

Palsonic

DVD2045DX



OPERATION MANUAL

System and Outputs

VF Signal system	NTSC/PAL
Frequence response	CD: 20Hz-20KHz(EIAJ) DVD:20Hz-44KHz(96KHz)(Sample result) 20Hz-22KHz(48KHz)(Sample result)
Audio S/N ratio	>90 dB
Video/Picture	MPEG1 V2.0; MPEG2
Audio	MPEG LAYER2 stenderd
Audio output (analog audio)	Electric level output: 1.0 ~ 2.0V Resistance: 10KS
Audio output (digital audio)	Electric level output: 0.5 Vp--p Resistance: 75S
Video output	Electric level output: (1.0±0.2) Vp--p Resistance: 75S Unbalanced negative
S-Video output	Electric level output: Brightness(Y)1.0Vp--p Resistance: 75S Chrominsnce (C): 0.286Vp--p, Resistance:75S
Component video (Y, CB,CR)	Electric level output: 0.7Vp--p resistance: 75S

Note: We reserva the right to modify the design without advicel



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.



The symbol for CLASS II (Double Insulation).

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

CAUTION: When replace the direct plug in power supply or a separabilia, cord-connected power supply, the replacement must be exact duplicate, or one recommended by the manufacturer.

TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.

This product utilizes a laser.
Use of controls or adjustments or performance of procedures other than those specified here in may result in hazardous radiation exposure.
Do not open the cover and do not repair yourself. Refer servicing to qualified personnel.

DANGER/Visible and invisible laser radiation when open and interlock defeated. Avoid direct exposure to beam.

CAUTION: PLEASE READ AND OBSERVE ALL WARNINGS AND INSTRUCTIONS GIVEN IN THIS MANUAL AND THOSE MARKED ON THE UNIT. RETAIN THIS BOOKLET FOR FUTURE REFERENCE.

This set has been designed and manufactured to assure personal safety. Improper use can result in electric shock or fire safeguards incorporated in this unit will protect you if you observe the following procedures for installation, use and servicing. This unit is fully transistorized and does not contain any parts that can be repaired by the user.

DO NOT REMOVE THE CABINET COVER OR YOU MAY BE EXPOSED TO DANGEROUS VOLTAGE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL ONLY.

1, read these manuals

After unpacking this product. Please read the manual, operating and other instructions carefully.

2, openings in the cabinet are provided for ventilation and to ensure operation of the product. These openings can protect it from overheating. These openings must not be covered. The product should never be placed in the Bed, sofa, rug or other .

3, it should be situated away from heat sources radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

4, moisture product near water ,for example, near a bowl, kitchen sink, or laundry tub, in a wet a swimming pool.

5, Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a dry **6, power-cord protection** cords should be routed so that they are not likely to be walked on or pinched by items placed upon.

7 For added protection for this product during storm, or unattended and unused for long periods unplug it from the wall outlet. This will prevent product from lightning . **8, object and liquid entry**

objects of any kind into this product or liquid of any kind on the product. may touch dangerous voltage points and parts of that could result in a fire or short circuit.

9, attachments not recommended by the manufacturer as they may cause hazards.

10, This product on an unstable cart, stand, or table. The product may fall, causing a child or adult, and serious damage . only with a cart, stand, tripod, bracket, or recommended by the manufacturer, or sold with the product. Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer. A product and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the product and cart combination to overturn.



11. Disc tray

Keep your fingers well clear of the disc tray as it is closing. Neglecting to may cause serious personal injury and damage to the product.

12. Burden

Do not place a heavy object on or step on the product. The object may fall causing serious personal injury and serious damage to the product.

13. Damage Requiring Service

Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:

- a) When the power-supply cord or plug is damaged.
- b) If liquid has been spilled, or objects have fallen into the product.
- c) If the product has been exposed to rain or water.
- d) If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.
- e) If the product has been dropped or damaged in any way.
- f) When the product exhibits a distinct change in performance - this indicates a need for service.

14. Servicing

Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

15. Replacement Parts

When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.

16. Safety Check

Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.

Please check the following guide for the possible cause and solution for a problem before contacting the nearest service center or dealer for repairs.

