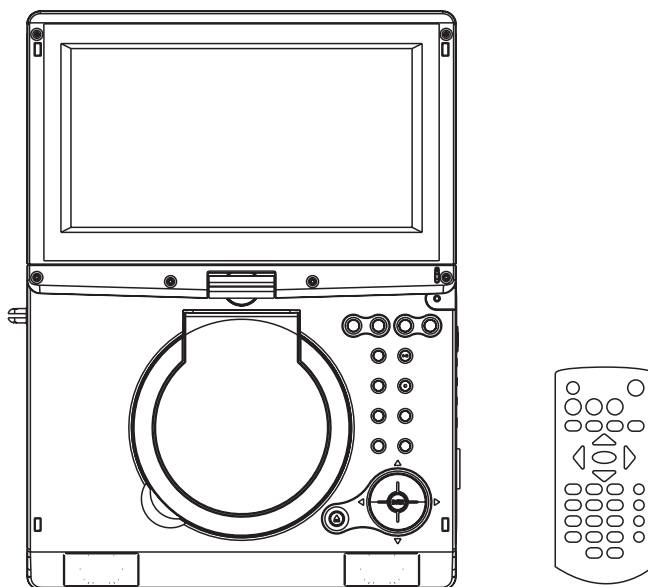


# Goodmans

## User Manual

**PORTABLE DVD/VCD/CD PLAYER**

**MODEL:GDVD90W13**



Before attempting to connect, operate or adjust this player, please read these instructions completely.  
All the illustrations included are for reference purpose only and subject to any change without prior notice.  
Retain this manual for future reference.

# MAINS PLUG WIRING FITTED TO YOUR AC ADAPTOR

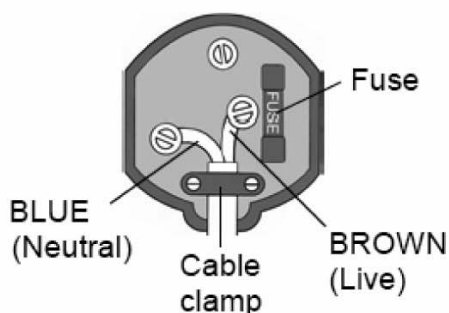
## Electrical Information

This appliance is fitted with a BS1363/A 13 amp plug. If it is not suitable for your supply sockets it must be removed and replaced with an appropriate plug. If the plug becomes damaged and/or needs to be replaced please follow the wiring instructions below. The plug removed must be disposed of immediately. It must not be plugged into a supply socket as this will be an electrical hazard. If the fuse needs to be replaced it must be of the same rating and ASTA approved to BS1362. If the plug is changed, a fuse of the appropriate rating must be fitted in the plug, adapter or at the distribution board. If the fuse in a moulded plug is replaced, the fuse cover must be refitted before the appliance can be used.

## Wiring Instructions

The supply cable will be either 2-core or 3-core. Follow the appropriate wiring instructions given below. In both cases ensure that the outer sheath of the cable is firmly held by the cable clamp.

### 2 - CORE



**WARNING!** Do not connect either wire to the earth terminal.

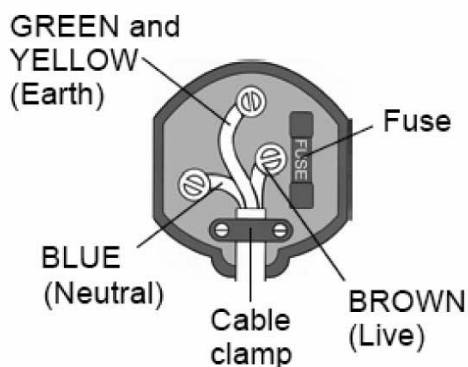


This symbol indicates that this 2-core appliance is Class II and does not require an earth connection.

The wire coloured blue must be connected to the terminal marked with the letter N or coloured black.

The wire coloured brown must be connected to the terminal marked with the letter L or coloured red.

### 3 - CORE



**WARNING!** This appliance must be earthed.

The wire coloured green and yellow must be connected to the terminal marked with the letter E, or by the earth symbol,  $\perp$ , or coloured green or green and yellow.

The wire coloured blue must be connected to the terminal marked with the letter N or coloured black.

The wire coloured brown must be connected to the terminal marked with the letter L or coloured red.

## WARNINGS

- Use the adapter supplied only to supply power for your unit.
- Unqualified attempts to repair this TV are not allowed. Refer repairs to this unit to a qualified technician only.
- Do not disassemble this unit. There are dangerous-voltage parts inside that may cause electric shock even after power is disconnected.
- Store your unit only in a clean, dry environment. Unplug the unit immediately it gets wet, and consult your servicing technician.
- Always unplug the unit before cleaning it. Wipe dust off the cabinet of the unit with clean&dry&soft cloth. Apply non-ammonia cleansing lotion onto the cloth, not directly onto the screen.
- Keep your unit away from magnetic objects, motors, TV sets, and transformers.
- Do not place heavy objects on top of the unit.
- Avoid exposing your unit directly to sunlight or other heat sources.
- Put your unit in a well-ventilated area away from high humidity.
- The apparatus and AC/DC adaptor shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on apparatus.

### Safety Tips

- If smoke, abnormal noise or odour comes out of your unit, power it off immediately and call your local service centre.
- Never try to repair the your unit on your own. Always call your local service center for repairs.
- Watching TV while driving is illegal and dangerous!

### Note

This user's manual contains for-reference-only graphics and information that are subject to change without notice.

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## Dear Customers

May we take this opportunity to thank you for purchasing this DVD/VCD/CD player. We strongly recommend that you carefully study the Operating Instructions before attempting to operate the player and that you note the listed precaution.

## Features

### HIGH QUALITY SOUND AND PICTURE

#### ● 96 kHz/24 bit audio D/A converter

This player enables 96 kHz/24 bit linear PCM signals, which constitute the highest specifications in the DVD standards, to be reproduced faithfully. To support 96 kHz sampling/24 bit sound, the shaping noise of this multi-level digital sigma type of D/A converter is kept flat up to 44 kHz, thus preventing the important audio signals from being affected in any way. In terms of the bottom line, the sound in all of its various modes is reproduced faithfully.

#### ● 10 bit video D/A converter

With its 10 bit capability, this D/A converter reproduces images faithfully.

### 7" TFT DISPLAY

This player built in 7" TFT display window, provide you clear vision, and low radiation.

### ENCLOSED LITHIUM BATTERY PACK

This 7.2V rechargeable lithium battery pack can last about 2 hours, provide you playing disc everywhere.

### MULTI TV SYSTEM SUPPORT

The player can play back discs with signal system of PAL and NTSC.

### GRAPHICAL USER INTERFACE SCREEN

Simply by pressing the DISPLAY button on the remote control unit, information on the player and disc can be displayed on the TV screen for easy identification. The player's operations and settings can easily be performed by operating the remote control while monitoring the TV screen.

### MULTI-AUDIO FUNCTION

The audio soundtrack can be heard in up to 8 languages. (The number of audio sound languages depends on the software.)

### MULTI-SUBTITLES FUNCTION

Subtitles may be displayed in one of a maximum of 32 languages depends on the software.

### MULTI-ANGLE FUNCTION

This function allows you to choose the viewing angle of scenes which were shot from a number of different angles. (Limited to DVD recorded with multiple camera angles.)

### PARENTAL LOCK FUNCTION

This can prevent play of DVD unsuitable for children.

### DISC FORMATS SUPPORTED BY PLAYER

The player can play back discs bearing any of the following marks:



# Precautions

Please read these precautions before operating this player.

## Power Cord Protection

To avoid any malfunctions of the player, and to protect against electric shock, fire or personal injury, please observe the following.

- **Hold the plug firmly when connecting or disconnecting the AC power cord.**
- **Do not connect or disconnect the AC power cord when your hands are wet.**
- **Keep the AC power cord away from heating appliances.**
- **Never put any heavy object on the AC power cord.**
- **Do not attempt to repair or reconstruct the AC power cord in any way.**
- **Remove dust, dirt, etc. on the plug at regular intervals.**
- **If the player has been dropped or otherwise damaged, set the player to the standby mode and disconnect the AC power cord.**
- **If the player has fumes, odours or noise, set the player to the standby mode and disconnect the AC power cord.**

## Placement

- Avoid placing the player in areas of:
- direct sunlight or heating radiators, or closed automobiles
- high temperature (over 35°C) or high humidity (over 90%)
- Excessive dust
- vibration, impact or where the surface is tilted as the internal parts may be seriously damaged.

## Non-use periods

When the player is not being used, set the player to the standby mode.

When left unused for a long period of time, the player should be unplugged from the household AC outlet.

## No fingers or other objects inside

- Touching internal parts of this player is dangerous, and may cause serious damage to the player. Do not attempt to disassemble the player.
- Do not put any foreign object on the disc tray.

## Keep away from water and magnetic object

- Keep the player away from flower vases, tubs, sinks, etc. If liquids are spilled into the player, serious damage could occur.
- Keep magnetic objects such as speakers, at a distance from the player.

## Stacking

- Place the player in a horizontal position, and do not place anything heavy on it.
- Do not place the player on amplifiers or other equipment which may become hot.

## Condensation

moisture may form on the lens in the following conditions:

- immediately after a heater has been turned on.
- In a steamy or very humid room.
- when the player is moved from a cold environment to a warm one.

If moisture forms inside this player, it may not operate properly. In this case, turn off the power and wait about one hour for the moisture to evaporate.

