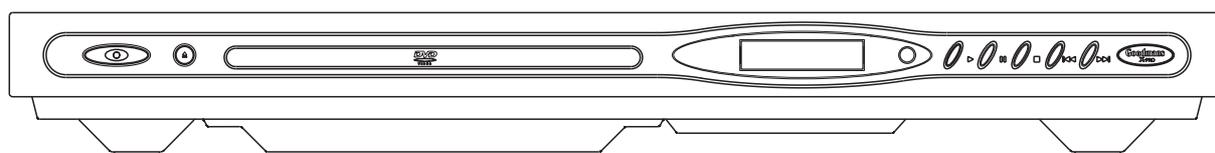


# Goodmans

## User Manual

DVD/CD Player

Model:GDVD148



Before attempting to connect, operate or adjust this player, please read these instructions completely.  
Please save this manual.

**Goodmans Product Information Helpline 0870 873 0080**

## Safety information

### CAUTION:

DVD/VIDEO CD/CD PLAYER IS A CLASS 1 LASER PRODUCT. HOWEVER THIS DVD/VIDEO CD/CD PLAYER USES A VISIBLE LASER BEAM WHICH COULD CAUSE HAZARDOUS RADIATION EXPOSURE IF DIRECTED. BE SURE TO OPERATE THE DVD/VIDEO CD/CD PLAYER CORRECTLY AS INSTRUCTED.

WHEN THIS DVD/VIDEO CD/CD PLAYER IS PLUGGED TO THE WALL OUTLET, DO NOT PLACE YOUR EYES CLOSE TO THE OPENING OF THE DISC TRAY AND OTHER OPENINGS TO LOOK INTO THE INSIDE OF THIS PLAYER.

USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

DO NOT OPEN COVERS AND DO NOT REPAIR YOURSELF. REFER SERVICING TO QUALIFIED PERSONNEL.

### WARNING:

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, AND ANNOYING INTERFERENCE, USE THE RECOMMENDED ACCESSORIES ONLY.

THIS DEVICE IS INTENDED FOR CONTINUOUS OPERATION!

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

(Back of player)



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.

CAUTION - LASER RADIATION WHEN OPEN.  
DO NOT STARE INTO BEAM.

(Inside of player)

**VENTILATION WARNING:**  
THE NORMAL VENTILATION OF THE PRODUCT SHALL NOT BE IMPEDED FOR INTENDED USE.

## Important safeguards

For your own safety read following instructions carefully before attempting to connect this clock radio to the mains .

Main Supply:230V, 50Hz ,AC only

This unit is designed to operate on a 230V,50Hz supply only. Connecting it to other power sources may damage it. Ensure that the supply corresponds to the information on the rating label on the bottom of the unit.

This component system may be fitted with a non-rewireable plug. If it is necessary to change the fuse in a non-rewireable plug the fuse cover must be refitted. If the fuse cover becomes lost or damaged, the plug must not be used until a replacement , available from the manufacturer, is obtained. It is important that the colour of the replacement fuse cover corresponds with the colour marking on the base of the plug.

If the plug needs to be changed because it is not suitable for your socket or becomes damaged. It should be cut off and an appropriate plug fitted following the wiring instructions below. The plug must then be disposed of safely, as insertion into a 13A socket is likely to cause an electricity hazard.

### IMPORTANT

The wires in the mains plug should be connected as shown in the diagram.

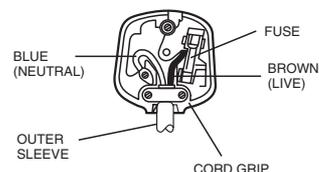
The colours of the wires in the mains lead of the unit may not correspond with coloured markings identifying the terminals in your plug. Connect them as follows :

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

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

There should be no connection to the earth terminal of your plug.

If a 13Amp(BS 1363) Plug is used, a 3 Amp Fuse must be fitted , or if any other type of Plug is used a 3 Amp or 5 Amp Fuse must be fitted, either in the Plug or Adaptor , or on the Distribution Board.



This symbol means that this unit is double insulated.  
An earth connection is not required.

### DANGER

#### LASER SAFETY

CAUTION : USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE, INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCK FAILED OR DEFEATED , AVOID DIRECT EXPOSURE TO BEAM.

This unit employs a laser. Only a qualified service person should remove the cover or attempt to service.



### CAUTION

To prevent electric shock, disconnect from the mains before removing cover. No user serviceable parts inside. Refer servicing to qualified service personnel.

# Important notes

To achieve the utmost enjoyment and performance, please read this manually carefully before attempting to operate the unit in order to become familiar with its features, and assure you years of faithful , trouble free performance and listening pleasure.

## Important Notes

- Keep instructions the safety and operating instructions should be retained for future reference.
- Avoid installing the unit in locations described below :  
Exposed to direct sunlight or close to heat radiating appliances such as electric heaters.  
On top of other stereo equipment that radiate too much heat.  
Places lacking ventilation or dusty places.  
Places subject to constant vibration.  
Humid or moist places.
- Make sure not to obstruct the ventilation opening.
- Operate turning controls and switches as instructed in the manual.
- Before turning on the power for the first time, make certain the power cord is properly installed.
- Store your tapes or CD in a cool area to avoid damage from heat.

For safety reasons, do not remove any covers or attempt to gain access to the inside of the product.  
Refer any servicing to qualified personal.

Do not attempt to remove any screws, or open the casing of the unit; there are no user serviceable parts inside , refer all serving to qualified service personal.



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



### DANGEROUS VOLTAGE

Conductor dangerous voltage, that may be of sufficient magnitude to institute a risk of electric shock to persons is present within this product's enclosure.



### ATTENTION

The owner's manual contains important operating and maintenance instructions, for your safety. It is necessary to refer to the manual.

**WARNING :** TO PREVENT FIRE OR SHOCK HAZARD , DO NOT EXPOSE THIS APPLIANCE TO DRIPPING OR SPLASHING.

### Note :

This unit will become warm when used for a long period of time . This is normal and does not indicate a problem with the unit.

# Important notes

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

## ESTABLISH A SAFE SOUND LEVEL

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

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

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

## DECIBEL

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

## THE FOLLOWING NOISE CAN BE HARMFUL UNDER CONSTANT EXPOSURE

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

## PERMANENT LOSS OF HEARING

140dB	THRESHOLD OF PAIN GUNSHOT 2 feet away, let plant taking off.
-------	--

# Table of contents

## **Getting Started:**

Safety information .....	1
Important safeguards.....	2
Important notes.....	3,4
Features .....	6
Accessories .....	7
Precautions .....	7
Control reference guide .....	8,9
Basic connection .....	10,11
Optional audio connections .....	12,13
Remote control unit preparation .....	14

## **Basic Operation:**

<b>Basic play .....</b>	<b>15</b>
Preparations .....	15
Basic play .....	15
<b>Stopping play.....</b>	<b>16</b>
Skipping ahead or back.....	16
Rapid advance / (Rapid reverse).....	16
Pause/step play.....	16
<b>Slow-motion play [DVD/VCD].....</b>	<b>17</b>
<b>Mp3 playback.....</b>	<b>17</b>
Basic play.....	17
Play mode.....	17
<b>Picture CD.....</b>	<b>18,19</b>
Play mode.....	18
Skip to next/previous pictures.....	18
Rotating pictures.....	18
Flipping pictures.....	18
Picture zoom.....	18
Slide show effects.....	19
<b>Enjoying Video CDs with playback control....</b>	<b>19</b>
<b>ON Screen display information.....</b>	<b>20</b>

## **Advanced Operation:**

<b>Program play .....</b>	<b>20</b>
<b>Repeat play.....</b>	<b>21</b>
Repeat viewing(listening) .....	21
A-B repeat play.....	21
<b>Changing subtitle language [DVD only] .....</b>	<b>22</b>
<b>Changing audio soundtrack language.....</b>	<b>22</b>
[DVD/VCD disc] .....	22
<b>Viewing from different angle [DVD only] .....</b>	<b>23</b>
<b>Search for preferred scene ....</b>	<b>23</b>

## **Initial Settings:**

General setup.....	24
Audio setup.....	25
Video setup.....	25
Preference setup.....	25
Password Setup.....	25

## **FOR REFERENCE:**

<b>Definition of terms .....</b>	<b>26</b>
<b>Specifications .....</b>	<b>26</b>
<b>Troubleshooting.....</b>	<b>27</b>
<b>Disc handling and maintenance.....</b>	<b>28</b>

## 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.

- **12 bit video D/A converter**

With its 12 bit capability, this D/A converter reproduces images faithfully.

### MULTI TV SYSTEM

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

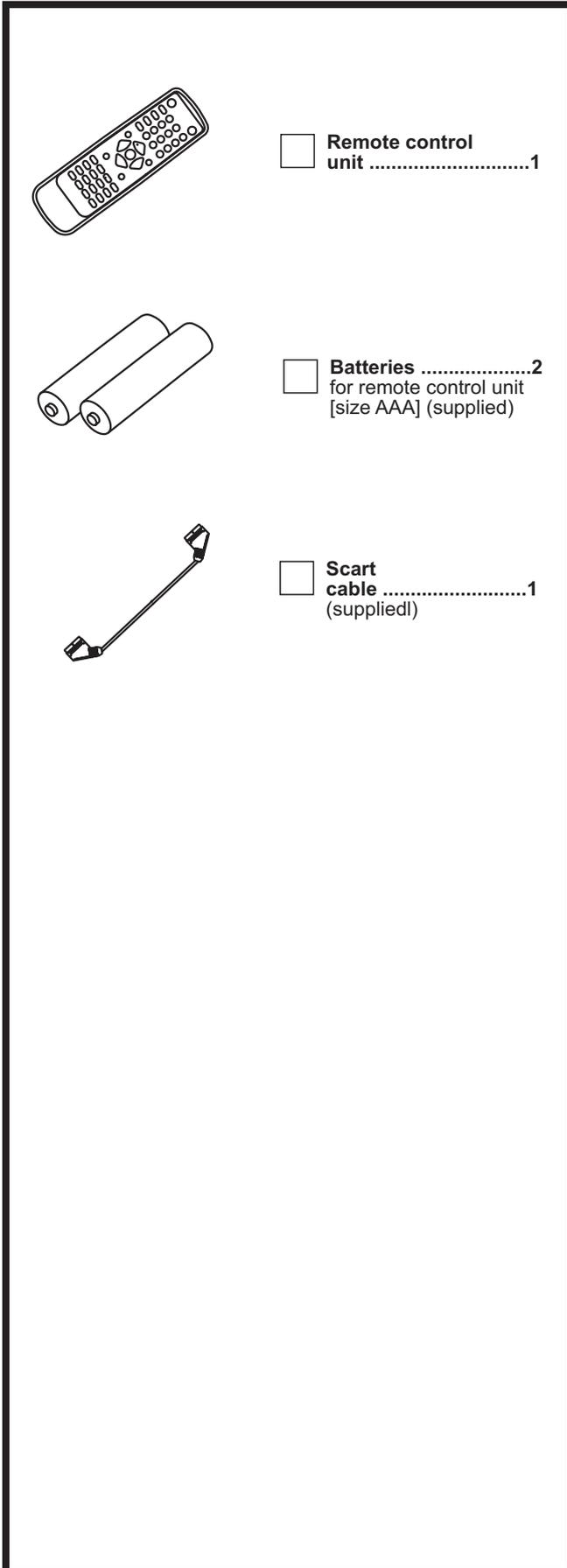
This can prevent play of DVD unsuitable for children.