SYMPTOMS AND CORRECTIONS

SYMPTOMS	CORRECTIONS
No power	Check to make sure that the power connection is secure.
No picture	Make sure the connection between the player and the TV is secure.
	Pls press "V.MODE" button continuously until it appears normal picture.
	Make sure the connection between the player and other devices are secure.
No sound	Make sure that the TV and AMP are in good working condition and setup properly.
Failed to Play	Check that the disc is properly inserted.
	Clean the disc.
Failed to respond to remote control	Remove obstacles between remote control and unit.
	Aim remote control at the sensor on the front panel
	Check batteries and replace them if necessary.
Picture Disturbance	Check the disc for dirt and scratches Clean or replace disc.
	Shut down the unit, wait ten seconds, and restart the unit.
Failed to work with keys	Power surges or brown outs or other electrical phenomena. Shut down the unit, wait ten seconds, and restart the unit.

5.3 SUBTITLE

SUBTITLE: Sets the preferred subtitle language as the default when playing DVD. (If DVD support these languages)



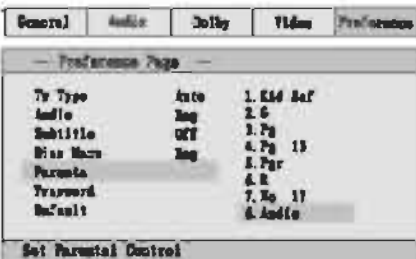
5.4 DISC MENU

DISC MENU: Sets the preferred menu language as the default when playing DVD. (If DVD support these languages)



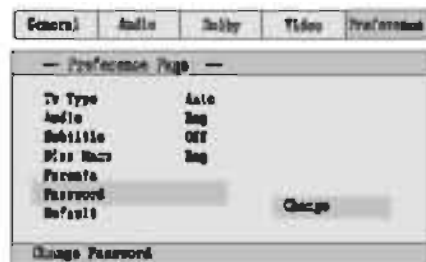
5.5 PARENTAL

PARENTAL: The parental control function works in conjunction with the different censorship classes assigned to DVDs. These classes help to control the types of DVDs that the family watches. There are up to 8 censorship classes for DVDs.



5.6 PASSWORD MODE

PASSWORD CHANGE: You can change the password: please type 6 numbers as new password.
Note: Be sure remember new password.



Note: If you change this set, you must input password (initial password : 1234)

5.7 DEFAULT

DEFAULT: Resets to all the manufacturer's original settings for this DVD player(except password). Press ENTER/PLAY to perform the reset.



NOTES ON HANDLING

- The top and rear panels of the unit may become warm after a long period of use. This is not a malfunction.
- When the unit is not use, be sure to remove the disc and turn off the power.
- If you do not use the unit for a long period, the unit may not function properly in the future. Turn on and use the unit occasionally.
- Do not place foreign objects on the tray.

LOCATION

- Do not locate the unit in places such as:
- Near heating devices or in enclosed car.
 - High temperature (40 °C or higher) or high humidity (90% or higher).
 - Dirty places.
 - Avoid direct exposure to sunshine

DISTURBANCE

When you place this unit near a TV, radio or VCR the playback picture may become poor and the sound may be distorted. In this case, place the unit away from the TV, radio or VCR.

NOTES ON MOISTURE CONDENSATION

The pickup may be condensed with water under the following situation.

- When you bring the unit directly from a cold place to a warm place.
- When you use the unit in a room where you just turned on the heater, or a place where the cold air from the Airconditioner directly hits the unit.
- During the summer, when you use the unit in a hot and humid place just after you move the unit from an air conditioned room.
- The room is vaporous or damp.

If condensation exists, the unit will not operate properly. Remove the disc, connect the power cord of the unit to the wall outlet, turn on the unit, and leave it for two or three hours. After two or three hours, the unit will have warmed up and evaporated any moisture. Keep the unit connected to the wall outlet and moisture condensation will seldom occur.



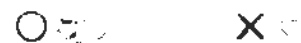
ON HANDLING DISCS

- Do not touch the playback side of the disc.
- Do not attach paper or tape to disc.



ON CLEANING DISCS

- Fingerprints and dust on the disc cause picture and sound deterioration. Wipe the disc from the centre outwards. With a soft cloth. Always keep



- If you can not wipe off the dust with the disc lightly with a slightly moistened soft cloth and finish with a dry cloth.
- Do not use any type of solvent benzene, commercially available antistatic spray for vinyl/LPs. It may damage

ON STORING DISCS

- Do not store discs in a place subject or near heat source.
- Do not store discs in place subject dust such as a bathroom or near humidifier.
- Store discs vertically in a case. Stacking object on discs outside of their case may cause warping.