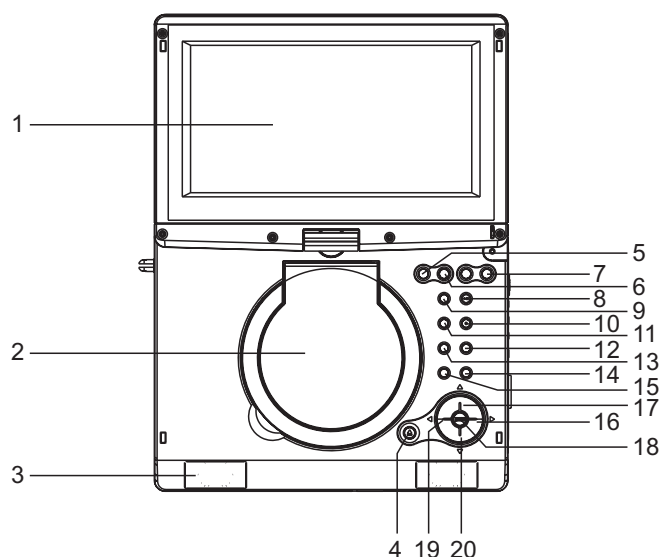
## If there is noise interference on the TV while a broadcast is being received

Depending on the reception condition of the TV, interference may appear on the TV screen while you are watching a TV broadcast and the player is left on. This is not a malfunction of the player or the TV. To watch a TV broadcast, set the player to the standby mode.

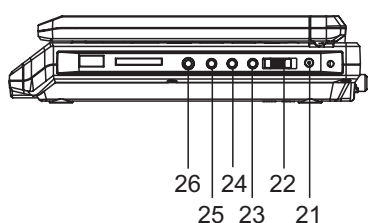
# Control reference guide

## Main unit

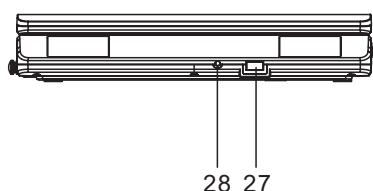
### OPEN VIEW



### RIGHT VIEW



### FRONT VIEW

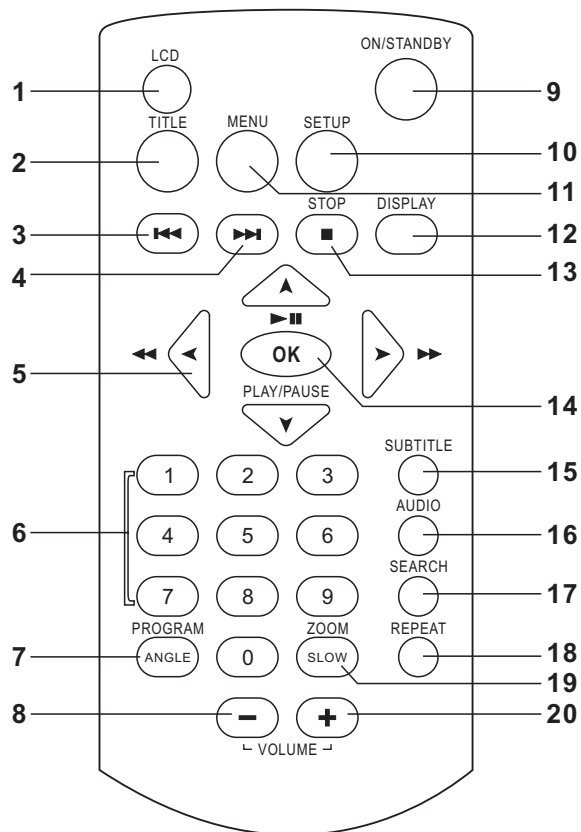


1. TFT SCREEN
2. CD DOOR
3. SPEAKERS
4. CD DOOR OPEN BUTTON
5. TITLE BUTTON
6. MENU BUTTON
7. VOLUME BUTTONS
8. NEXT BUTTON
9. SETUP BUTTON
10. PREVIOUS BUTTON
11. AUDIO BUTTON
12. STOP BUTTON
13. DISPLAY BUTTON
14. PLAY/PAUSE BUTTON
15. SUBTITLE BUTTON
16. NAVIGATION RIGHT & FAST FORWARD BUTTON
17. NAVIGATION UP BUTTON
18. ENTER BUTTON
19. NAVIGATION LEFT & FAST BACKWARD BUTTON
20. NAVIGATION DOWN BUTTON
21. DC IN 9V JACK
22. POWER ON/OFF SWITCH
23. COAXIAL JACK
24. S-VIDEO OUT JACK
25. VIDEO/AUDIO OUT JACK
26. PHONES JACK
27. REMOTE SENSOR
28. STANDBY INDICATOR

# Control reference guide

## Remote control unit

1. LCD BUTTON: Press this button to adjust the color and brightness of the screen, press and hold this button to turn on or turn off the TFT screen.
2. TITLE BUTTON: Play the title (DVD).
3. PREV BUTTON: Press this button, the scene will skip the previous chapter or the next track.
4. NEXT BUTTON: Press this button ,the scene will skip the next chapter or the next track.
5. NAVIGATION BUTTONS  
(Navigation left button & Fast Backward button  
Navigation right button & Fast Forward button)
6. NUMERIC BUTTONS
7. PROGRAM/ANGLE BUTTON: During playing DVD disc, pressing this button will display the angle number and change to different angles; and playing the other discs, pressing this button can setup the memory order tracks.
8. VOLUME DOWN BUTTON
9. ON/STANDBY BUTTON
10. SETUP BUTTON: Press this button will enter initial settings menu.
11. MENU (PBC) BUTTON: Select Playback Control for VCD if PBC is on, when you press return button, the player will start at the VCD root.
12. DISPLAY BUTTON: press this button, the screen will display the elapsed time and remaining time.
13. STOP BUTTON: Press this button, the player will stop playing.
14. OK(PLAY/PAUSE) BUTTON: Press this button to confirm what you select; press this button to play or halt the disc.
15. SUBTITLE BUTTON: Press this button will display the different subtitle language on the screen.
16. AUDIO BUTTON: Select the sound track.
17. SEARCH BUTTON: Press this button during play then press numeric button to choose number corresponding to the desired play point.
18. REPEAT BUTTON: Press this button once, the player will repeat play the current track or the whole track, press this button twice, the player will repeat play one chapter or one title ,or whole tracks, press this button three times, the player will repeat sections between two specific points(A-B).
19. ZOOM/SLOW BUTTON: Press this button to enlarge picture size; Press and hold this button during playback the play speed will be reduced.
20. VOLUME UP BUTTON

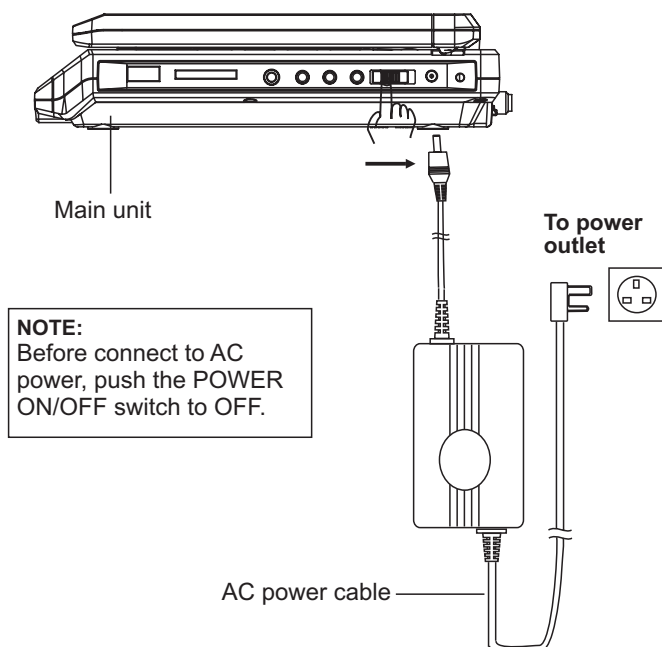




## Basic connection

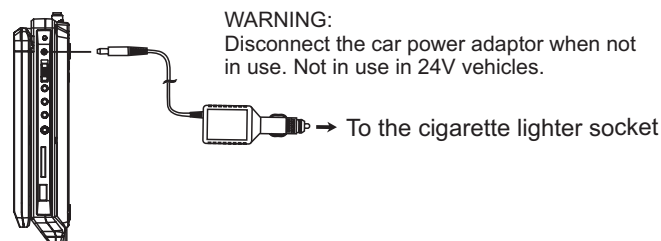
- Ensure all the cable are disconnected with main unit before connect to AC power source by AC power cable.
- Read through the instructions before connecting other equipment.

### Connecting to AC power source



### Connecting to a car adaptor

The 9V car power adaptor is designed for use with vehicles that have a 12V, negative ground electrical system.



#### CAUTIONS:

- Use the unit only with 9V car power adaptor, use with other car power adaptor could damage the unit.
- The recommended 9V car power adaptor is for use with this unit only. Do not use it with other equipment.
- In the interests of road traffic safety, do not operate the unit or view video software while driving a vehicle.
- Make sure the unit is fastened securely to prevent from moving about inside the vehicle in the event of an accident
- When the inside of the cigarette lighter socket is dirty with ashes or dust, the plug section may become hot due to poor contact. Be sure to clean the cigarette lighter socket before use.
- After use, disconnect the 9V car power adaptor from both the unit and cigarette lighter socket.

#### FUSE REPLACEMENT

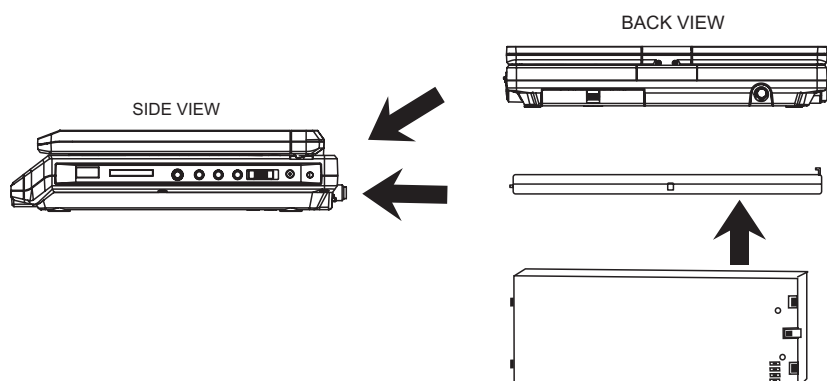


#### A BRIEF DESCRIPTION ON HOW TO REPLACE THE FUSE

1. Twist off the cover of the car adaptor
2. Take out the damaged fuse and replace it by using a new one.
3. Insert the new fuse into the socket of the car adaptor.
4. Finally twist on the cover of the car adaptor.