### DISC FORMATS SUPPORTED BY PLAYER

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



# Accessories/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.

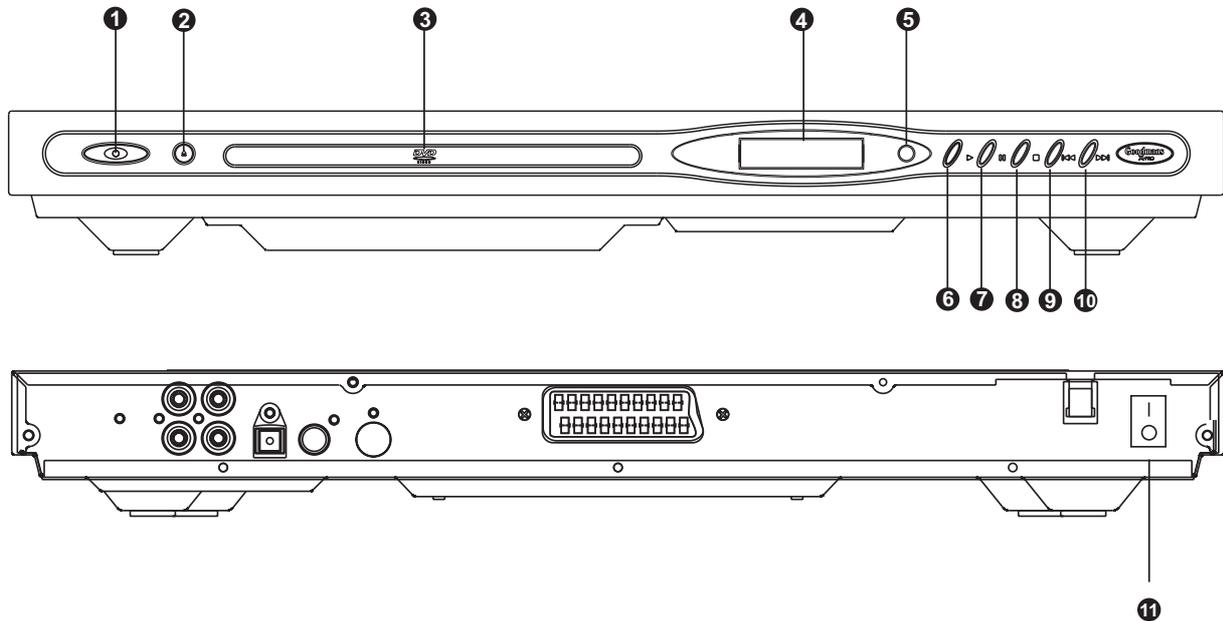
If moisture forms inside this player, it may not operate properly. In this case, turn off the power and wait about one hour for the moisture to evaporate.

## 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



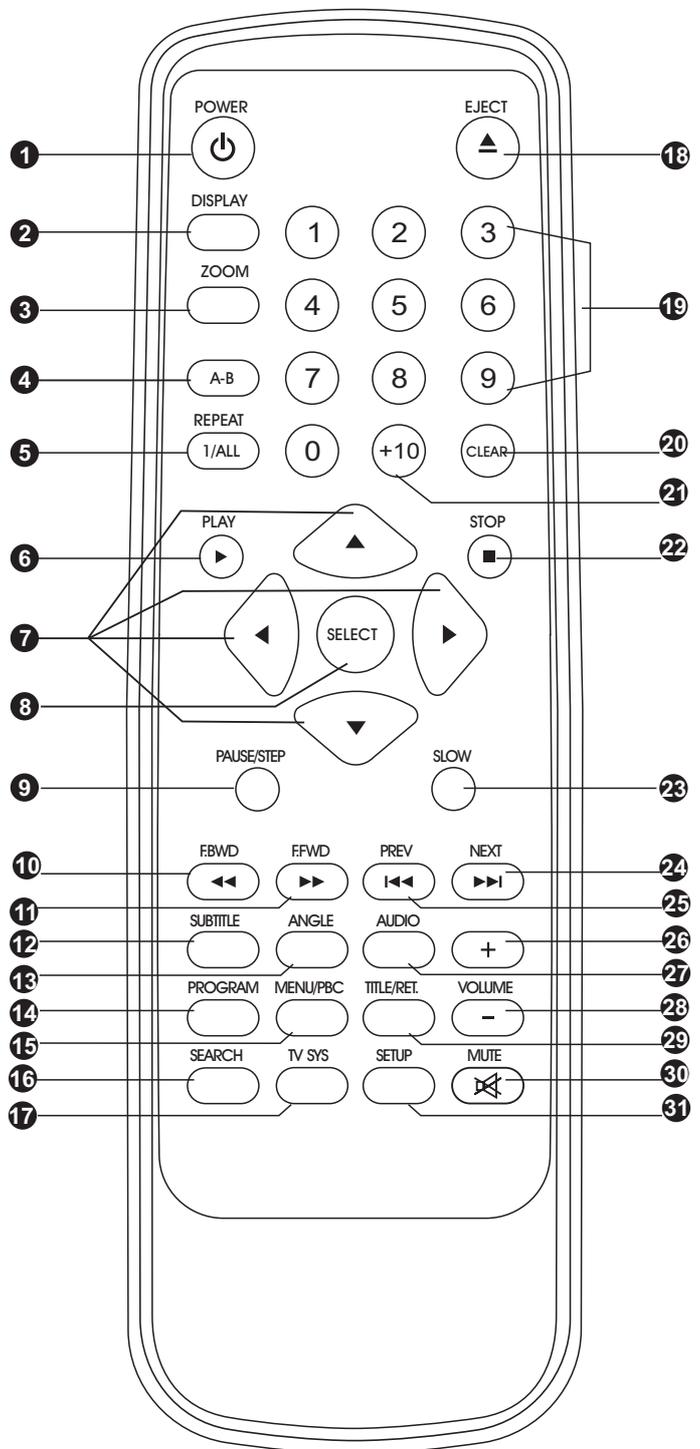
- ① **POWER button**-Press to switch on the player .
- ② **EJECT button**-The tray in and tray out switch button.
- ③ **Disc tray**
- ④ **Display window**-Display all information about DVD work Scene.
- ⑤ **Remote control signal sensor**-Receive the signal from the remote control.
- ⑥ **PLAY button**-Press this button ,the playerwill start to play the disc.

- ⑦ **PAUSE button**-Press this button to halt the playing disc during the player playback the disc .
- ⑧ **STOP button**-Press this button to stop playing disc during the player playback the disc .
- ⑨ **RREV button**- Press this button to skip the REVIOUS chapter or title or track.
- ⑩ **NEXT button** - Press this button to skip the NEXT chapter or title or track.
- ⑪ **MAIN POWER switch**- Before you can operate this DVD player, please switch main power to ON position.

# Control reference guide

## Remote control unit

- 1 **POWER button**- Press this button to set the player to standby on or off state (if the main power of the set is on)
- 2 **DISPLAY button** -Press Display button continuously during the playback, the screen will display the elapsed time and remaining time.
- 3 **ZOOM button** -Press ZOOM button to enlarge picture size.
- 4 **REPEAT A-B button** -Press this button, the player will repeat sections between two specific points (A-B).
- 5 **REPEAT 1/ALL button** -Press this button, the player will repeat play one chapter or one title (for DVD), or repeat play the current track or the whole tracks (for VCD/CD).
- 6 **PLAY button** -Press this button, the play will start to play the disc.
- 7 **NAVIGATION button** -Left navigation button
- 8 **SELECT button**--Press this button to confirm what you select.
- 9 **PAUSE/STEP button** -Press this button will halt or show the movie one picture each time.
- 10 **F.BWD button**- the button has the function as the button has on the front panel.
- 11 **F.FWD button**- The button has the function as the button has on the front panel.
- 12 **SUBTITLE button**-this button will display the different language on the screen
- 13 **ANGLE button** -Press this button will display the angle number and change to different angles.
- 14 **PROGRAM button** -Press this button can setup the memory order of chapter or title (for DVD) or tracks (for CD).
- 15 **MENU/PBC button** -Select Playback Control for VCD if PBC is on, when you press return button, the player will stat at the VCD root.
- 16 **SEARCH button** -Press this button during play then press NUMERIC button to choose number corresponding to the desired point
- 17 **TV system button** -Press this button to directly change The TV system among CVBS and RGB .
- 18 **EJECT button**- The tray in and tray out switch button
- 19 **NUMERIC button**- Use these buttons to select the track.
- 20 **CLEAR button** -Press this button, the information on the screen will all be cleared.
- 21 **+10 button** - add ten tracks or chapters by pressing each time.
- 22 **STOP button** -Press this button, the player will stop playing.
- 23 **SLOW button** -Press this button during playback the play speed will be reduced
- 24 **NEXT button** -Press this button, the scene will skip to the next chapter or the next track.
- 25 **PREV button** -Press this button, the scene will skip to the PREVIOUS chapter or the track
- 26 **VOLUME + button** -Press this button, the volume will increase
- 27 **AUDIO button** -Select the sound track
- 28 **VOLUME - button** -Press this button, the volume will reduce
- 29 **TITLE button** -Play the title (DVD) or return root ( VCD)
- 30 **MUTE button** -the audio output of the main unit is to be shut off by pressing this button.
- 31 **SETUP button** -press this button will enter initial settings menu