STRUCTURE OF DISC CONTENTS

Normally, DVD discs are divided into titles, and the titles are sub-divided into chapters. Audio CD are divided into tracks.



Each title, chapter, or track is assigned a number, which is called title number, chapter number or track number respectively. There may be discs that do not have these number.

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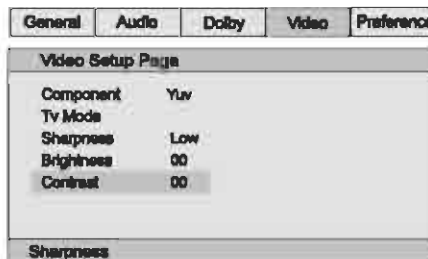
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Press LEFT / RIGHT button to adjust, then press ENTER/PLAY button to confirm and return upon menu.

4.5 CONTRAST

CONTRAST: Sets the contrast level of Video output.



Press right button the TV will display below.



Press LEFT / RIGHT button to adjust, then press ENTER/PLAY button to confirm and return upon menu.

5. PREFERENCE SETUP PAGE

The preference setting is active only when no disc, and the setting is effective on each time power on till exchanging the saved setting.

5.1 TV TYPE

TV TYPE: This player supports different TV output, including MULTI(Auto), NTSC, and PAL systems.

- If your TV support only NTSC or PAL and had you inadvertently selected the wrong TV type, the TV screen will become flickering and black-end-white. In this case, you should press the SETUP button to set as following Note.



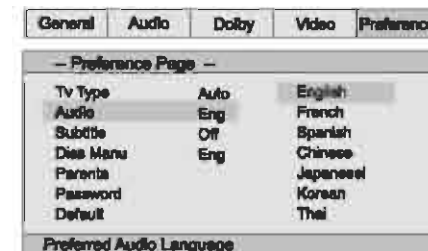
Note: How to Set the TV Type?

- You may switch the NTSC/PAL setting of the DVD player to match the video signal of your TV.
- The table below shows what kinds of disc are compatible with each setting (MULTI, PAL and NTSC)

Type	Format	Output Format		
		Selected TV System Mode		
		NTSC	PAL	MULTI
DVD	NTSC	NTSC	PAL	NTSC
	PAL	-----	PAL	PAL

5.2 AUDIO

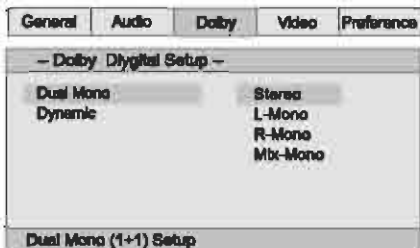
AUDIO: Sets the preferred audio language as the default when playing DVD. (IF DVD support these languages)



3. DOLBY DIGITAL SETUP PAGE

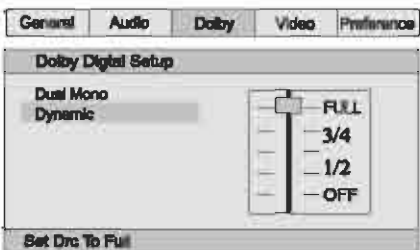
3.1 DUAL MONO

DUAL MONO: If your amplifier / decoder has Dolby Digital output, you may select stereo, left mono, right mono, or mixed mono mode for your amplifier decoder.



3.2 DYNAMIC

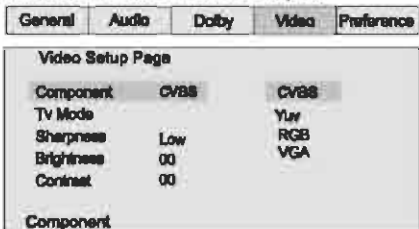
DYNAMIC: This function is generally used when playing high volume programs at night, in order not to disturb the neighbor. This setting can dynamically lower the volume and still keep the original tone quality. This is the range, measured in decibels (dB), between the loudest and the quietest sound registers in a soundtrack.



4. VIDEO SETUP PAGE

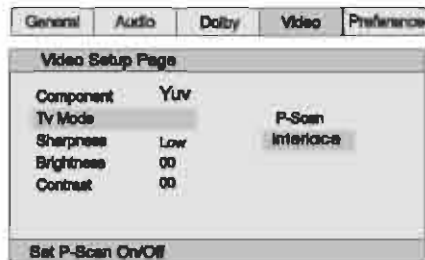
4.1 COMPONENT

COMPONENT: Sets the video output.