Note: The value of the fuse is F2.5A125V.

### Connecting to lithium battery pack



#### NOTE:

This unit works either on the battery pack supplied or the AC power: unplug the AC Power adaptor from the DC input jack to work on the battery pack (after fully charged); plugging the AC Power adaptor while the battery pack is attached initiates the charging of this battery, the charge LED indicator flashes red during charging, when the battery is fully charged the indicator steadies on. Fully charging a run-out battery pack may take 5 hours or longer. A fully charged battery pack can endure approximately 2.5 hours of continuous DVD playback. This playing time may vary with the surrounding environment, the volume level of the speaker and the battery condition. It is advised that you wait 10-20 minutes before recharging the battery pack if it has turned flat during operation.

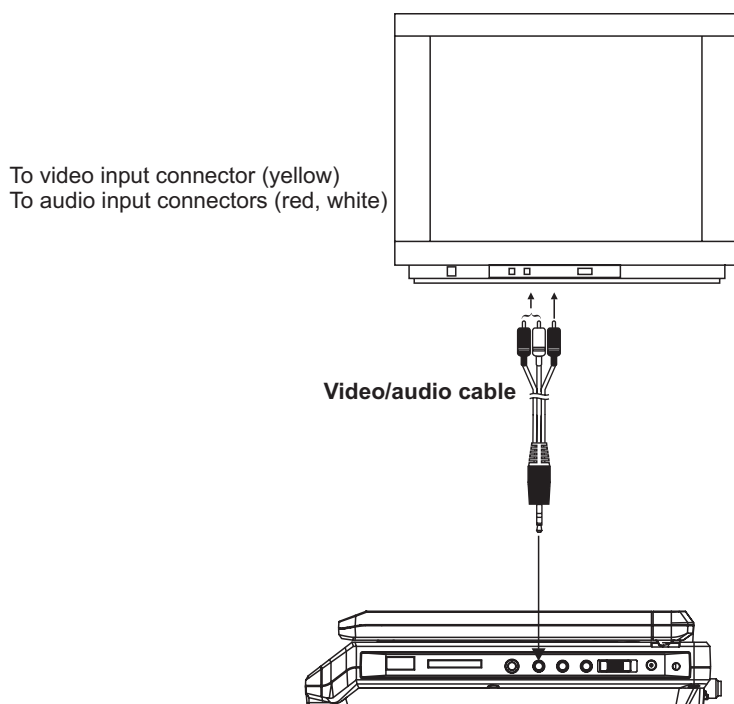
## Basic connection

- It is recommended to connect a multi-system TV.
- Ensure that this player and other equipment to be connected are set to the standby mode or off and disconnect the AC power cords before commencing connection.
- Do not block ventilation holes of any of the equipment and arrange them so that air can circulate freely.
- Read through the instructions before connecting other equipment.
- Ensure that you observe the color coding when connecting audio and video cables.

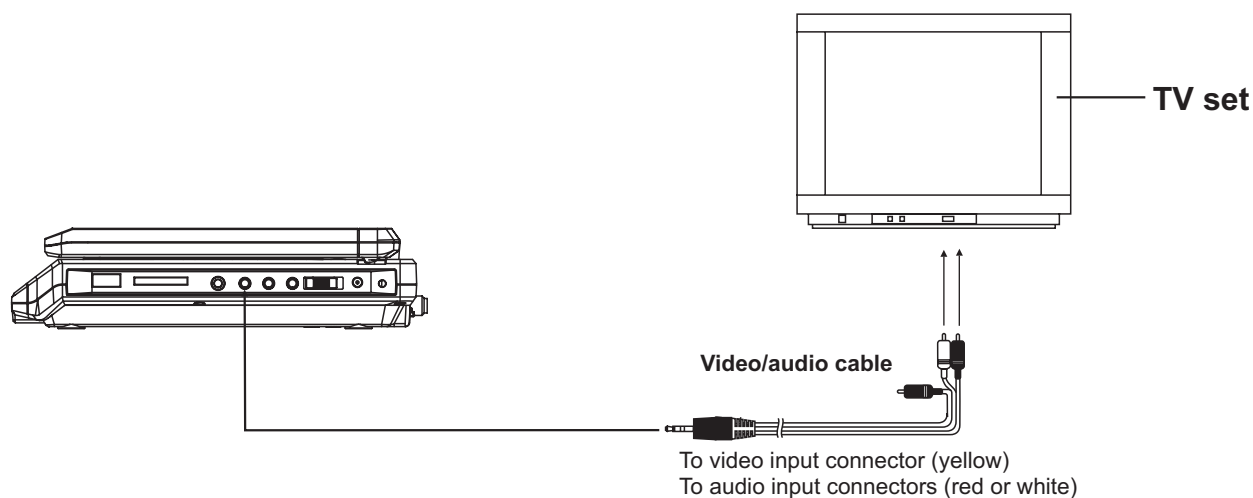
### Note:

- During DVD play, the TV volume may be at a lower level than during TV broadcasts, etc. If this is the case, adjust the volume to the desired level.
- If the DVD/VCD/CD player is connected to the TV through a video cassette recorder, the picture may not be played back normally with some DVDs. If this is the case, do not connect the player via the VCR.

## Connecting to a stereo TV set



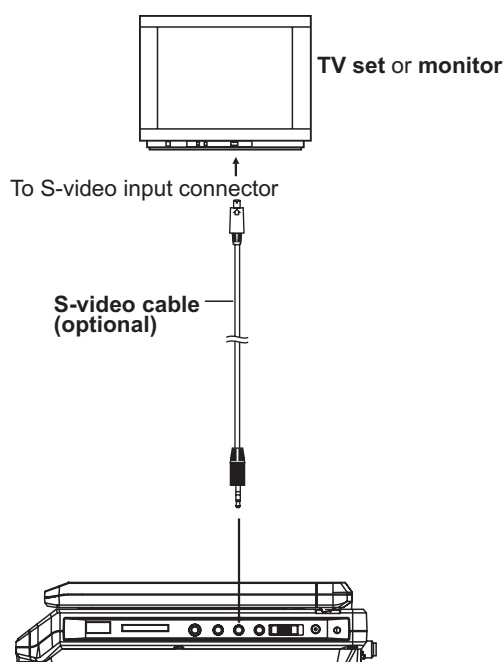
## Connecting to a monaural TV set



(Continued on the next page)

## Basic connection

### Connecting to a TV set or monitor with S-video output connectors

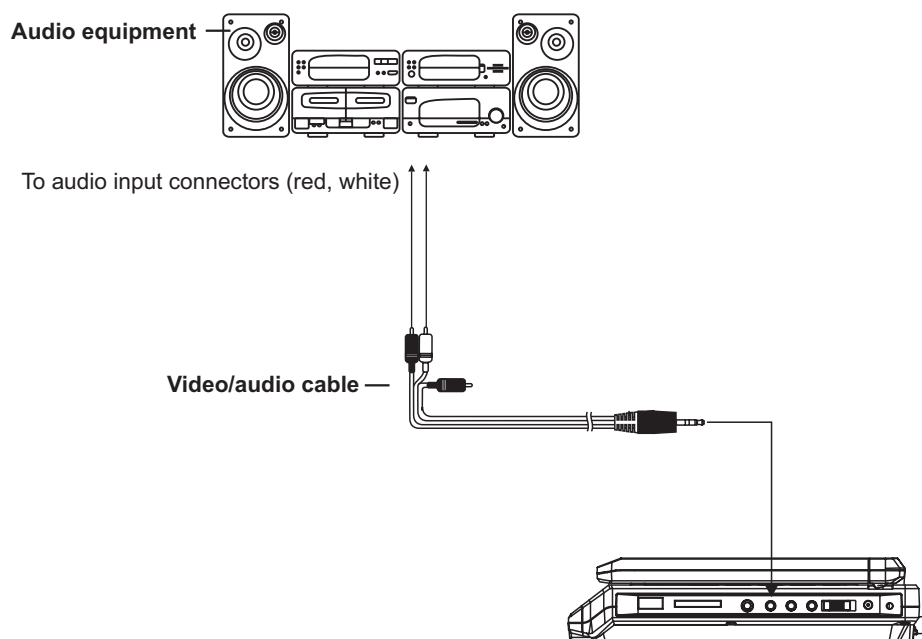


#### S-video output connectors

The S (separate) video output connector separates the colour (C) and luminance (Y) signals before transmitting them to the TV set in order to achieve a sharper picture.

Use the S-video cable (optional) when connecting the player to a TV set equipped with an S-Video input connector for the best picture clarity possible.