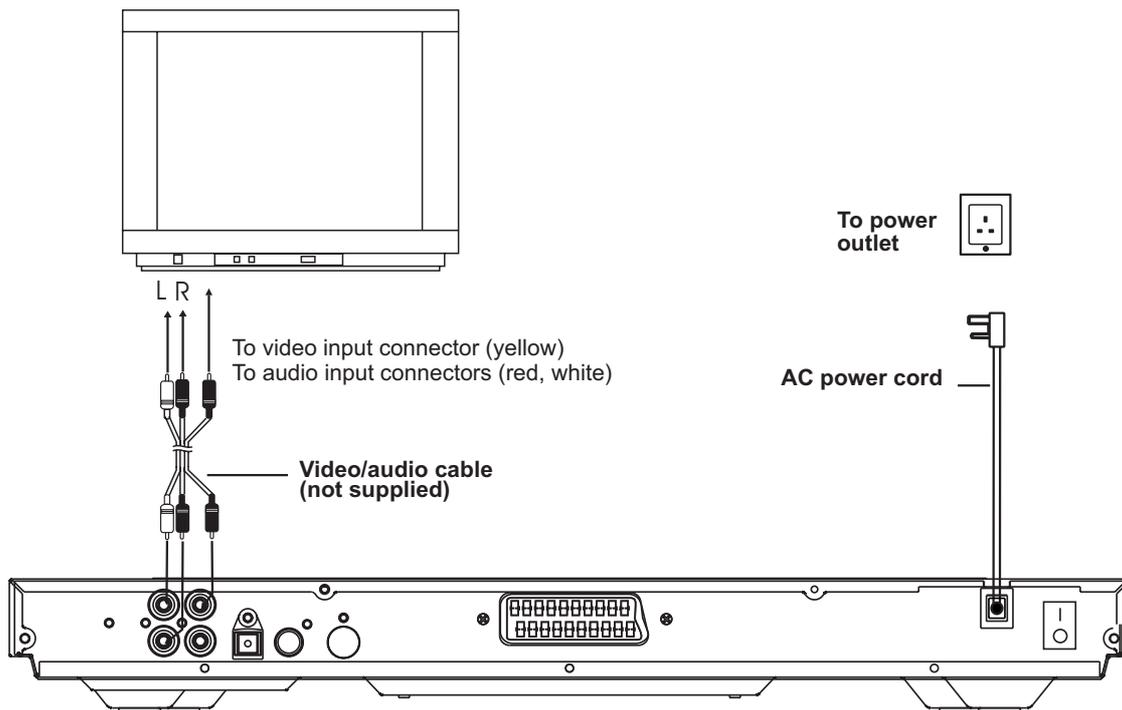
## Basic connection

- 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.

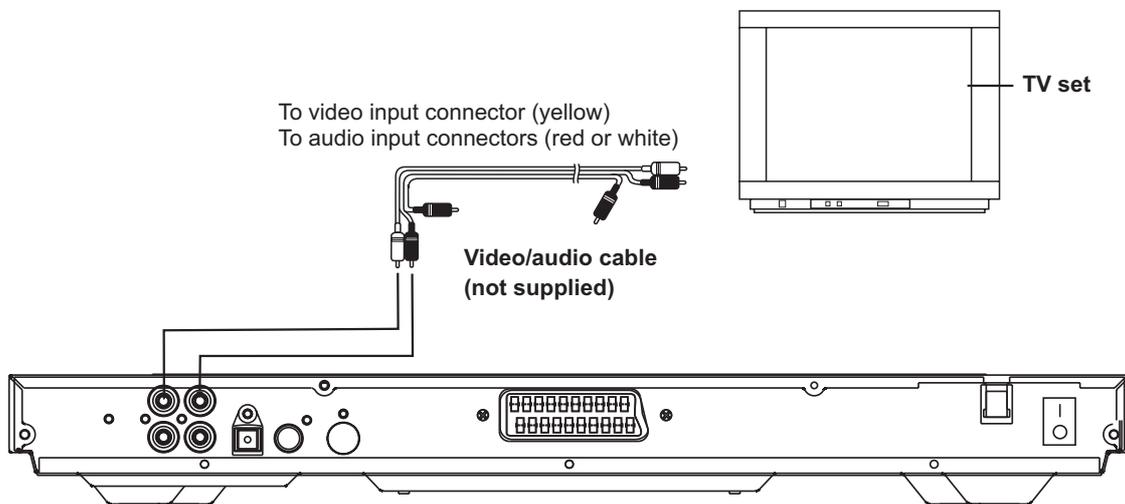
### Note:

- 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

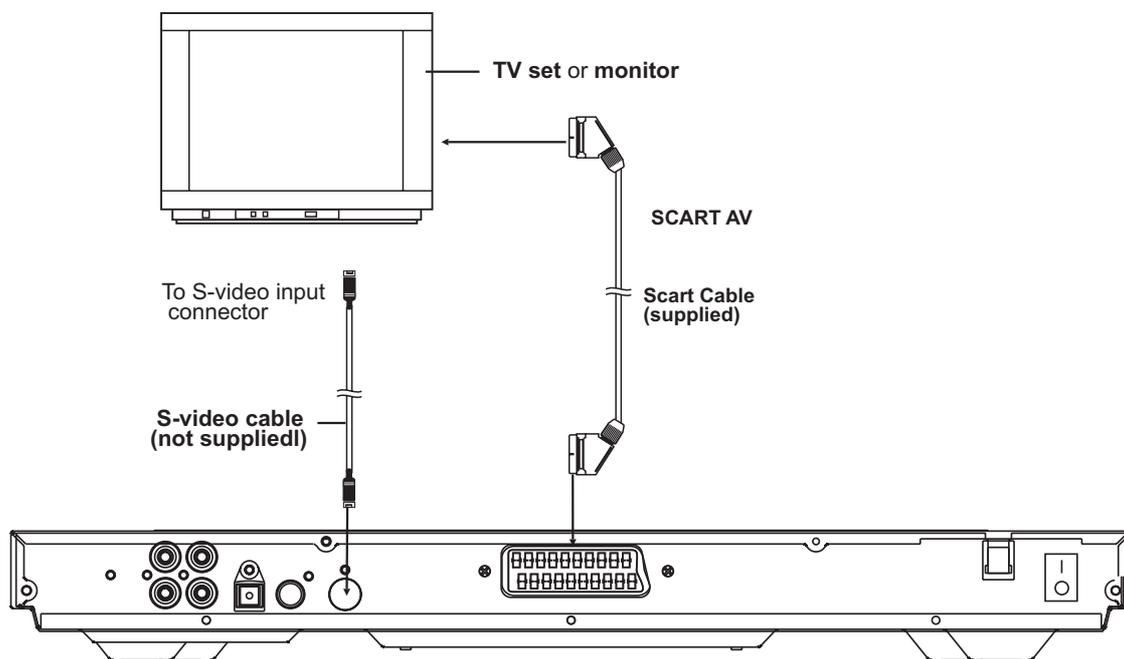


### Connecting to a monaural TV set



# Basic connection

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



### S-video output connectors

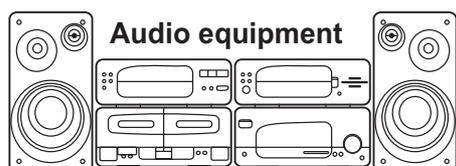
The S (separate) video output connector separates the color (C) and luminance (Y) signals before transmitting them to the TV set in order to achieve a sharper picture.

Use the S-video cable(not supplied) when connecting the player to a TV set equipped with an S-Video input connector for the best picture clarity possible.

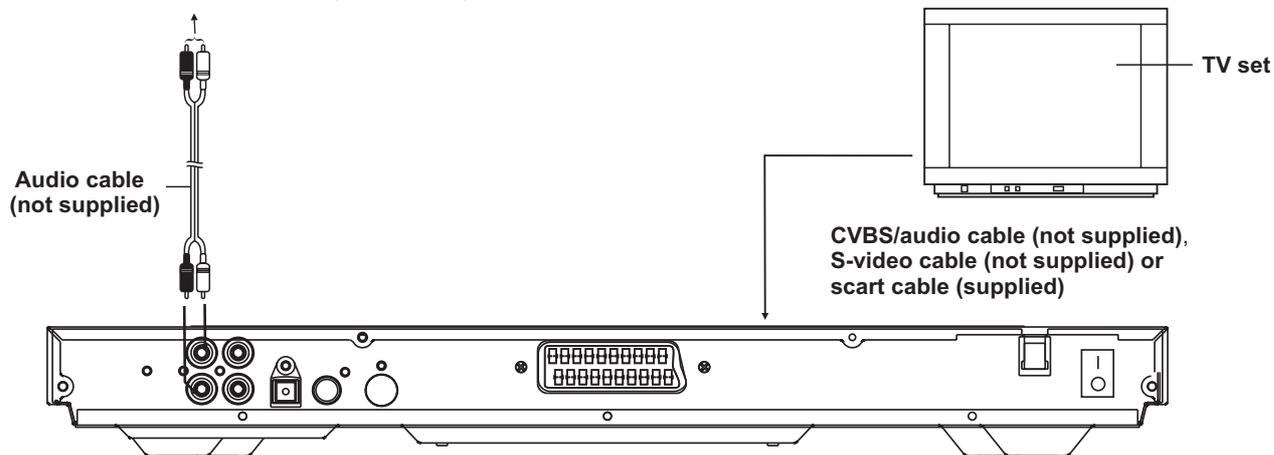
The SCART connector outputs the color signals (red , green, blue) in order to achieve high fidelity in reproducing colors.

📁 The description of the component video input connectors may differ depending on the TV set or monitor. Refer to the instruction manual of your TV set for details.