4.2 TV MODE SETUP PAGE

TV MODE: Sets the scan mode to same of your TV. If there are picture interferences or no picture, please press "V.MODE" to correct it.



4.3 SHARPNESS

SHARPNESS: Sets the sharpness level of video output.



4.4 BRIGHTNESS

BRIGHTNESS: Sets the brightness level of video output.



Press right button the TV will display below.

BEFORE USE

SETTING THE TV SCREEN SIZE

Multi-aspect ratio suit to different TV screen size.

TV screen / Film format	4:3			16:9
	Normal	Full view	Mailbox	Wide screen
4:3				
16:9				

Functions supported by DVD discs

There are many functions available on DVD discs and the functions vary per player and per manufacturer.

	Regional code and signal system		Picture proportion modes
	Dolby digital surround sound		Parent lock
	Number of languages		Angles for
	Subtitle languages		Closed Caption

ACCESSORIES

- Audio/Video cable 1
- Remote control 1
- Owner's manual 1

Preparations

If you want to view a disc, turn on the TV and select the video input, and connect to the DVD player

Basic playback

1. Press POWER switch on the front panel to turn on, and the TV screen will display log. The LED will display NO DISC if the DVD player has no disc in the tray. If a disc is already in the tray, it will begin to play the disc.
2. Press OPEN / CLOSE to open the disc tray, place a disc on the disc tray. There are two different disc sizes. Place the disc in the correct guide on the disc tray. If the disc is off the guide, it may damage the disc and cause the DVD player to malfunction. Do not place a disc which is unplayable in this DVD player.
3. Press OPEN/CLOSE to close the disc tray, the playback will automatically start. Some discs may not playback automatically, you can press ENTER/ PLAY button to start playback, and also you may start playback with a menu, cursor button on the remote controller, select menu options and press ENTER/PLAY or press figures to select a menu options.

Stop playback

1. Press the button to go to stop mode, the TV screen will show the start logo, as some disc the player can recall the location where stopped,
2. Press ENTER/ PLAY to playback to resume playback from the location where playback is stopped or from the beginning of the disc.
3. Press STOP twice to stop completely.

Previous and Next

During playing, press PREV key can back to start of this chapter, then each press this key will skip a chapter still the start of the disc. Each press of NEXT key during playing will skip the current chapter and play the next one.

Fast forward and Fast reverse

1. Press F.FWD to fast forward through the disc. Each time the F.FWD button is pressed, the fast forward motion speed changes.
2. Press ENTER/PLAY to resume normal playback.
3. Press F.REV to fast reverse through the disc. Each time the F.REV button is pressed, the fast reverse motion speed changes.
4. Press ENTER/PLAY to resume normal playback.

Pause/Step playback

1. Press PAUSE/STEP to first time to pause playback (still mode). The sound will be muted during still mode.
2. Press PAUSE/STEP to continuous to single step forward to the next frame in the video.
3. Press ENTER/PLAY resume normal playback.

Standby function:

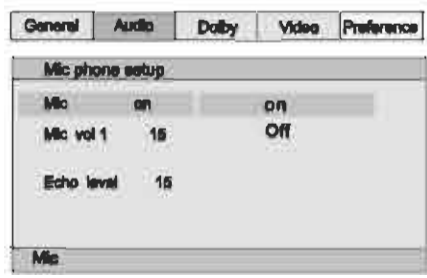
- Under status of Non-disc or Stop, the DVD player will automatically enter into standby status after 25 minutes. Now press STANDBY key on the remote control to restart the DVD player.

NOTES:

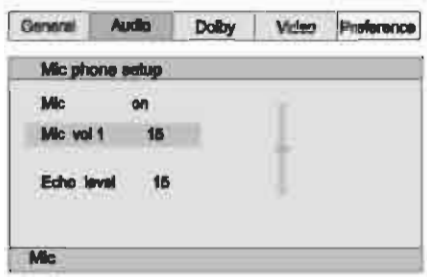
1. * may appear on the TV screen during operation, A* means that the operation is not permitted by the unit or the disc.
2. This unit controlled by CPU under setting mode, there may be screen save; press any key to activate the unit.

