", and then press the OK button to start programming playback. Select the Clear All to clear all input. Press the PROG button again to exit. During playback, press the STOP button to stop programming playback.

Playback Functions

Switching On and Off, Stand-by

Connect the main cord to a wall outlet with a voltage corresponding to the specifications on the rear panel of the unit.

1. Press the POWER button on the upside panel to switch on the unit. You can operate all functions using the remote control (r/c). Additionally, many functions have buttons at the unit as well.

2. Press the SOURCE button to shift to DVD-Mode.

If no disc is inserted yet, the display shows:

NO DISC

3. To set the unit into standby mode press the POWER button on the r/c. In standby mode the unit is supplied with main voltage but not active. In this condition you can switch on the unit using the POWER button on the r/c.

4. Correctly put the disc into the disc tray.

Label Side
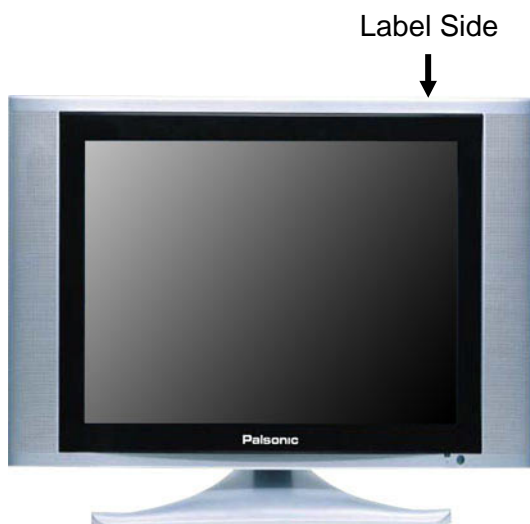
5. Playback starts automatically, usually DVD discs now shows a menu to choose from. You can control this menu with the direction buttons.
Mark the desired option and press the OK to activate it. Mostly you find additional information about the DVD's content on its sleeve.

6. To interrupt playback press the STOP once. The screen shows "Press Play Key To Continue". So the player memorizes the location where the playback was stopped. Press the PLAY button to resume playback there.
But if you press the STOP button twice the unit completely stops and won't remember the last position.
Maybe not all discs support "resume play".

If this symbol appears on the screen while pressing a button the unit can't carry out the desired function, cause it's not supported by either the DVD inserted or the current operating mode.

System Setup

Setup Menu

You can change the default settings to your own preference.

Press the `DVD SETUP' button on the remote control to display the settings menu. The menu includes Language Setup, Video Setup and Rating setup. Press the Right/Left direction buttons (◄ ,►) on the remote control to select a category. All the items in the category will appear on the screen.

Language	Video	Rating
OSD Menu	English	
Subtitle	Off	
Audio	English	
Disc Menu	English	
Close Caption	Off	

Language Setup

Press the DVD SETUP button to enter the setup menu, use the UP/DOWN direction buttons (▲ ▼) to select folders. Press the OK button to enter. The screen will display as the following:

Language	Video	Rating
OSD Menu	English	English
Subtitle	Off	Francais
Audio	English	Espanol
Disc Menu	English	Italiano
Close Caption	Off	Deutsch

In the folder, Use the UP/DOWN direction buttons (▲ ▼) to select items. Press the OK button to confirm selection and return.

OSD Menu

There are several OSD menu languages that can be selected.

Subtitle

You can select several different languages or OFF. Select OFF and no subtitle will be displayed on the screen.

Audio

There are several Audio languages available for selecting.

System Setup

Disc Menu

There are several different disc menu languages available for selecting.

Close Caption

You can select captions On or Off during playback.

Video Setup

Press the Right direction button (▶) to select Video setup menu, the screen will display as the following:

Language	Video	Rating
TV Display		**Wide**
Angle Mark		**Off**
Screen Saver		**On**

In the Video setup menu, use the UP/DOWN direction buttons (▲ ▼) to select folders. Press the OK button to enter. Use the UP/DOWN direction buttons (▲ ▼) to select items. Press the OK button to confirm selection and return.

TV Display

The program's screen format is fixed by the DVD. Please note that this format might not necessarily match your TV's screen format.

Normal/PS (PAN SCAN): Choose this mode when your TV set has 4:3 screen format. The picture will fill the screen but the right and left portion will be cut.

Normal/LB (LETTER BOX): Choose this mode when your TV set has 4:3 screen format. The picture will appear in its entire width but framed by black bars at the top and the bottom.