## Connecting to audio equipment



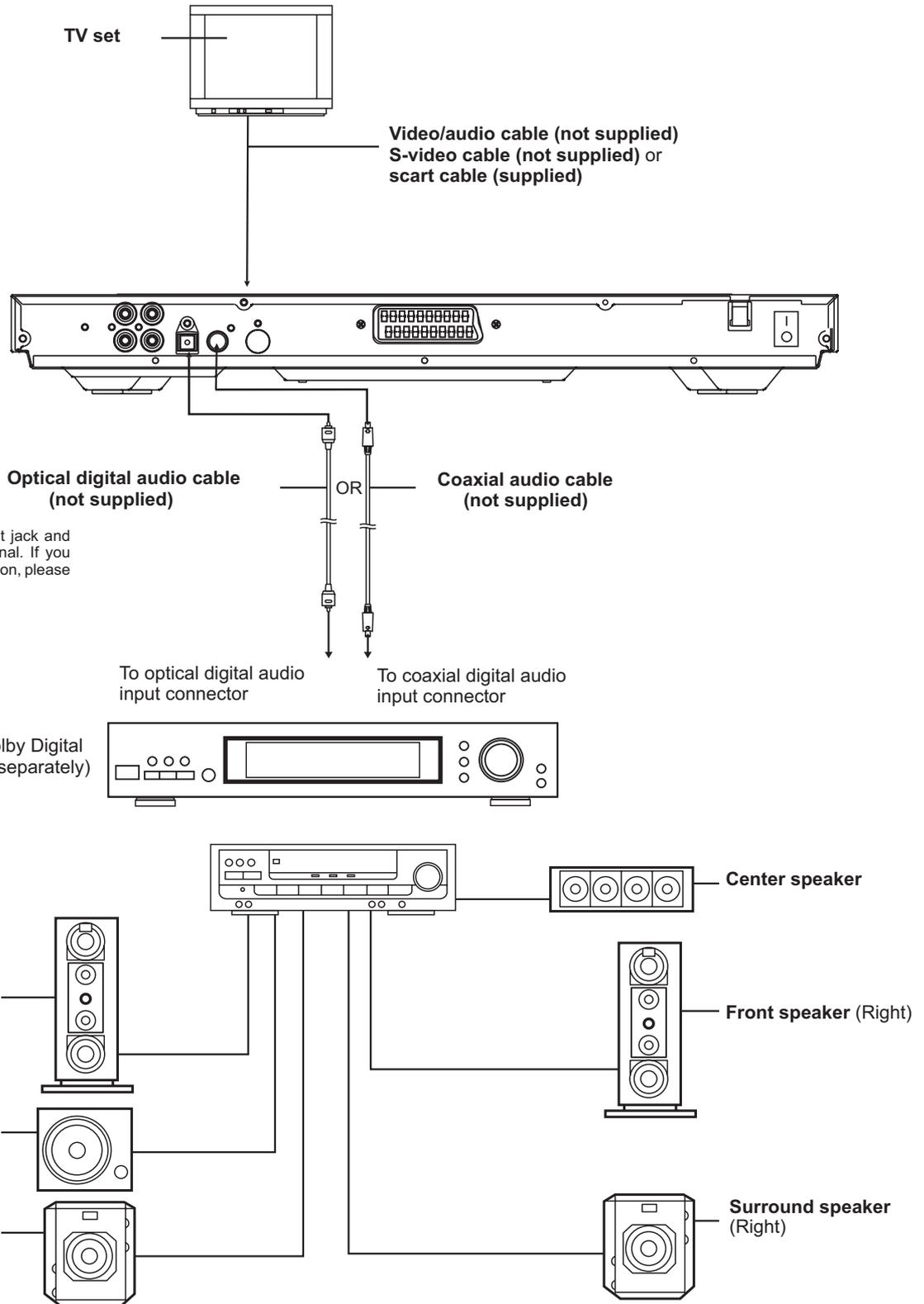
To audio input connectors (red, white)



# Optional audio connections

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

When DVD recorded in Dolby Digital are played, Dolby digital bitstream is output from the player's OPTICAL digital audio output connector or COAXIAL digital audio output connector. When the player is connected to a Dolby Digital decoder, you can enjoy theater-quality audio in your home. [An optical digital audio cable or coaxial audio cable (both not supplied) is required when an optional Dolby digital decoder is used.]



## Optional audio connections

### Notes when connecting the optical digital audio cable (not supplied)

- Remove the dust protection cap from the optical digital audio output and connect the cable (not supplied) firmly so that the configurations of both the cable (not supplied) and the connector match.
- Keep the dust protection cap and to protect against dust, always reattach the cap when not using the connector.

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

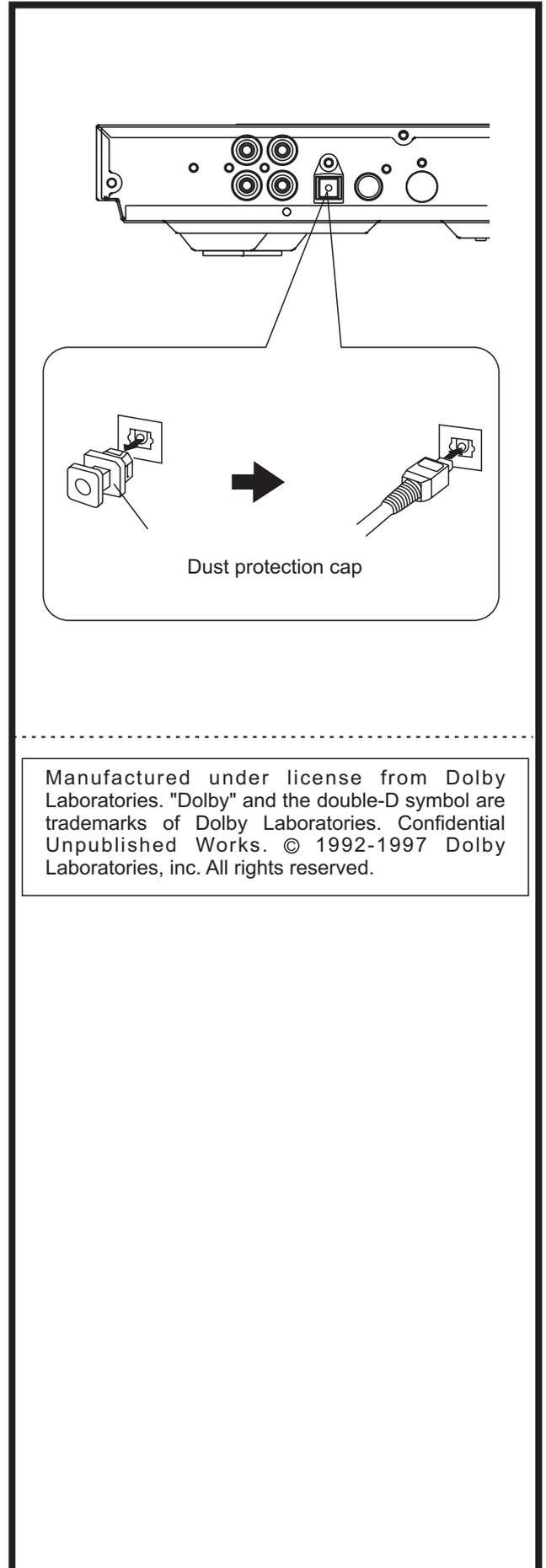
Disc	Sound recording format	Optical/coaxial digital audio output from connector
DVD	Dolby Digital (AC-3)	Dolby Digital bitstream (2-5.1ch) or PCM (2ch) (48 kHz/16 bit)*1
	Linear PCM (48/96 kHz 16/20/24 bit)	Linear PCM (2ch) (48 kHz sampling/16 bit only)*2 or no output*1
Video CD	MPEG 1	PCM (44.1 kHz 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 or 96KHz sampling when it is output from the player's optical / 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.
- 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.

# 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 2 size AAA batteries.

### Note:

- Do not use rechargeable (Ni-Cd) batteries.
- 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**

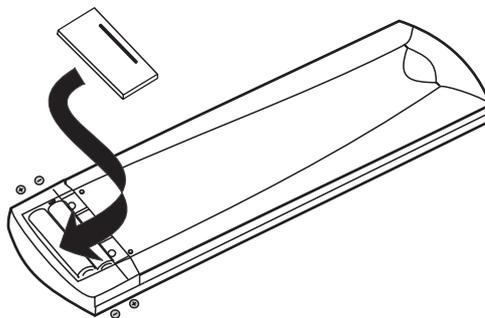
Point the remote control unit from no more than about 7 m from the remote control sensor and within about 60° of the front of the player.

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

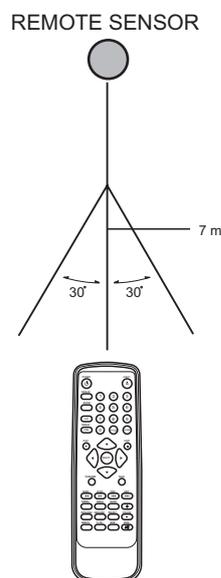
### Note:

- 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

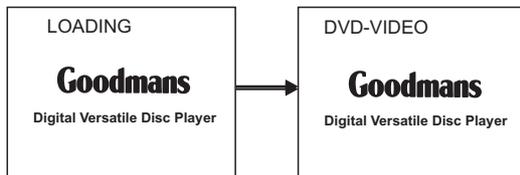
Switch the TV ON and select "Video" as the TV input. Switch on the stereo system's power if the player has been connected to a stereo system.

### Basic play

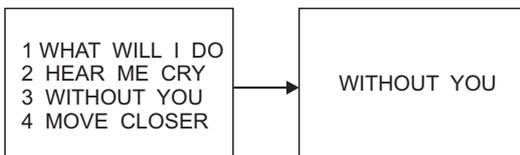
1. Press POWER to switch on the power.
2. Press EJECT to open the disc tray.