(OPTIONAL)

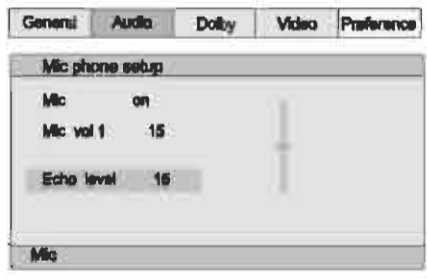
2.3 MIC SETUP



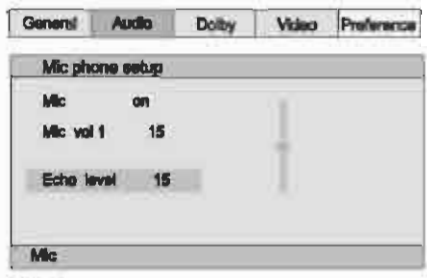
Use right arrow button to select status of the karaoke may set to be AUTO or OFF



You can use up/down buttons to increase or decrease the karaoke 1 volume.



You can use up/down buttons to increase or decrease the echo lever.



Notice:

1. you can press 'ECHO+' or 'ECHO-' on the remote control to set up the microphone
2. when you are playing mp4 microphone is not working

1.5 Screen Saver

General	Audio	Dolby	Video	Preference
- General Setup Page -				
Tv Display	Pa			
Angle Mark	Off			
Out Lang	Eng			
Spdif Output			On	
Captions	Off			
Screen Saver	Off	Off		
Screen Saver				

Screen Saver: When the unit is in stop mode, a moving picture will appear several minutes later if screen saver is set on. Screen saver will protect the TV screen.

2. SPEAKER SETUP PAGE

2.1 SPEAKER SETUP PAGE

DOWNMIX MODE: Sets front speakers to LT/RT, STEREO.

General	Audio	Dolby	Video	Preference
- Speaker Setup Page -				
Downmix			LT/RT	
Front Speaker	LRG		Stereo	
Center Speaker	LRG		VSURR	
Rear Speaker	LRG		Off	
Subwoofer	On			
Set Downmix Mode				

Down mix:
 1 means LT/RT output
 2 means STEREO output
 3 means VSURR output
 4 means off output
 In Lt/rt or stereo mode, the center speaker and sub wo offer on this page can not setup, only can if 5.1 channel output.
 Test tone: In 5.1 channel mode, setup this item in the case of opening disc tray or stopping play.

General	Audio	Dolby	Video	Preference
- Speaker Setup Page -				
Downmix			Large	
Front Speaker	LRG		Small	
Center Speaker	LRG			
Rear Speaker	LRG			
Subwoofer	On			
Set Front Speaker Mode				

General	Audio	Dolby	Video	Preference
- Speaker Setup Page -				
Downmix			Large	
Front Speaker	LRG		Small	
Center Speaker	LRG			
Rear Speaker	LRG			
Subwoofer	On			
Set Center Speaker Mode				

General	Audio	Dolby	Video	Preference
- Speaker Setup Page -				
Downmix			Large	
Front Speaker	LRG		Small	
Center Speaker	LRG			
Rear Speaker	LRG			
Subwoofer	On			
Set Rear Speaker Mode				

General	Audio	Dolby	Video	Preference
- Speaker Setup Page -				
Downmix			On	
Front Speaker	LRG		Off	
Center Speaker	LRG			
Rear Speaker	LRG			
Subwoofer	On			
Set Subwoofer Mode				

2.2 SPDIF OUTPUT


SPDIF OUTPUT MODE: Sets the audio outputs. Under the status of SPDIF/RAM, can not adjust volume of DVD, CD, can adjust only under MP3 format.

General	Audio	Dolby	Video	Preference
- Spdif Setup Page -				
Spdif Output			Spdif Off	
			Spdif/Raw	
			Spdif/Pcm	
Spdif Setup Page				


This DVD player includes three kinds of audio output:
 1. SPDIF OFF: An analog surround sound format is output through the back-panel connections for 2-CH audio out.
 2. SPDIF/RAW or SPDIF/PCM: This surround sound format is output to a Dolby Digital decoder through the optical and coaxial connectors on the back-panel of the product.

Remote Control Operation


IMPORTANT NOTE:
 ALL DESCRIBING FUNCTION IS FOR DVD DISCS. IF YOU PLAY OTHER FORMAT DISC, THE OPERATION AND DISPLAY ON SCREEN WILL BE DIFFERENT.