Angle Mark

If this function is available, a camera symbol will appear on the screen when various angles are available on the DVD. Choose "Off' and no camera symbol will appear.

Screen Saver

When selected on to activate the screen saver function.

System Setup

Rating Setup

Press the Right direction button (▶) to select Rating setup menu, the screen will display the following:

Language	**Video**	**Rating**
Password		- - - - 🔒
Rating		**8. Adult**
Load Factory		**Reset**
Last Memory		**Off**

Password

Parental control features are password protected.

Use the number buttons to input 3308, then press the ▼ button to select Rating. Press the OK button to select the rating level, then press the ▲ button to select the Password, use the number buttons to input a new password, press the OK button again, the " 🔒 " will be displayed on the screen.

NOTE: The default password is 3308. You can use the 3308 or the new password you input to enter the Rating level selecting mode.

Rating

DVD's that are equipped with the child lock function are rated according to their contents and settings vary from disc to disc. Depending on the disc, you can replace or lock out violent scenes, or lock out playback of the disc altogether. Access the parental controls on the sub-menu by pressing the direction buttons (◄ ▲ ▼ ▶) on the remote control, then press the OK button. An interactive menu will appear on the screen.

Load Factory

Select the item and press the OK button to reset all settings, it will return to the original status.

Last Memory

Use the UP/DOWN direction buttons (▲ ▼) to select On or Off. Press the OK button to confirm and return.

System Setup

LCD Setup Menu

After connection, you also can go on with some other setups for your preference, please take the below steps:

Turn on the power of the player and press the SOURCE button on the remote control or front panel to shift to DVD mode.

Picture Parameter Setup

Press the LCD SETUP button on the remote control once, the screen display as below:

```
     PICTURE
  ▶ BRIGHT          055
    CONTRAST        050
    AUTO            ➡
    PHASE           000
    CLOCK           100
    H.POSITION      041
    V.POSITION      039
```

Press the ▼,▲ button to highlight Bright, press the ▶,◀ button to adjust the desired value.

Bright: You can adjust the picture brightness.

Contrast: You can adjust display zone contrast suitable to your environment condition.

Auto: select to automatically adjust the display zone horizontally, vertically and picture quality.

Phase: You can adjust the picture quality.

Clock: You can enlarge or reduce the display zone horizontally.

H. Position: You can adjust the display zone left and right horizontally.

V. Position: You can adjust the display zone up and down vertically.

General Setup

Press the LCD SETUP button twice repeatedly to access to general setup menu.

```
     GENERAL
  ▶ LANGUAGE      ENGLISH
    RESET           ➡
```

Press the ▼,▲ button to highlight the selecting items, press the ▶,◀ button for setting.

Language: You can select the menu language.

Reset: press the ▶ button, then all functional setup in LCD setup menu will return to the original mode.

Troubleshooting

SYMPTOM	CHECK ITEM
The player cannot play.	Make sure disc tray is closed Make sure disc is loaded in. Make sure disc is loaded correctly. Make sure disc is not dirty or warped. Make sure the player's region code is the same as region code of DVD disc. Make sure water condensation has not occurred. Take out disc and leave the player on for at least one hour when water condensation occurs.
There is no sound.	Make sure system connection is correct. Make sure the power of speakers is turned on. Make sure the sound setup of DVD disc is correct. Make sure disc is not dirty or warped. Clean or replace the disc.
There is no picture or the picture moves up and down Unsteady.	Make sure the unit is turned on and is in correct video mode. Make sure system connections are correct. If it is not, access the setup menu and select the correct system.
Cannot continue to play and play a section repeatedly.	Make sure it is not in A-B repeat status. Press A-B button to cancel it. Make sure disc is not dirty or damaged. Clean the disc or skip selection.
The remote control does not work.	Make sure there are no obstructions between the remote control and the player. Make sure the remote control is pointing at the player. Make sure batteries are inserted and the polarity is correct. Make sure battery is not weak. Replace the weak battery.

Other Notes:

Static or other external interference may cause the player to behave abnormally. In this occurrence, unplug the power-supply cord from the outlet and plug it in again to reset the player. If the problems persist, then please disconnect the power and consult a qualified technician.

Specifications

TFT-LCD Screen Size	17 inches
Laser Wavelength	Wavelength: 780/650nm
Power	AC100-240V, 50/60Hz DC 12V
Power Consumption	< 60W
Dimension without speakers	485mm x 333mm x 350mm
Weight	About 7.35 Kg

DESIGN AND SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

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