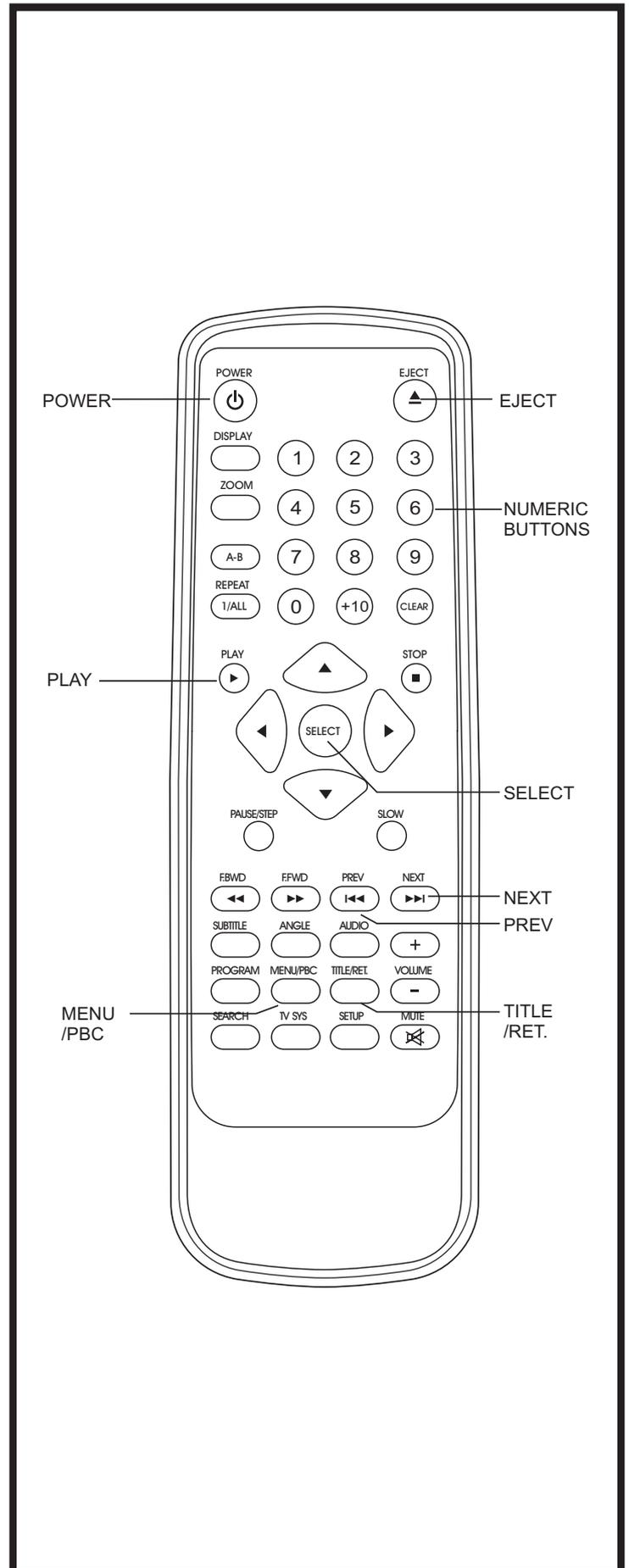
3. Place a disc onto the disc tray. Hold the disc without touching either of its surfaces, position it with the printed title side facing up, align it with the guides, and place it in its proper position.
4. Press EJECT. The disc tray is automatically closed and play begins. When the disc tray is closed by pressing EJECT, the player will 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) DVD, PRESS TITLE, MENU or RETURN. Video CD, press RETURN.



# 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.

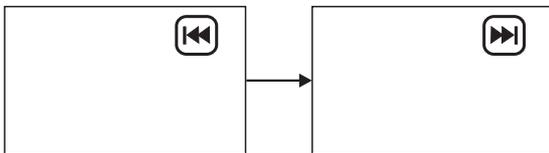
## Skipping ahead or back

### Skipping back

Press PREV SKIP ◀◀ button during play  
A chapter (DVD) or a track (Video CD/CD) is skipped each time the button is pressed.

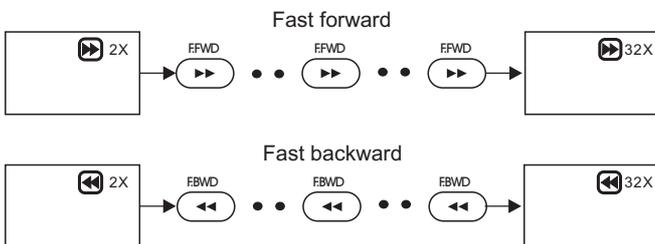
### Skipping ahead

Press NEXT SKIP ▶▶ button during play  
A chapter (DVD) or a track (Video CD/CD) is skipped each time the button is pressed.



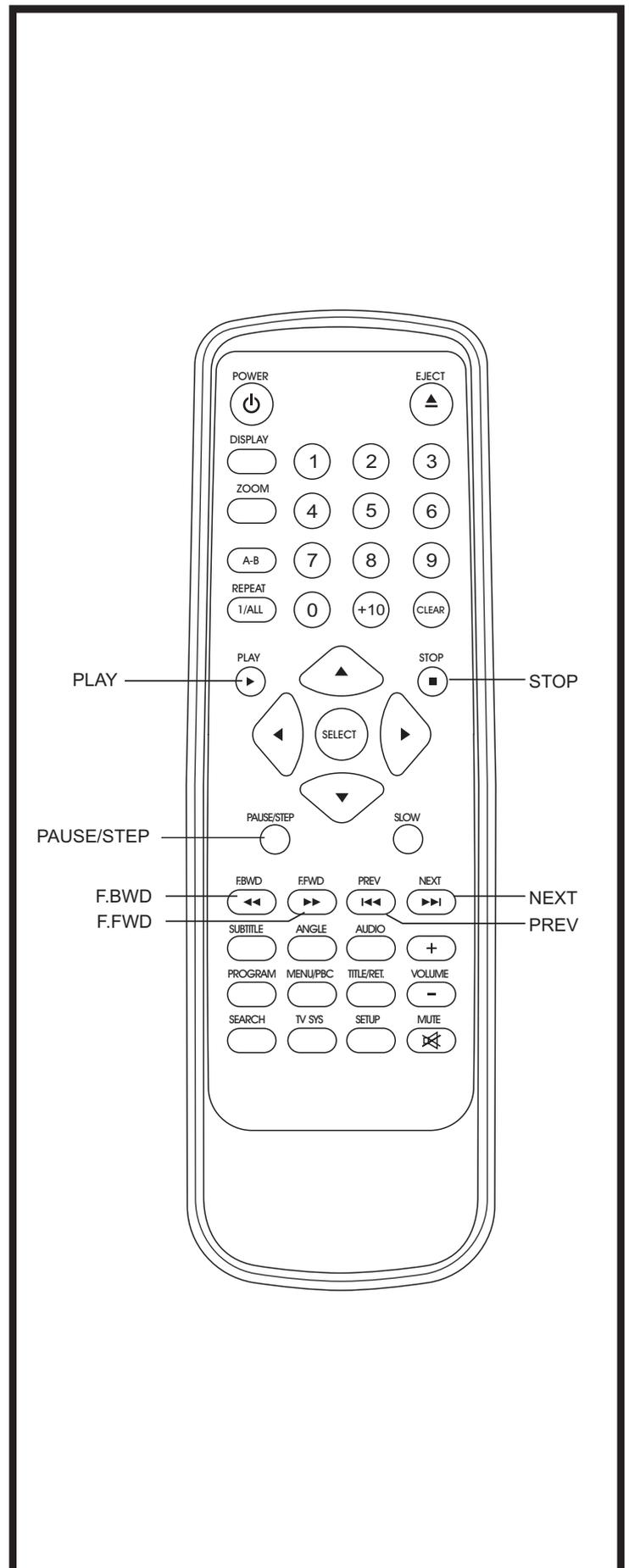
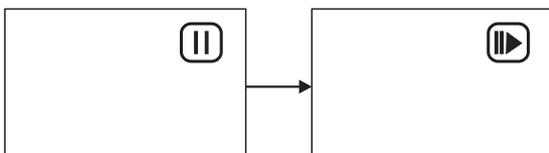
## Rapid advance (Rapid reverse)

During playback, press F.FWD button ▶▶ or F. BWD button ◀◀ to fast forward/rewind.  
Press PLAY button to resume normal play.



## Pause or step play

During playback, press PAUSE/STEP ▮▮ button, the play will be paused, and in this mode, each time the PAUSE/STEP ▮▮ button is pressed, the player will only play one picture, to resume normal play, press PLAY ▶ button.



## Slow-motion play (DVD/VCD)

On the remote control unit

Press SLOW  button during playback.

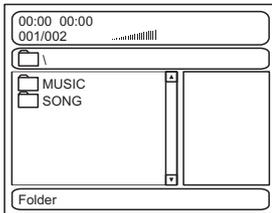
- Plays the disc at a 1/2 of normal speed at first. Each time the button is pressed, the play speed becomes slow
- Press PLAY button, normal play will resume.



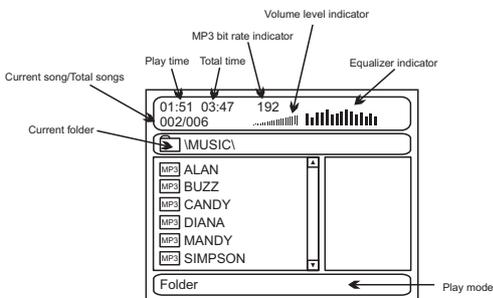
## MP3 playback

### Basic play

1. Insert the 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 SELECT button to confirm.
3. The files in this folder are displayed and select your favourite song by using the up/down navigation buttons and press SELECT button to start playback.