POWER 


- During playback, press **POWER** to stop the player and return to standby mode.
- While the player is in standby, press **POWER** to resume normal operation.

OPEN/CLOSE 

- To open the disc tray, press **OPEN/CLOSE**.
- To close the disc tray, press **OPEN/CLOSE** again.

0-10+ keys 

- These keys are used to input the time, as well as title, chapter and track numbers.
- When a numeric item is displayed on the screen, press the 0-10+ keys to select the desired entry and press **ENTER** to confirm.

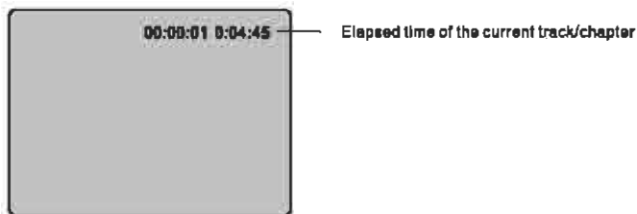
CLEAR 

- Press **CLEAR** to delete numbers you have selected.
- Press once to delete one digit. Press and hold to delete all digits.

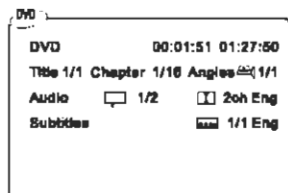
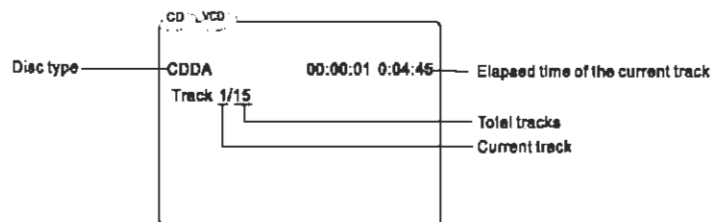
DISPLAY



During playback, press **DISPLAY** to display the current time counter position.



Press **DISPLAY** again to display additional information about the playing disc.



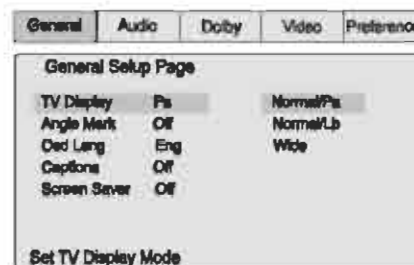
When you press **SETUP** key on the remote control, the setup menu will be displayed.

1. Within the setup menu, you can use **UP**, **DOWN**, **LEFT** and **RIGHT** buttons on the remote control to move the cursor, and then press the **ENTER/PLAY** button to make your selection. Press **LEFT** can return the previous menu.
2. To exit setup menu, you can press **SETUP** menu.

1. GENERAL SETUP PAGE

Setup TV screen format, video type and all DVD functions.

1.1 TV DISPLAY



The TV Display which select the different ratio of display format and the screen of TV, There are various types of display on screen for different matches between Disc and TV (Please see page 20; Multi-image ratio mode)

No matter which display format is selected, a picture recorded in standard 4:3 format always displays in the 4:3 aspect ratio.

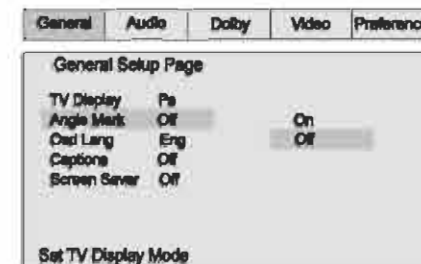
The display format of DVD titles may vary; please refer to the information that accompanies your specific DVD title.

If the DVD title is recorded in 16:9 wide display format while the TV is a standard 4:3 screen, horizontal compression of the image will result.

Some DVD titles may be recorded in special formats. In such cases, the DVD titles will always appear on the screen in their original format, regardless of which TV display format you select.

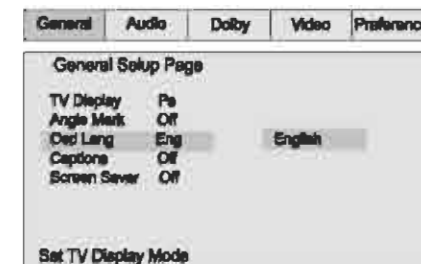
1.2 ANGLE MARK

ANGLE MARK: Users can select a particular camera angle when playing a DVD which offers multiple angles.