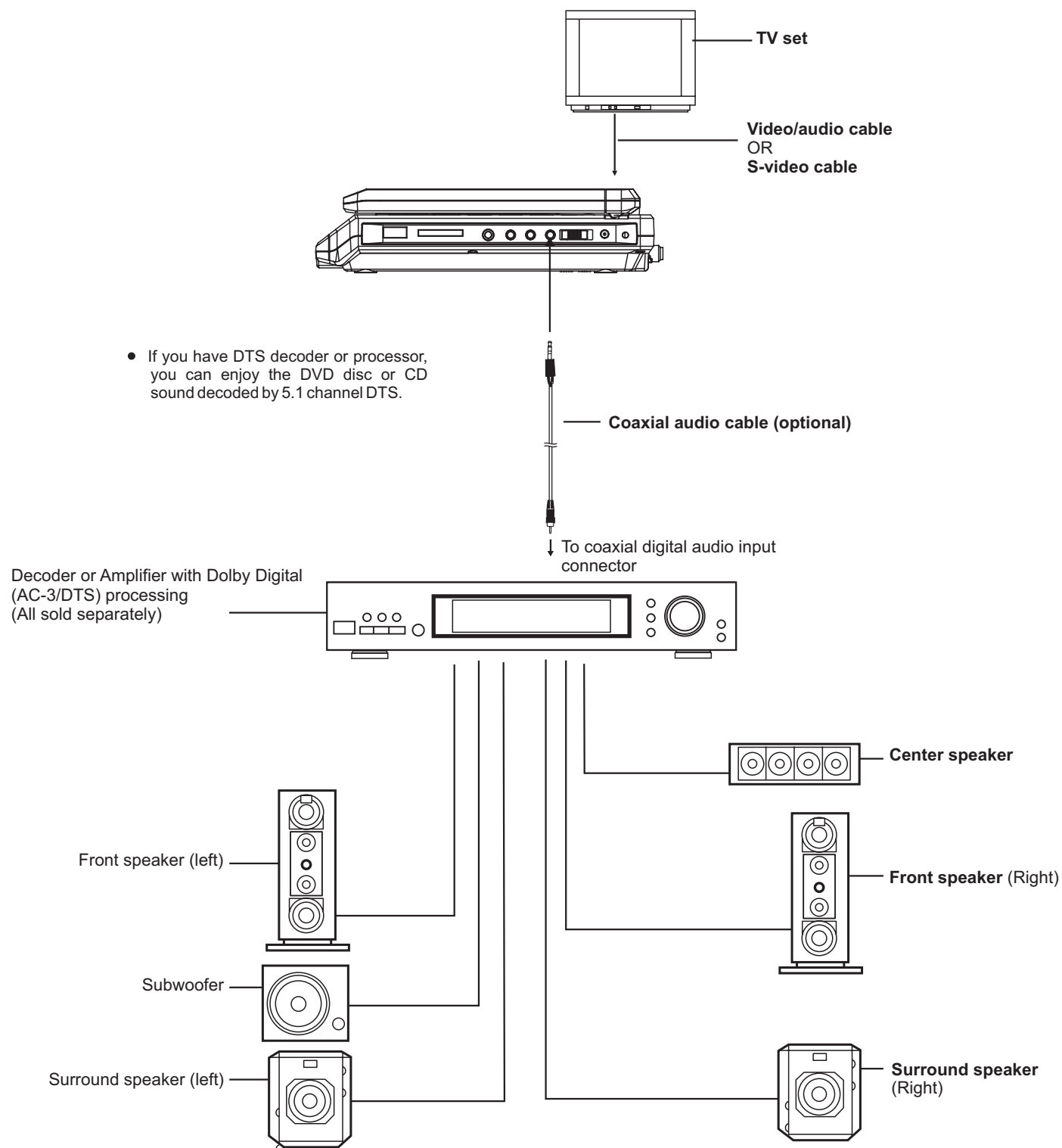
### Connecting to audio equipment



## Optional audio connections

### Connecting to a decoder with Dolby Digital (AC-3/DTS) processing

When DVD recorded in Dolby Digital/DTS are played, Dolby digital/DTS bitstream is output from the player's COAXIAL digital audio output connector. When the player is connected to a Dolby Digital/DTS decoder, you can enjoy theater-quality audio in your home. [A coaxial audio cable (optional) is required when an optional Dolby digital/DTS decoder is used.]



(Continued on the next page)

## Optional audio connections

### Concerning the audio output from the player's coaxial digital audio output connector

Disc	Sound recording format	Coaxial digital audio output from connector
DVD	Dolby Digital (AC-3)	Dolby Digital bitstream (2-5.1ch) or PCM (2ch) (48 kHz/16 bit)*1
	Linear PCM (48/96 kHz 16/20/24 bit)	Linear PCM (2ch) (48 kHz sampling/16 bit only)*2 or no output*1
Video CD	MPEG 1	PCM (44.1 kHz sampling)
CD	Linear PCM	Linear PCM (44.1 kHz sampling)

\*1 The type of audio output from the connector can be selected by the initial settings.

\*2 Sound having 96 KHz sampling is converted into 48 KHz sampling when it is output from the player's coaxial digital audio output connector.

#### For your reference:

- Dolby Digital (AC-3) is a digital sound compression technique developed by the Dolby Laboratories Licensing Corporation.
- DTS (Digital Theater System) is a surround system different from Dolby Digital that has become a popular Surround sound format for movies, as well as CDs.
- Linear PCM is signal recording format used in a CD. While a CD is recorded in 44.1 KHz/16 bit, a DVD is recorded in 48 KHz/16 bit up to 96 KHz/24 bit.
- If you have a Dolby Pro Logic Surround decoder, you will obtain the full benefit of Pro Logic from the same DVD movies that provide full 5.1-channel Dolby Digital soundtracks, as well as from titles with the Dolby Surround mark.

Manufactured under license from Dolby Laboratories. "Dolby" and the double-D symbol are trademarks of Dolby Laboratories. Confidential Unpublished Works. © 1992-1997 Dolby Laboratories, inc. All rights reserved.

## Connecting Headphones

### 1 Connect the Headphones.

- Press the volume "-" button to minimize the volume.
- Connect a headphones to phone jack.

### 2 Adjust the Volume to Proper level that you want.

# Remote control unit preparation

## Battery installation A

Insert the batteries while observing the correct (+) and (-) polarities as illustrated at right.

### Service life of batteries

- The batteries normally last for about one year although this depends on how often, and for what operations, the remote control unit is used.
- If the remote control unit fails to work even when it is operated near the player, replace the batteries.
- Use two x AAA batteries.

### Note:

- Do not attempt to recharge, short-circuit, disassemble, heat or throw the batteries into the fire.
- Do not drop, step on or otherwise impact the remote control unit. This may damage the parts or lead to malfunction.
- Do not mix old and new batteries.
- If the remote control unit is not going to be used for a long time, remove the batteries. Otherwise, electrolyte may leak which may lead not only to malfunctioning but also to burns if contact is made with the electrolyte.
- Wipe away any electrolyte leaking inside the remote control unit, and install new batteries.
- If any electrolyte should come into contact with parts of your body, wash it off thoroughly with water.

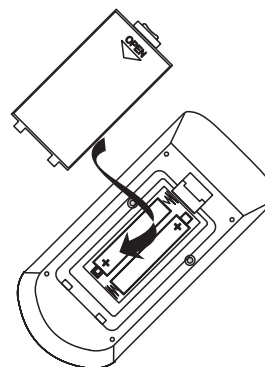
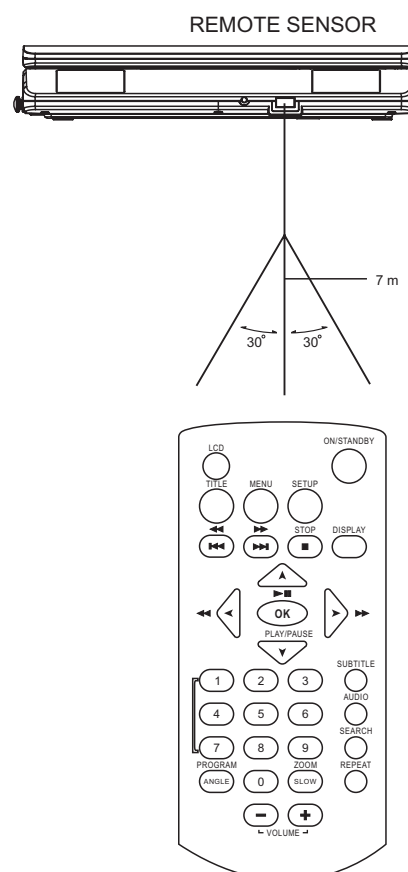
## Remote control operation range B

Point the remote control unit from no more than about 7 m from the remote control sensor and within about 60° of the front of the player.

- The operating distance may vary according to the brightness of the room.

### Note:

- Do not point bright lights 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.

**A****B**

### Before enjoying DVD/Video CD/CD

The On-Screen menu language of your player has been factory pre-set to English.

If you would like to change the menu language to other language, please refer to "Selecting language of On-Screen Display menu".

In the explanation given below it is assumed that English has been selected as the menu language.

## Basic play

### Preparations

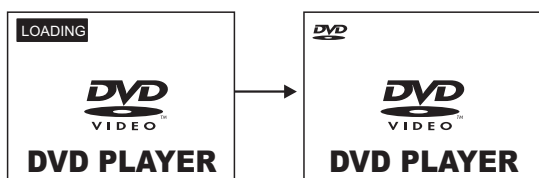
Switch the TV ON and select "Video" as the TV input. Switch on the stereo system's power if the player has been connected to a stereo system.

### Basic play

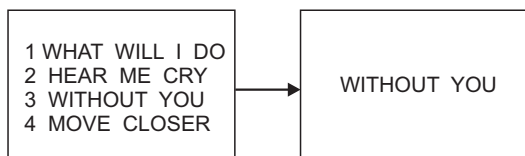
1. Press POWER ON/OFF switch to turn on the power.
2. Press the OPEN button to open the disc cover.



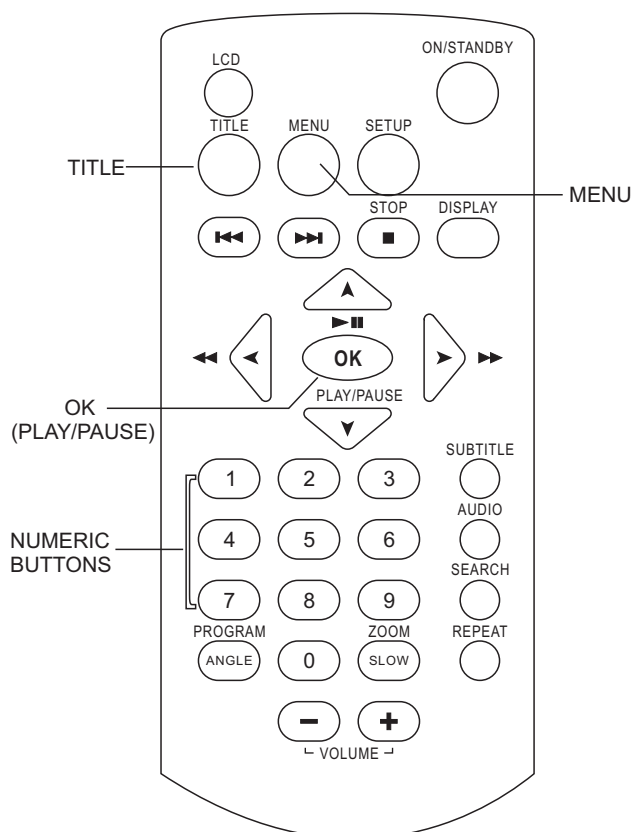
3. Place a disc onto the disc compartment.  
Hold the disc without touching either of its surfaces, position it with the printed title side facing up, align it with the guides, and place it in its proper position.
4. Close the disc cover  
After close the disc cover, play begins. And the player start to read the disc immediately.