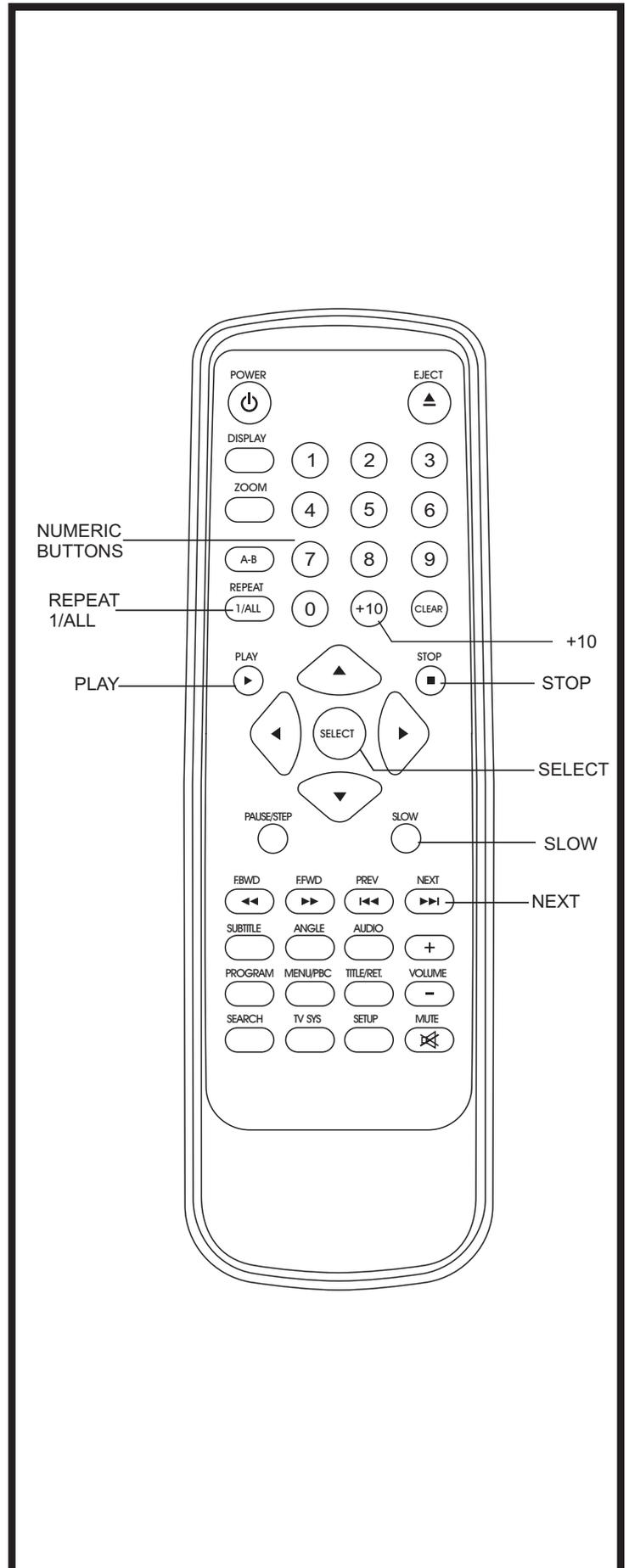


**Note:** Maximum 14 characters including space can be displayed for the filename.  
Non-English file name will not be displayed correctly

4. Press NEXT button to see the next page or PREV button to see the previous page
5. Press REPEAT 1/all button change play mode.

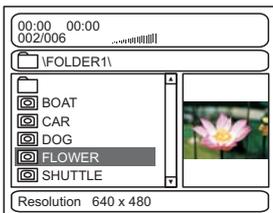
### Play mode:

- FOLDER - all the files in the folder will be played.
- SHUFFLE - All the files will be randomly sorted and play by the order
- RANDOM-randomly select any file to play.
- SINGLE - play one file only.
- REPEAT ONE - repeat one file.
- REPEAT FOLDER - all the files in the folder will be played repeatedly.



# Kodak Picture CD / JPEG CD

- If Kodak Picture CD is inserted, slide show begins automatically.
- For JPEG picture CD, select the folder you want to play by the navigation buttons and press SELECT button to confirm.
- The files in this folder are displayed and select your favourable pictures by using the up/down navigation buttons and press SELECT button to start playback. Thumbnail of picture will be displayed while you scrolling across the file name.



## Play mode:

- SHUFFLE - All the files will be randomly sorted and play by the order
- RANDOM-randomly select any file to play.
- SINGLE - play one file only.
- REPEAT ONE - repeat one file.
- REPEAT all - all the files in the folder will be played repeatedly.

Once a folder and file is selected, the picture is loaded onto the TV screen.



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

During playback, press MENU button to return to folder selection or STOP button 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

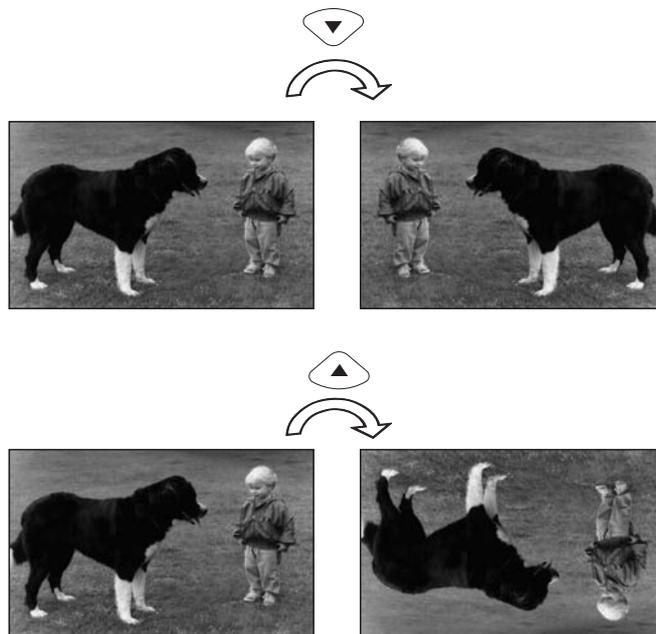
- Press RIGHT navigation button to rotate the picture clockwise.
- Press LEFT navigation button to rotate the picture counter-clockwise.



(Continued on the next page)

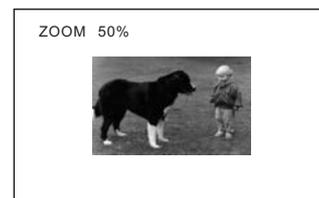
## Flipping pictures

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

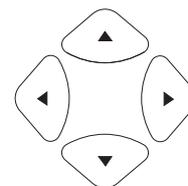


## Picture Shrink/Zoom

- Press ZOOM button to enter the zoom mode
- Press F. FWD button to enlarge picture to 100%, 125%, 150% and 200%
- Press F. BWD button to shrink enlarge pictures to 50%, 75%, and 100%



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



# Picture CD

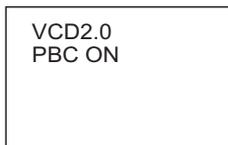
## Slide show effects

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

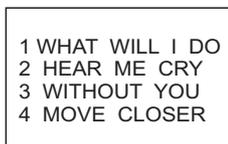
- 1 WIPE TOP
- 2 WIPE BOTTOM
- 3 WIPE LEFT
- 4 WIPE RIGHT
- 5 DIAGONAL WIPE LEFT TOP
- 6 DIAGONAL WIPE RIGHT TOP
- 7 DIAGONAL WIPE LEFT BOTTOM
- 8 DIAGONAL WIPE RIGHT BOTTOM
- 9 EXTEND FROM CENTRE H
- 10 EXTEND FROM CENTRE V
- 11 OMPRESS TO CENTER H
- 12 COMPRESS TO CENTER V
- 13 WINDOW H
- 14 WINDOW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

## Enjoying Video CDs with playback control

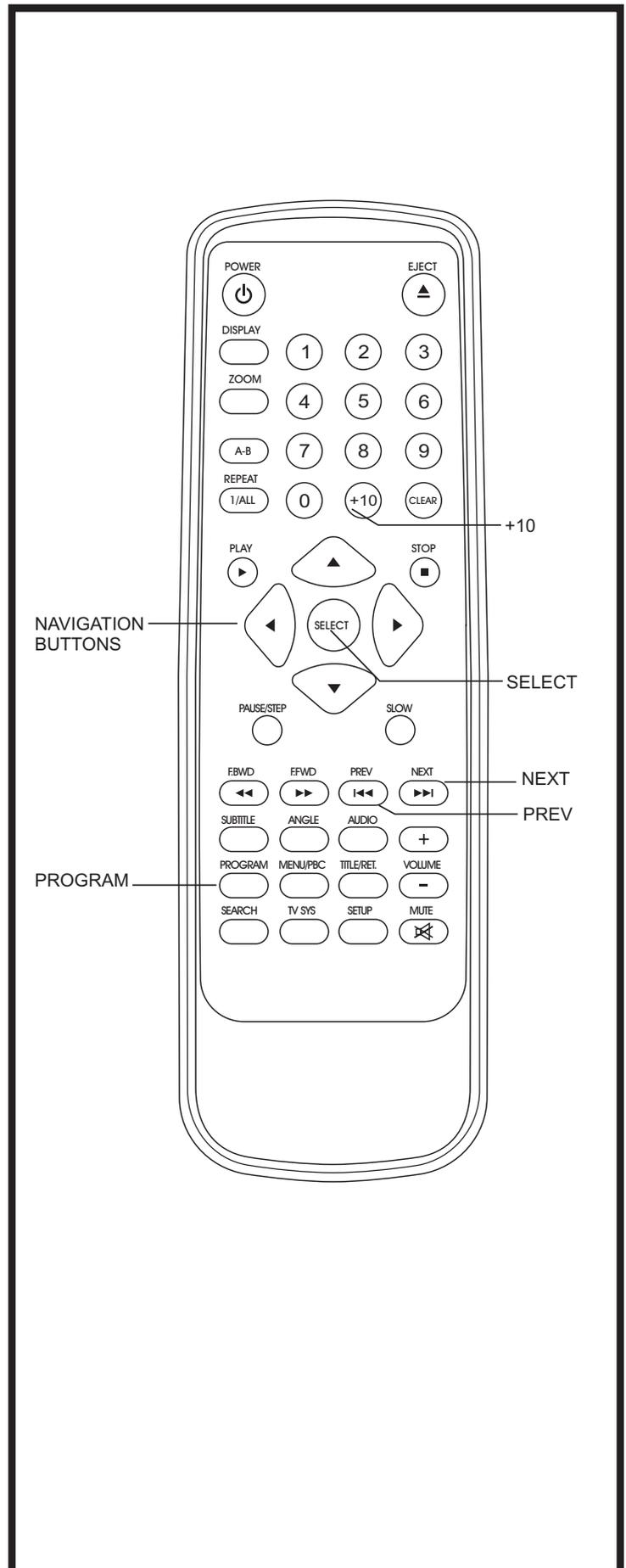
- When playing VCD 2.0/3.0 with PBC, the player will show The VCD version and PBC status on the screen



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

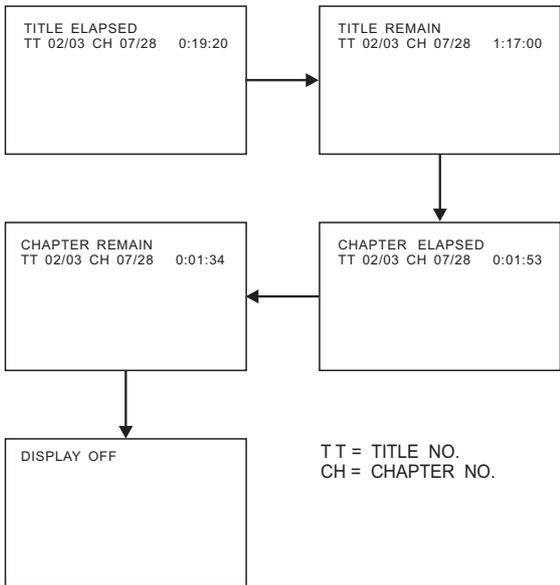


- Press numeric buttons to select corresponding track, if the track number is under 10, choose one of the numeric buttons 0~9.
- If the track number is exceed 10, press +10 button firstly, then press numeric buttons 0~9.
- During playback, press RETURN button to return to main menu.
- Press NEXT SKIP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



# ON Screen display information

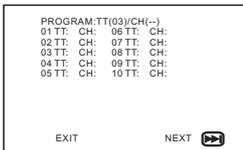
When the player is under operation, press DISPLAY button continuously on the remote control, the screen will display sequentially parts of information, all information and clear information..