1.3 OSD LANGUAGE

On Screen Display (OSD) Language: Users can select the whole setup menu and on-screen display language.



1.4 CAPTIONS

CAPTIONS: For hearing-impaired people, the picture can be displayed with recorded explanatory captions.

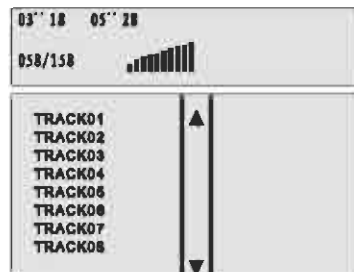
Note: It is valid for disc that has captions.



AUDIO CD PLAYBACK

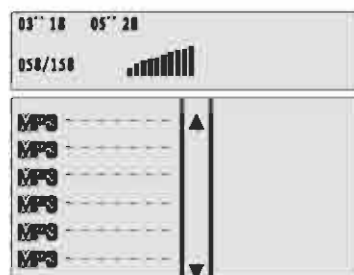
When playing Audio CD disc, a navigation menu will be displayed automatically if the disc is loaded in succession. In the menu, use UP or DOWN button in the cursors to select the file, then press "ENTER/PLAY" to play this file. In this page, press PREV or NEXT can go to the previous or next page.

Note: CD+G disc the same as Audio CD (when disc playing, press STOP button can return navigation menu).



MP3 PLAYBACK

When playing MP3 disc, a navigation menu will be displayed automatically if the disc is loaded in succession. In the menu, use UP or DOWN button in the cursors to choose folder, then press "ENTER/PLAY" button to confirm. In the folder, use UP or DOWN button in the cursors to select the file, then press "ENTER/PLAY" to play this file. In this page, use LEFT button in the cursors can return previous menu, press PREV or NEXT can go to the previous or next page.



KODAK PICTURE CD DISC PLAYBACK

When playing Kodak Picture CD disc, a navigation menu will be displayed automatically if the disc is loaded in succession. In the menu, use UP or DOWN in the cursor to choose folder, then press "ENTER/PLAY" button to confirm. In the folder, use UP or DOWN in the cursor to select a file, then press "ENTER/PLAY" to play. Each picture in the Kodak Picture CD will be displayed consecutively in a slide-show fashion and will be scaled to fit in the whole TV screen. If you want to return the menu, press MENU button. If you desire to display an image indefinitely, press the PAUSE button. To view the next or previous picture, press NEXT or PREVIOUS button. To resume the slide-show, press the "ENTER/PLAY" button.

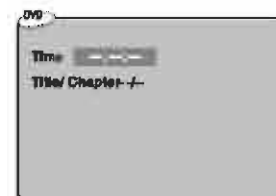
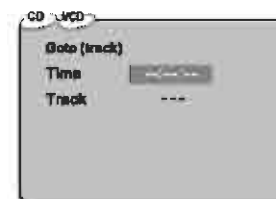
IMPORTANT NOTE: Quality of pictures displayed on the screen is highly dependent on the viewing device.

JPEG DISC PLAYBACK

When playing JPEG disc, a navigation menu will be displayed automatically if the disc is loaded in succession. In the menu, use UP or DOWN in the cursor to select a file, then press "ENTER/PLAY", the file will be played with a slide-show. Press PREV or NEXT to select the previous or the next picture. Press PAUSE to pause the current picture for enjoying, when press ENTER/PLAY, it will return to normal playing.



During playback, press SEARCH and the [Track Search] menu will display as follows:




- Notes:
- ① Time searches for an exact time in the movie.
 - ② In Title/Chapter mode, you cannot select a value outside the range of the total number of titles or chapters.
 - ③ For some DVD discs, the Search function is unavailable.

Use the number keys to input the desired Time, Title or Chapter, then press ENTER to confirm.


Press SEARCH again and the [Disc Search] menu will display as follows:




 ● During DVD or CD/VCD playback, press and hold **FF** to scan forward. The player will review the disc at 2, 4, 8 and 16 times normal speed as follows:

→→ X2 →→ X4 →→ X8 →→ X16 → play

● Press **PLAY** to resume normal playback.


ZOOM  ● During VCD/SVCD/DVD playback, press **ZOOM** to magnify the image as follows:

→ Q1 → Q2 → Q3 →
Q Off ←

 ● During DVD or CD/VCD playback, press and hold **REW** to scan in reverse. The player will review the disc at 2, 4, 8 and 16 times normal speed as follows:


→ play → ← X2 → ← X4 → ← X8 → ← X16

● Press **PLAY** to resume normal playback.