5. When a menu screen appears on the TV, move the navigation buttons or press the numeric buttons to select preferred track number, then press SELECT button to confirm.



6. When the menu continues onto another screen, press NEXT SKIP ►► button to view the next screen, or press PREV SKIP ◄◄ button to skip to previous screen.  
NOTE: Due to the different design of some software titles, NEXT button may not always work.
7. To stop play and return to the menu screen, press TITLE button, or MENU button(which button is pressed differs depending on the disc used).



# Stopping play

## Press STOP

### For your convenience:

- When player is stopped, the player records the point where STOP was pressed (RESUME function). Press PLAY again, playback will resume from this point. When the tray is Opened or STOP is pressed again, the RESUME function will be cleared.

## Skipping ahead or back

### Skipping ahead

Press NEXT SKIP ►► button during play

A chapter(DVD) or a track (Video CD/CD) is skipped each time the button is pressed.

### Skipping back

Press PREV SKIP ◄◄ button during play

A chapter (DVD) or a track (Video CD/CD) is skipped each time the button is pressed.

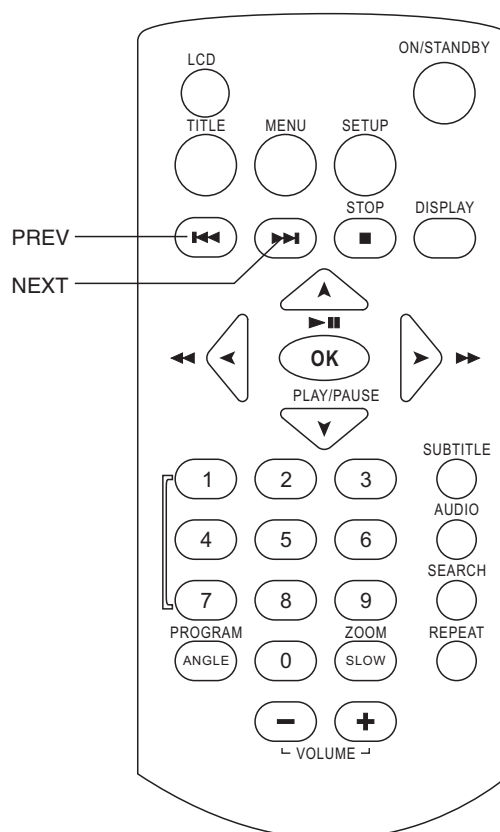
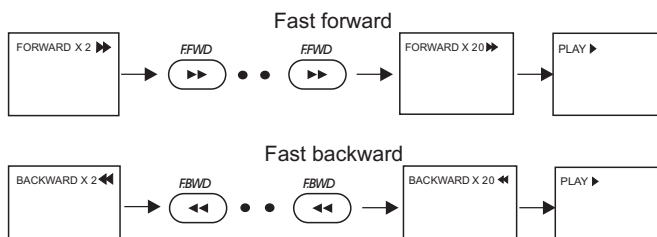
PREV ◄◄

NEXT ►►

## Rapid advance (Rapid reverse)

During playback, press F.FWD button ►► or F. BWD button ◄◄ to fast forward/rewind.

Press PLAY button to resume normal play.





## Slow-motion play (DVD/VCD)

On the remote control unit

Press and hold ZOOM/SLOW button for 2 seconds during playback.

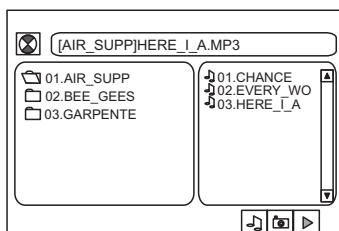
- Play the disc at a 1/2 of normal speed at first. Each time The button is pressed, the play speed becomes slow.
- Press PLAY button, normal play will resume.



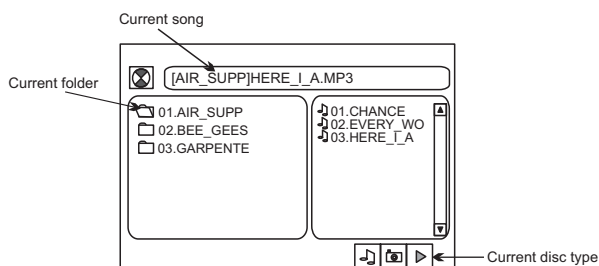
## MP3 playback

### BASIC PLAY

1. Insert a disc containing the files in MP3 format to be Played and after a few seconds, the TV screen will show all folders on the disc.



2. Select the folder you want to play by the navigation buttons and press OK button to confirm.
3. The files in this folder are displayed and select your favourable song by using the up/down navigation buttons and press OK button to start playback.

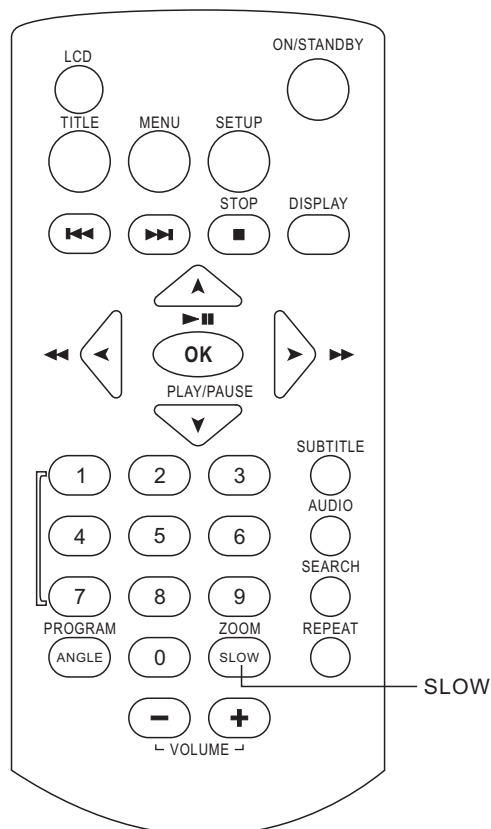


**Note:** Maximum 8 characters including space can be displayed for the filename.  
Non-English file name will not be displayed correctly

4. Press NEXT and PREV button to select track directly.
5. Press REPEAT button to change play mode.

### Play mode:

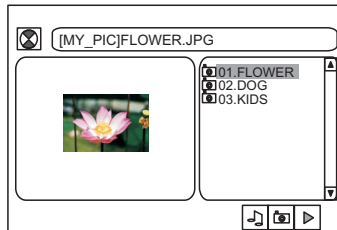
- REPEAT 1- repeat one file.
- REPEAT DIR- repeat all tracks in current directory.
- REPEAT ALL- repeat all tracks in current disc.
- REPEAT OFF- after play all track in the disc, it will stop to play.



# Kodak Picture CD / JPEG CD

- If Kodak Picture CD is inserted, slide show is begins automatically.
- For JPEG picture CD, select the folder you want to play by the navigation buttons and press OK button to confirm.

The files in this folder are displayed and select your favourable pictures by using the up/down navigation buttons and press OK button to start playback. Thumbnail of picture will be displayed while you scrolling across the file name.



## Play mode:

Press REPEAT 1/all button to change play mode.

- REPEAT 1- repeat one file.
- REPEAT DIR- repeat all picture in current directory.
- REPEAT ALL- repeat all picture in current disc.
- REPEAT OFF- after play all picture in the disc, it will stop to play.



**Note:** The time to load and display picture depends on the file size of the pictures.

During playback, press STOP to enter preview mode.

## Skip to next/previous picture

Press NEXT button to skip to the next picture or PREV button to skip to the previous picture.

If no key is pressed for 5 seconds, it will skip to next picture automatically.

## Rotating pictures

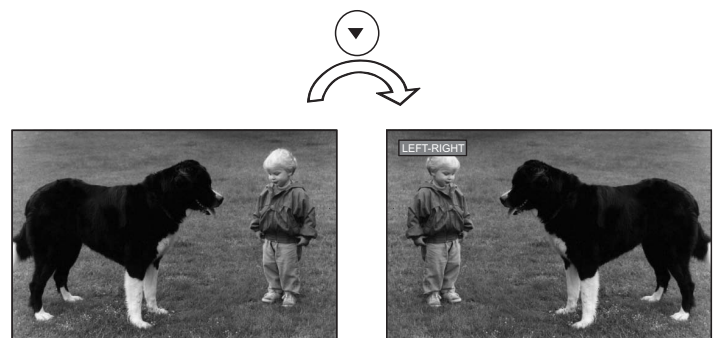
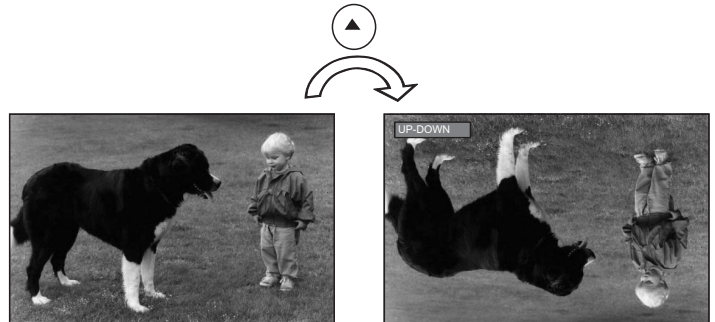
- Press RIGHT navigation button to rotate the picture clockwise.
- Press LEFT navigation button to rotate the picture counter-clockwise.