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

# Program play

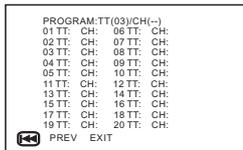
The player plays the tracks in the disc in an order you desired.  
1. Press PROGRAM button and the screen will display the program menu.



2. Press navigation buttons to choose memory index and then press SELECT button to start input. Enter desired Titles/Chapters numbers by using the numeric buttons. The selected Titles/Chapters are stored into the memory. Select NEXT on the menu to see the next page. Up to 20 memories can be stored.

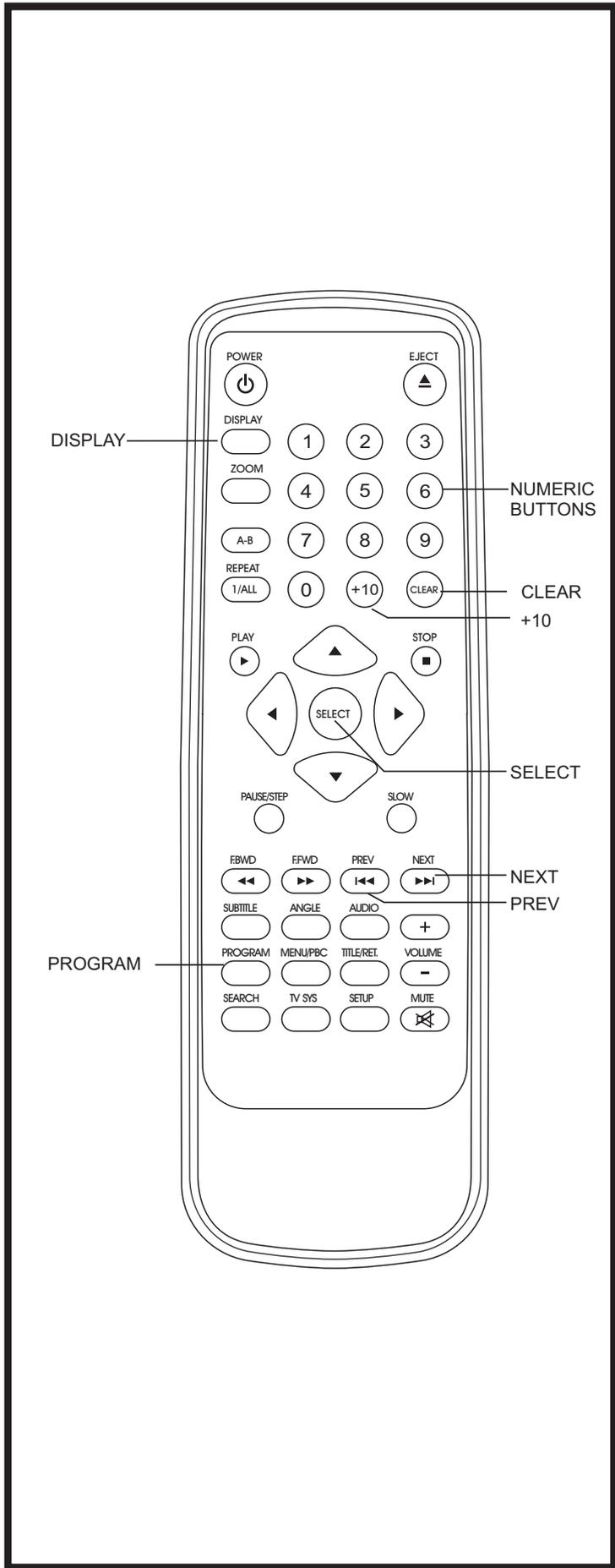
Note: Leading zero is not necessary. If the track number is more than 10, press the 10 key first and then the unit digit.

Example: Track 3, press "3"  
Track 12, press "+10" and then "2"  
Track 21, press "+10" twice and then "1"



3. To start program play, select START on the menu or select EXIT on the menu to exit without program play.

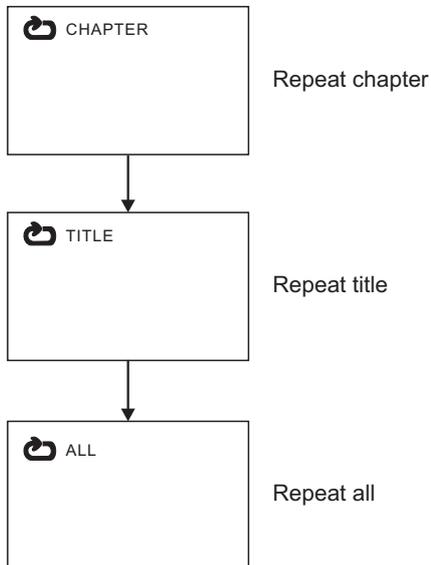
4. To clear programmed items, scroll the navigation button to the item to be cleared and press CLEAR button on the remote control, the selected Item will be deleted.



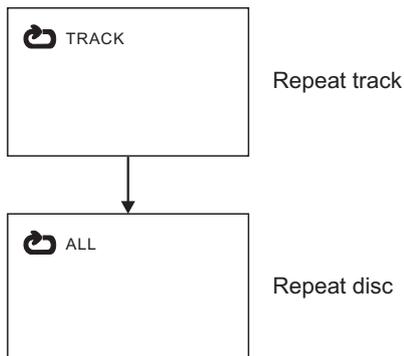
# Repeat play

Press REPEAT 1/ALL button during play, it will repeat play one chapter or one title (for DVD disc), or repeat play track (for VCD/CD).

## DVD DISC



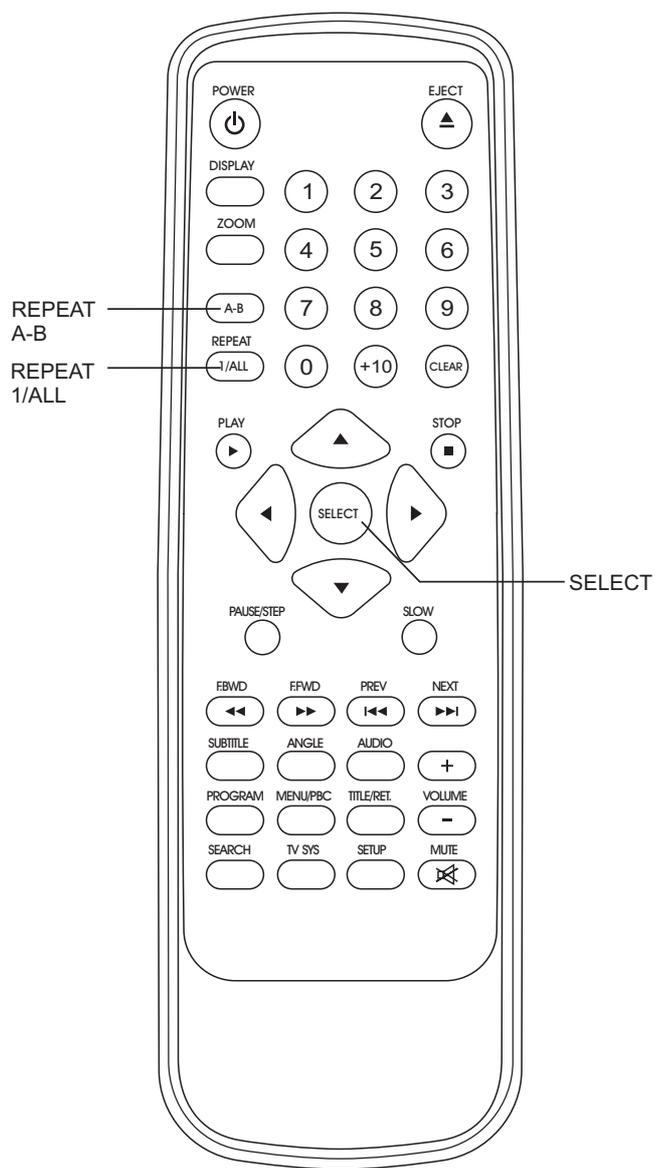
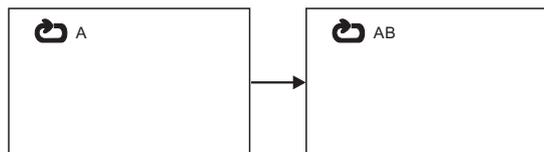
## VCD/CD DISC (In the PBC OFF mode)



## A-B repeat play

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

1. Press A-B REPEAT button during play at the point where repeat play is to be started (A).
2. Press A-B 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 A-B REPEAT button to return to normal play.



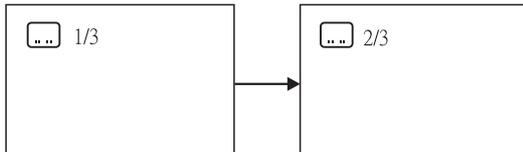
## Changing subtitle language (DVD only)

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 screen will display the current language.
2. Press SUBTITLE button again to change language or turn off.