ANGLE  During DVD playback

- Press **ANGLE** to view scenes from different camera angles.
- Press **ANGLE** repeatedly to change from one camera angle to another.

Note: This function is subject to the disc.

STOP  ● Press **STOP** once during playback to stop and hold playback.

- Press **PLAY** to resume playback from the point you pressed **STOP**.
- Press **STOP** twice to stop playback completely.

AUDIO  ● During CD/VCD/SVCD playback.

- Press **AUDIO** to select a audio channel (STEREO, LEFT, RIGHT, etc).


During DVD playback


- Press **AUDIO** repeatedly to select from up to 8 audio languages/formats.

During SVCD playback

- Press **AUDIO** repeatedly to select from up to 4 audio languages/formats.

Note: This function is subject to the disc.

PAUSE  ● Press **PAUSE** during playback to pause playback.

SUBTITLE  During DVD playback

- Press **SUBTITLE** repeatedly to select from up to 32 subtitle languages.

Note: This function is subject to the disc. (languages will vary) .

RETURN



- Press RETURN to return to the main menu when PBC is on.

VOL+ VOL-



- Press <VOL+> button to Increase Volume
- Press <VOL-> button to decrease volume till no volume output.

PBC



- During VCD playback.
- Press PBC (playback control) to select PBC on and off.

MUTE



- Press MUTE to mute the Audio output
- Press MUTE again to resume normal audio output

PLAY



- Press PLAY from stop mode to start playback.
- This function is not available if the elapsed time of current track is less than 10 seconds.
- Note: MP3 discs and some DVD discs do not have a 10 second review feature.

DISC MENU



- During DVD, press MENU to return to the program menu.
 - In the Setup Menu, press MENU to return to the main menu or play mode.
 - Any time, press MENU to cancel the current OSD or some menus
- Note: This function is subject to the disc.

TITLE



- During DVD playback, press TITLE to display the DVD title menu or play the first title.
- Note: This function is subject to the disc.

A-B

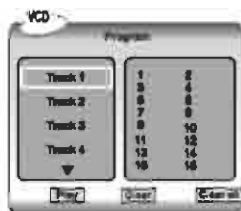


- During playback, press A-B to select point A.
- Press it again to select point B. The player will repeat the section from A to B automatically.
- Press A-B third time to cancel A-B repeat and clear points A and B.

Note: 1. During CD/SVCD playback, points A and B must be within the same track. During DVD playback, points A and B can be selected from different chapters.
2. This function is subject to the disc.

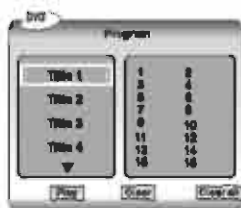
Please use the [PROG] mode under the state stopping!

While [PROG] is on, press ENTER to display the [Program] submenu:



Input the track numbers in the order you would like them to play. When finished, select [Play Program] and then press ENTER to play the tracks in the new programmed order.


Select [Clear All] and press ENTER to clear all the numbers you have input.





Input the title number and the chapter number in the desired order. Then select [Play Program] and press ENTER to play the chapters in the order you have set.



Select [Clear All] and press ENTER to clear all the numbers you have input.

N/P  ● Press N/P when in STOP mode to select the mode from NTSC/PAL/AUTO.

SLOW  ● Press SLOW repeatedly to slow down the motion playback at variable speeds.

PROG.SCAN  ● During playback is stopped, press PROG.SCAN button twice to switch to progressive scan mode
● Press PROG.SCAN once to switch back to Interlace scan mode
Note: If you connected the DVD player to your TV using the component Video Output, you can use the PROG.SCAN button to switch to progressive scan to superior video quality.

STEP  ● Press STEP during playback to pause playback.
● Press STEP repeatedly to play frame.
● Press PLAY to resume normal playback.

PREV  ● Press PREV to skip to previous chapter or track.
NEXT  ● Press NEXT to skip to the next chapter or track.

REPEAT  ● Press REPEAT to select Repeat Title, Repeat chapter, Repeat off during DVD playback.
● Press REPEAT to select Repeat Single, Repeat All and Repeat off when PBC is off (VCD, CD, SVCD).