(Continued on the next page)

## Flipping pictures

- Press UP navigation button to flip the picture horizontally.
- Press DOWN navigation button to flip the picture vertically.

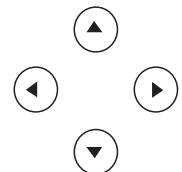


## Picture Shrink/Zoom

- Press ZOOM button continuously, it will zoom the picture to zoom 2,3,4,1/2, 1/3, 1/4 and OFF.
- Use navigation buttons to move the zoom picture.



If the picture is enlarged, you may press navigation buttons to see other portions of the picture.



## Picture CD

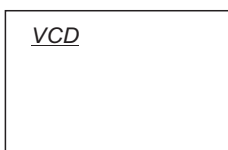
### Slide show effects

Press PROGRAM button to select one of the effects when changing from one picture to another:

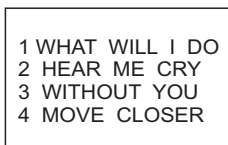
- 1 WIPE TOP
- 2 WIPE BOTTOM
- 3 WIPE LEFT
- 4 WIPE RIGHT
- 5 DIAGONAL WIPE LEFT TOP
- 6 DIAGONAL WIPE RIGHT TOP
- 7 DIAGONAL WIPE LEFT BOTTOM
- 8 DIAGONAL WIPE RIGHT BOTTOM
- 9 EXTEND FROM CENTER H
- 10 EXTEND FROM CENTER V
- 11 COMPRESS TO CENTER H
- 12 COMPRESS TO CENTER V
- 13 WINDOW H
- 14 WINDOW V
- 15 WIPE FROM EDGE TO CENTER
- 16 RANDOM
- 17 NONE

## Enjoying Video CDs with playback control

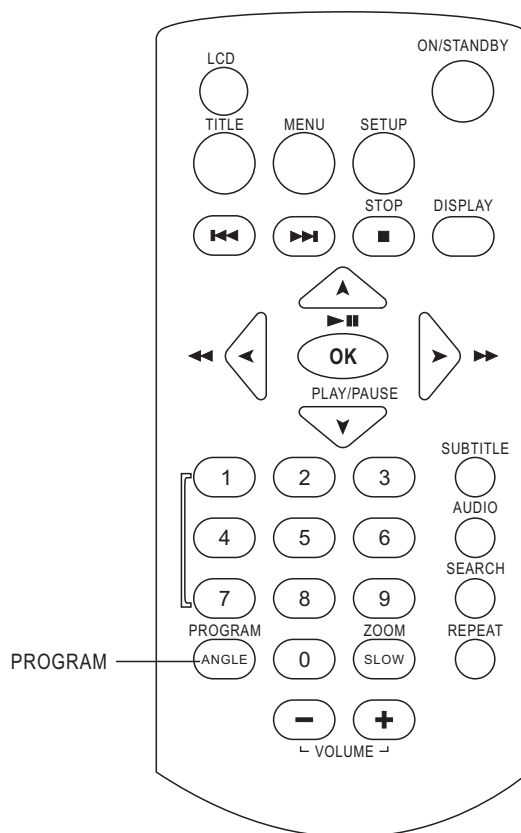
- When playing VCD 2.0/3.0 with PBC, the TV screen shows disc formats.



- After a few seconds, a menu will appear on the screen.

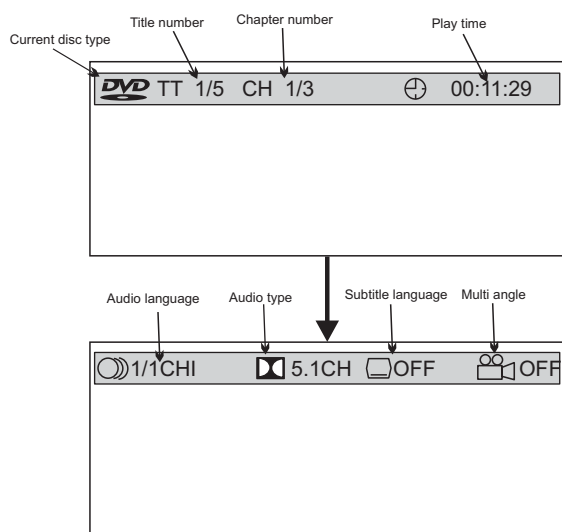


- Press numeric buttons to select corresponding track, if the track number is under 10, choose one of the numeric buttons 0 ~ 9.
- If the track number exceeds 10, press numeric buttons 0 ~ 9 firstly, then press another digit.
- During playback, press MENU button to return to main menu.
- Press NEXT SKIP ►► button or PREV SKIP ◀◀ button, the player will play in the scheduled sequence on the disc.



## ON Screen display information

When the player is under operation, press DISPLAY button continuously on the remote control, the screen will display sequently parts of information.



Press "DISPLAY" button continuously, the screen display will be cleared.

## Program play

The player plays the tracks in the disc in an order you desired.

1. Press PROGRAM button and the screen will display the program menu.

PROG			
1 ----	5 ----	9 ----	13----
2 ----	6 ----	10----	14----
3 ----	7 ----	11----	15----
4 ----	8 ----	12----	16----
PLAY CLEAR			

NOTE: Program menu different with disc type, shown on left side is DVD program menu.

2. Press navigation buttons to choose memory index and then enter desired Titles/Chapters numbers by using the numeric buttons. The selected Titles/Chapters are stored into the memory. Up to 16 memories can be stored.

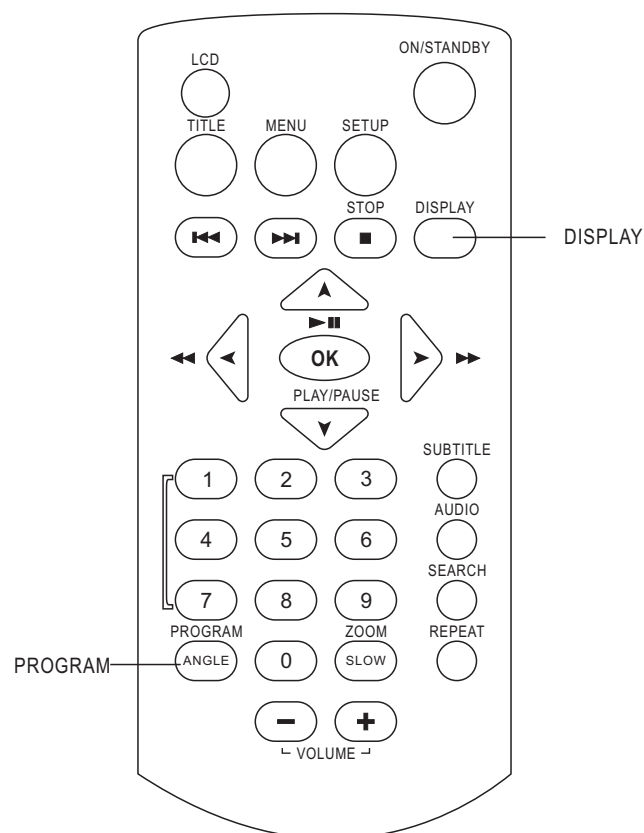
Note: Leading zero is not necessary. If the track number is more than 10, press the unit digit key first and then another unit digit. Some figure inputs may be useless, because it's greater figure than total title/chapter/track number on the disc.

Example: Track 3, press "3"

Track 12, press "1" and then "2"

Track 21, press "2" and then "1"

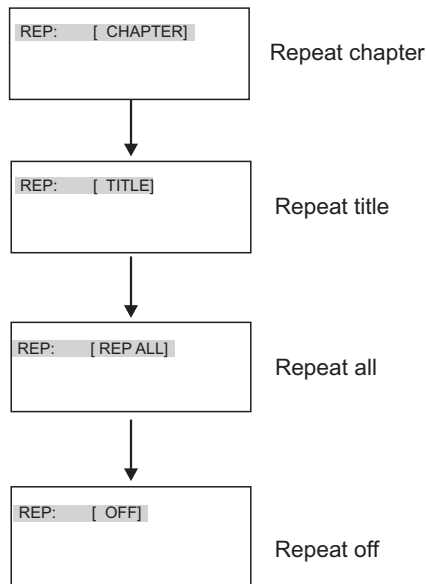
3. To start program play, select PLAY on the menu or press PROGRAM button again to exit without program play.
4. To clear programmed items, input another digit to clear the current programmed track, To clear all items, select the <CLEAR> on the menu, and then press OK button on remote control.
5. To exit the program play status, you can clear all items in the program menu.



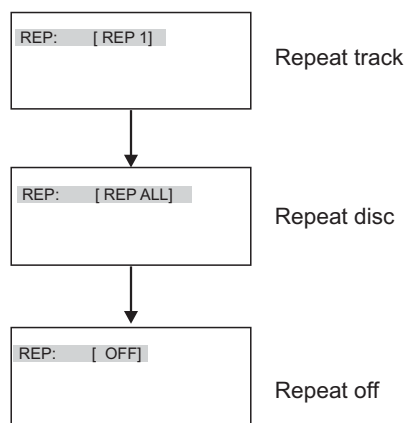
# Repeat play

Press REPEAT button during play, it will repeat play one chapter or one title (for DVD disc), or repeat play track (for VCD/CD).

## DVD DISC



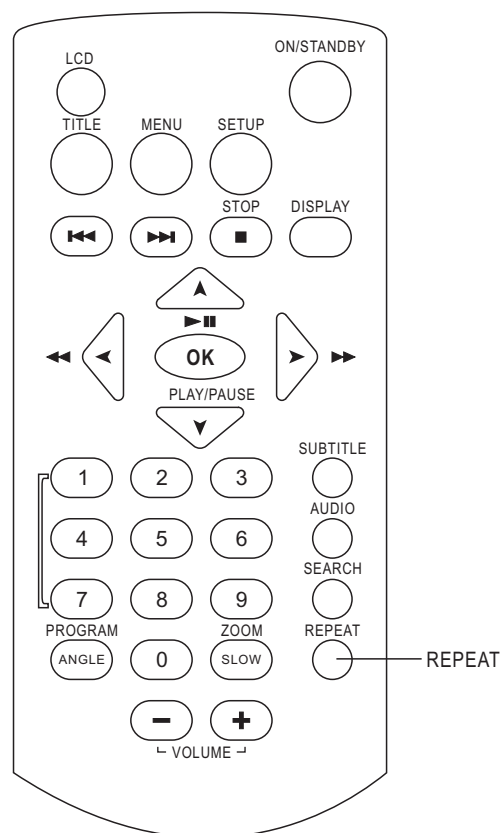
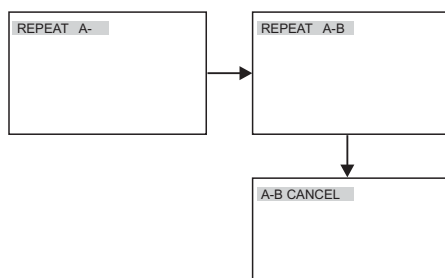
## VCD/CD DISC (In the PBC OFF mode)



## A-B repeat play

### Repeating sections between two specific points(A-B repeat)

1. Press REPEAT button continuously during play at the point where repeat play is to be started(A).
2. Press REPEAT button at the point where repeat play is to be ended (B). Repeat play of the selection between points A and B starts.
3. Press REPEAT button again to return to normal play.



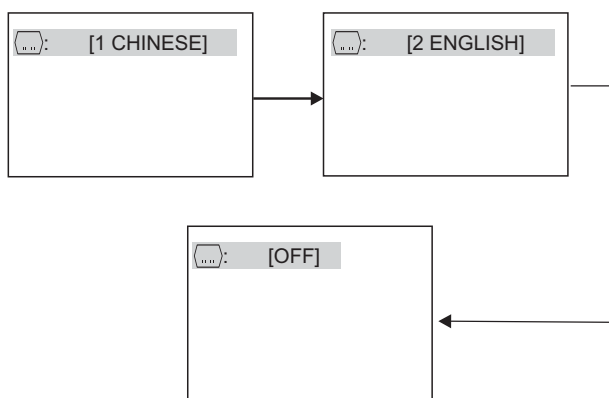
## Changing subtitle language (DVD only)

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 SUBTITLE button during play, the language will change .
2. Press SUBTITLE button continuously until get language what you want.

**NOTE: When no subtitles are recorded, press this button will not work.**

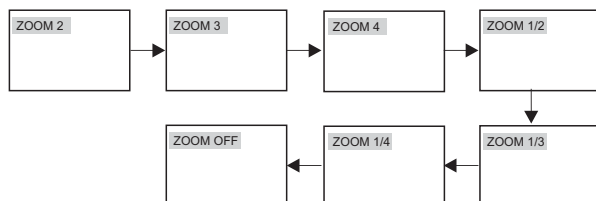
### CHANGING SUBTITLE LANGUAGE



## ZOOM PLAY

This function allow you to enjoy a motion or motionless picture.

- Press ZOOM button when playing, the screen shows:



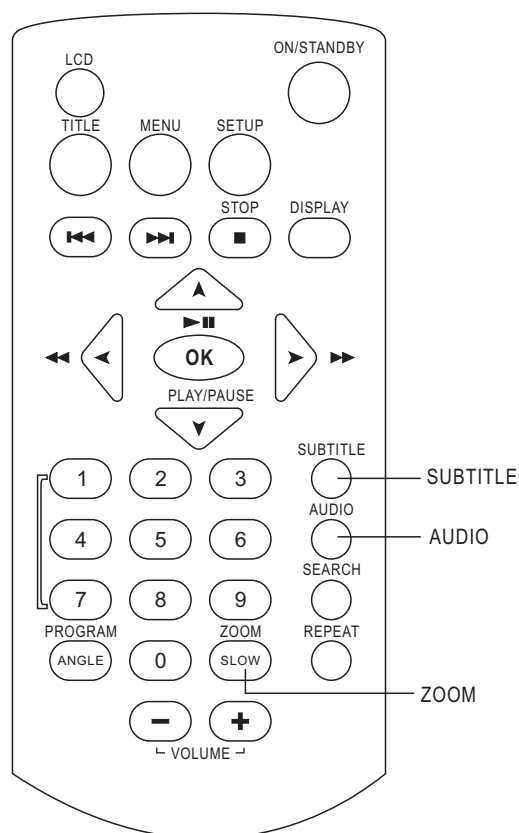
- Press NAVIGATION button to scroll across the enlarged picture.

## Changing audio soundtrack language(DVD/VCD disc)

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).

- Press AUDIO button during playing DVD disc, the screen will change the sound track language and display the current sound track number.
- Pressing AUDIO button during playing VCD disc will change audio output mode: MONO L, MONO R , and stereo (VCD disc only).

**NOTE: When no soundtrack languages are recorded, press this button will not work.**



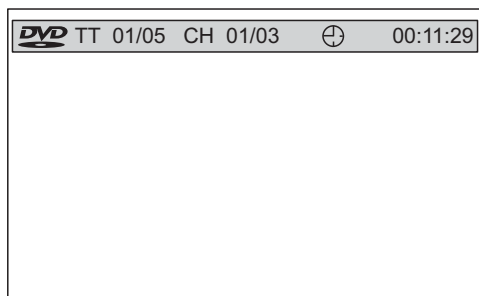
## Viewing from another angle (DVD only)

Some DVDs may contain scenes which have been shot simultaneously from a number of different angles. For these discs, the same scene can be views from each of these different angles using the ANGLE button.

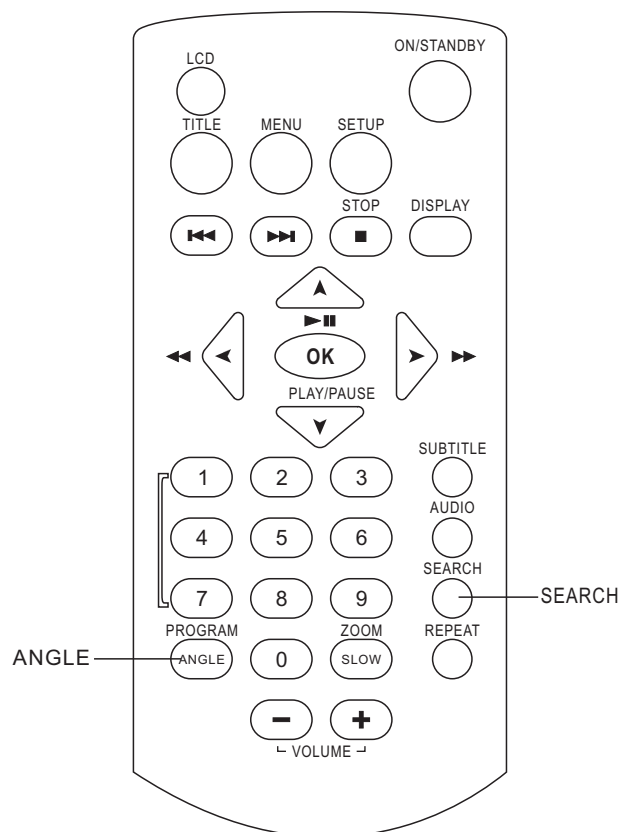
- Press ANGLE during play, number of angle being playback will be displayed in the screen, and change to different angles.
- If the have no multi angle scenes was recorded in the disc, pressing this button will not work.

## Search for preferred scene

1. Press SEARCH button during play, then press left or right Navigation button to select Title, Chapter, or Chapter time to play.
2. Enter the Title, Chapter, Title time or Chapter time to play by using the numeric buttons.
3. Press OK button to confirm selection.
4. To exit search menu, press SEARCH button directly.



Note: TT Time = Title time  
CH Time = Chapter time



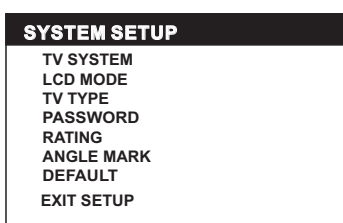
# Initial Settings

- Once the initial programming is entered it is retained in memory until changed, the player can always be operated under the same conditions.
- The settings will be retained in the memory until the settings are changed even after setting the player to the standby mode.

## Common procedure for initial settings

1. Press SETUP button.
2. Use the navigation buttons to select preferred item, then press OK button, each screen for setting the value is displayed.
3. Press SETUP button to close setup menu in any mode.
4. Use left navigation button to switch to another main setup items.

## 1.SYSTEM SETUP



**1.1 TV SYSTEM** - it is used to select the TV mode.

Options: **NTSC / PAL/ AUTO**

Please select this option as per your TV set.

**1.2 LCD MODE** - it is used to select the LCD mode.

Options: 4:3      16:9

**1.3 TV TYPE-** it is used to select the TV scan mode, please set as per your TV set.

Options: **4:3PS** : Normal Pan & scan mode

**4:3LB** : normal Letter box mode

**16:9** : 16:9 wide screen mode

**1.4 PASSWORD/CHANGE** - input password to unlock the system. The steps are as follows:

1.4.1 Enter SYSTEM SETUP , select the PASSWORD item by scrolling the down navigation button, and then press the right navigation button to select the input box.

1.4.2 Input user's password "0000" to unlock it, in this case, select the input box again to change the password by inputting another new four numeric numbers and then press SELECT button to confirm. When the password is changed, you are needed to input the new one to unlock the system.

1.4.3 Once you forget your own password, use the supervisor's password "8200" to unlock it.

**NOTE:** If wrong password was input in unlock status, the system will lock.

**1.5 RATING** - Set the rating of this player. If you want to change the rating of parental lock, please input the password to unlock first.

Options: **1 KID SAFE / 2 G / 3 PG / 4 PG 13 / 5 PG-R / 6 R / 7 NC-17 / 8 ADULT**

**1.6 Angle Mark** - it is used to select whether or not the multi-angle icon is display on the screen when a Multi-angle DVD disc is playing.

**1.7 DEFAULT** - Reset to factory settings.

Options: RESTORE

## 2. LANGUAGE SETUP



**2.1 OSD LANGUAGE** - It is used to select different On Screen Display language for different user.

Options: **ENGLISH**

(The number of these options depends on the customer's need.)

**2.2 AUDIO LANG** - select preferred audio language.(DVD only, need disc software support)

Options: **ENGLISH/SPANISH/PORTUGUESE/ITALIAN/ FRENCH/GERM/N/DUTCH**

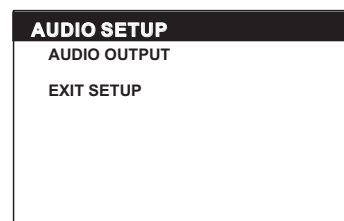
**2.3 SUBTITLE LANG-** Select preferred subtitle language. (DVD only, need disc software support)

Options: **ENGLISH/SPANISH/PORTUGUESE/ITALIAN/ FRENCH/GERMAN/OFF**

**2.4 MENU LANG** - Select preferred disc menu language. (DVD only, need disc software support)

Options: **ENGLISH/SPANISH/PORTUGUESE/ITALIAN/ FRENCH/GERMAN/DUTCH**

## 3. AUDIO SETUP



**3.1 AUDIO OUT** - Set digital output code format.

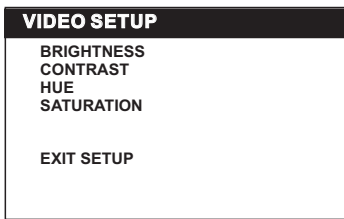
Options: **SPDIF/OFF:** If you are not connecting to an amplifier via digital output, please select this option.

**SPDIF/RAW:** Used in general home theatre, select this can output 5.1 channels audio.

**SPDIF/PCM:** Select this it can only output 2 channel, but you will get higher quality audio output.



## 4. VIDEO SETUP



### 4.1 BRIGHTNESS-- to set the brightness for the display.

Options: 0/2/4/6/8/10/12

### 4.2 CONTRAST--to set the contrast effect for display.

Options: 0/2/4/6/8/10/12

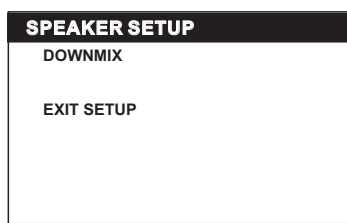
### 4.3 HUE--to set the colour impression for display.

Options: -6/-4/-2/0/+2/+4/+6

### 4.4 SATURATION--to set the saturation level for display.

Options: 0/2/4/6/8/10/12

## 5. SPEAKER SETUP



### 5.1 DOWNMIX

Options: **LT/RT**- Left/Right mix mode

**STEREO**- Select this option if you don't have a 5.1 channels amplifier.

## Definition of terms

### DVD

This refers to a high-density optical disc on which high-quality pictures and sound have been obtained by means of digital signals. Incorporation a new video compression technology (MPEG II) and high-density recording technology, DVD enables esthetically pleasing full-motion video to be recorded over long periods of time (for instance, a whole movie can be recorded). DVD has a structure consisting of two 0.6 mm thin discs which are adhered to each other. Since the thinner the disc, the higher the density at which the information can be recorded, a DVD disc has a greater capacity than a single 1.2 mm thick disc. Since the two thin discs are adhered to each other, there is the potential to achieve double-sided play sometime in the future for even longer duration play.

### Video CD

This contains recordings of pictures and sound whose quality is on a par with that of videotape. This player also supports Video CDs with playback control (version 2.0).

### MP3

These contain recordings of music which are compressed, allowing a significantly larger amount of music to be stored on a CD.

### Angle

Recorded onto some DVD discs are scenes which have been simultaneously shot from a number of different angles (the same scene is shot from the front, from the left side, from the right side, etc.). With such discs, the ANGLE button can be used to view the scene from different angles.

### Subtitles

This is the appearance of the dialogue at the bottom of the screen which are prerecorded on some DVD discs.

### Title number

These numbers are recorded on DVD discs. When a disc contains two or more movies, these movies are numbered as title 1, title 2, etc.

### Chapter number

These numbers are recorded on DVD discs. A title is subdivided into many sections, each of which is numbered, and specific parts of video presentations can be searched quickly using these numbers.

### Time number

This indicates the play time which has elapsed from the start of a disc or a title. It can be used to find a specific scene quickly. (It may not work with some discs.)

### Playback control (PBC)

This is recorded on a Video CD (version 2.0). The scenes or information to be viewed (or listened to) can be selected interactively with the TV monitor by looking at the menu shown on the TV monitor.

### Track number

These numbers are assigned to the tracks which are recorded on Video CDs and CDs. They enable specific tracks to be located quickly.

# Troubleshooting

Before requesting service for this player, check the chart below for a possible cause of the problem you are experiencing. Some simple checks or a adjustment on your part may eliminate the problem and restore proper operation.

Symptom(Common)	Remedy
No power.	Insert the AC power plug securely into the power outlet.
The player is automatically set to the standby mode.	The player is automatically set to the standby mode after approx. 30 minutes in the stop mode (auto power-off function). Turn the power on again.
<ul style="list-style-type: none"> <li>• Play fails to start even when PLAY is pressed.</li> <li>• Play starts but then stops immediately.</li> </ul>	<ul style="list-style-type: none"> <li>• Condensation has formed: wait about 1 to 2 hours to allow the player to dry out.</li> <li>• This player cannot play a disc other than DVD, Video CD and CD.</li> <li>• The disc may be dirty and may require cleaning.</li> <li>• Ensure that the disc is installed with the label side up.</li> </ul>
No picture.	<ul style="list-style-type: none"> <li>• Ensure that the equipment is connected properly.</li> <li>• Ensure that the TFT display mode is ON.</li> </ul>
<ul style="list-style-type: none"> <li>• No sound.</li> <li>• Distorted sound.</li> </ul>	<ul style="list-style-type: none"> <li>• Ensure that the equipment is connected properly.</li> <li>• Ensure that the input setting for the TV and stereo system are correct.</li> <li>• Adjust the master volume using the GUI screen for player information.</li> </ul>
Picture is distorted during rapid advance or rapid reverse.	The picture will be somewhat distorted at times: this is normal.
No rapid advance or rapid reverse play.	Some discs may have sections which prohibit rapid advance (or rapid reverse.)
No operations can be performed with the remote control unit.	<ul style="list-style-type: none"> <li>• Check the battery is installed correctly..</li> <li>• The battery is exhausted: replace it with a new one.</li> <li>• Point the remote control unit at the remote control sensor and operate.</li> <li>• Operate the remote control unit at a distance of not more than 7 m from the remote control sensor.</li> <li>• Remove the obstacles between the remote control unit and remote control sensor.</li> </ul>
No key operation (by the main unit and/or the remote control unit) is effective.	Press POWER to set the player to the standby mode and then back to ON. Alternatively, press POWER to set the player to the standby mode, disconnect the power plug and then re-connect it. (The player may not be operating properly due to lightning, static electricity or some other external factor.)

Symptom [DVD]	Remedy
Play does not start even when title is selected.	Confirm the "2 Ratings" setting.
Audio soundtrack and/or subtitle language is not the initial settings.	If the audio soundtrack and/or subtitle language does not exist on the disc, the language selected at the initial settings will not be seen/heard.
No subtitles.	Subtitles appear only with discs which contain them. Subtitles are cleared from the TV monitor, Perform the steps display the subtitles.
Alternative audio soundtrack (or subtitle) languages fail to be selected.	An alternative language is not selected with discs which do not contain more than one language. In the case of some discs, the alternative language cannot be selected by operating the AUDIO or SUBTITLE button. Try selecting it from the DVD menu if one is available.
Angle cannot be changed.	This function is dependent on software availability. Even if a disc has a number of angles recorded, these angles may be recorded for specific scenes only.
The password for rating level has been forgotten.	Please contact your local sales dealer.

Symptom [Video CD]	Remedy
No menu play.	This function works only for Video CDs with playback control.

## Disc handling and maintenance

### Handling precautions

- Hold the disc by the edges so the surface will not be soiled with fingerprints. Fingerprints, dirt and scratches can cause skipping and distortion.
- Do not write on the label side with a ball-point pen or other writing utensils.
- Do not use record cleaning sprays, benzine, thinner, static electricity prevention liquids.
- Be careful not to drop or bend the disc.
- Do not install more than 1 disc on the disc compartment.
- Do not try to close the disc cover when the disc is not installed properly.
- Be sure to store the disc in its exclusive case when not in use.

### If the surface is soiled

Wipe gently with a soft, damp (water only) cloth.

When wiping discs, always move the cloth from the centre hole toward the occur, which will not cause noise.)

(If you wipe the discs using a circular motion, circular scratches are likely to occur, which will cause noise.)

### If the disc is brought from a cold to a warm environment moisture may form on the disc

Wipe this moisture off with a soft, dry, lint-free cloth before using the disc.

### Improper disc storage

You can damage discs if you store them in the following places:

- Areas exposed to direct sunlight
- Humid or dusty areas
- Areas directly exposed to a heat outlet or heating appliance

### Maintenance

- Be sure to press **POWER** to set the player to the standby mode and disconnect the AC power cord before maintaining the player.
- Wipe this player with a dry, soft cloth.
- If the surfaces are extremely dirty ,wipe clean with a cloth which has been dipped in a weak soap-and-water solution and wrung out thoroughly, and then wipe again with a dry cloth.
- Never use alcohol, benzine, thinner, cleaning fluid or other chemicals. And do not use compressed air to remove dust.

## MACROVISION Information

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