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

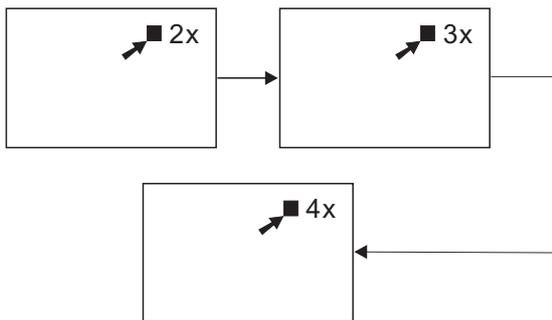
### CHANGING SUBTITLE LANGUAGE



### 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.

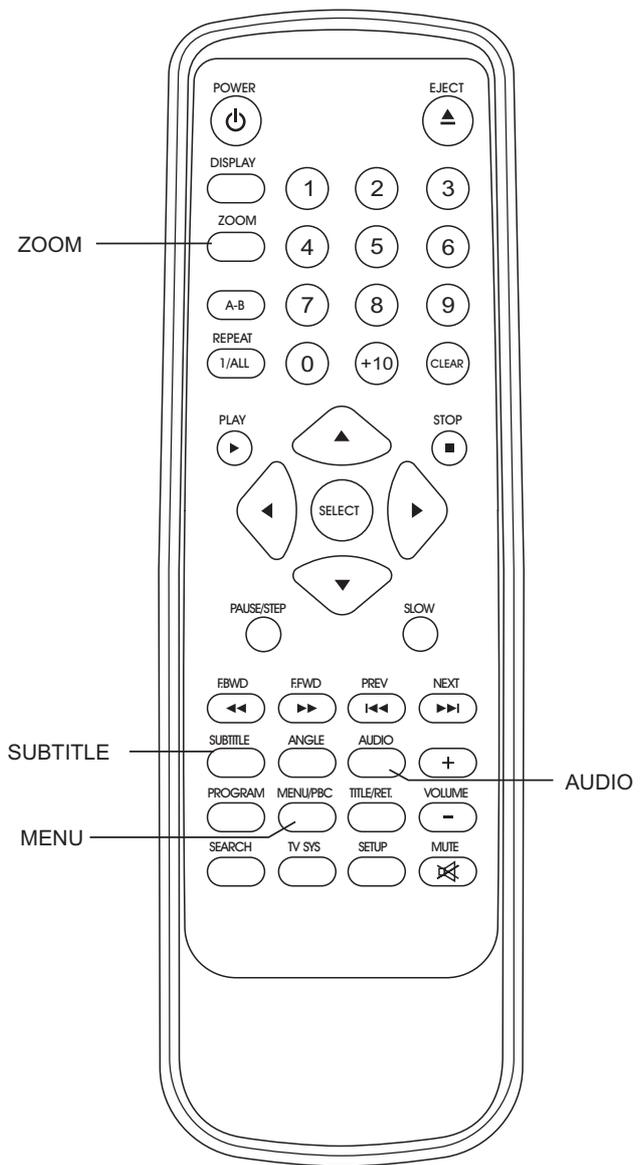
## Changing audio soundtrack language(DVD/VCD disc)

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 display the number of current soundtrack language, press the button again will change the language.
- Pressing AUDIO button during playing VCD disc will change audio output mode: L audio soundtrack, R audio soundtrack and stereo (VCD disc only).

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

**NOTE: When the power is turned on or the disc is removed, the language heard is the one selected at the initial settings.**



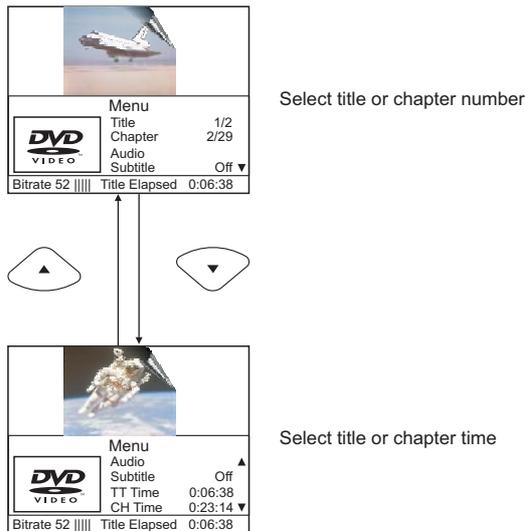
## Viewing from different angle (DVD only)

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

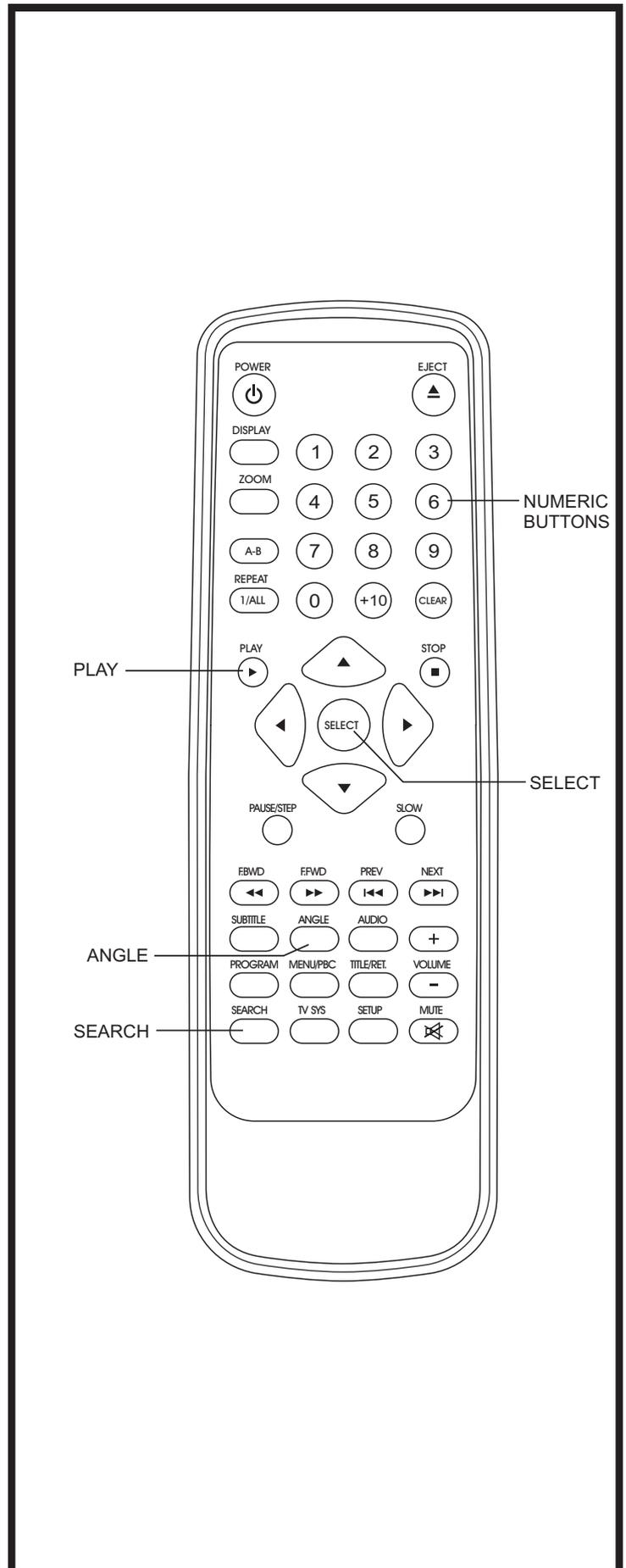
- Press ANGLE during play, number of angle being playback will be displayed in the screen, press the button will change to different angles.

## Search for preferred scene

1. Press SEARCH button during play, then press up or down navigation button to select Title, Chapter, Title time or Chapter time to play.
2. Press SELECT button to confirm selection.
3. Enter the Title, Chapter, Title time or Chapter time to play by using the numeric buttons..
4. Press SEARCH button again to exit search mode.



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



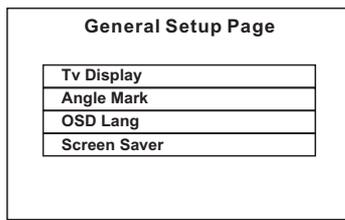
# Initial Settings

- 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 SELECT 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.GENERAL SETUP



#### 1.1 TV DISPLAY - it is used to select the TV output mode.

- Options:
- Normal /PS: Pan & scan mode
  - Normal/ L/B: Letter box mode
  - Wide : 16:9 wide screen mode

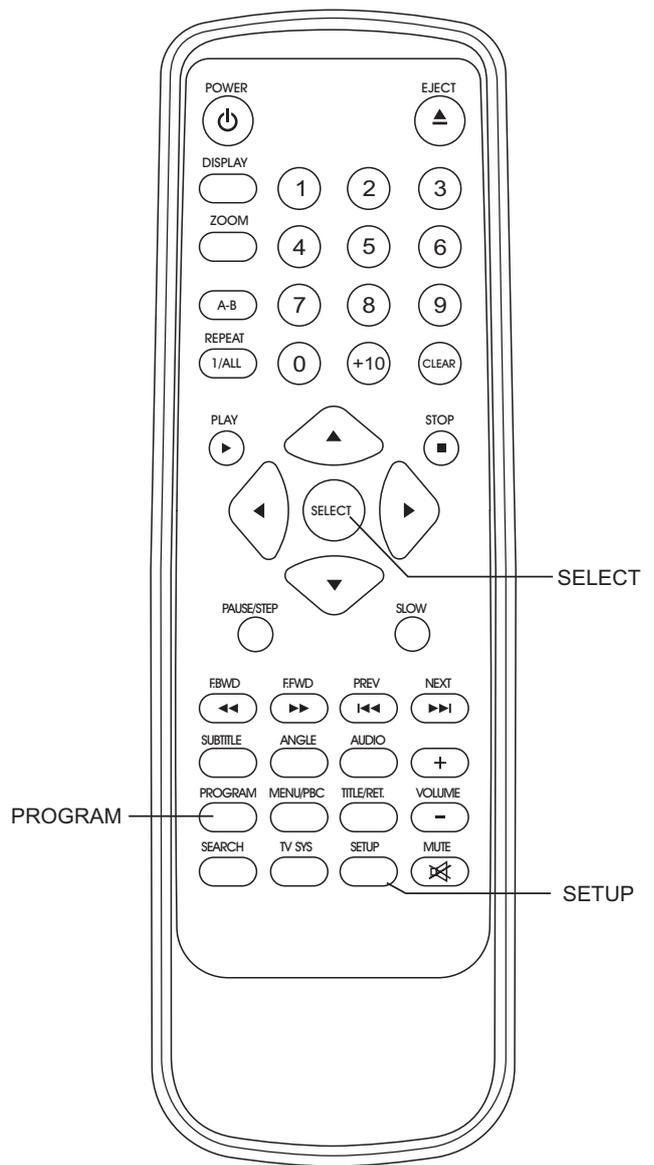
#### 1.2 ANGLE MARK - it is used to select whether or not the multi- angle icon is display on the screen when a Multi-angle DVD disc is playing.

- Options:
- On: Icon will be displayed
  - Off: Icon will be turned off

#### 1.3 OSD. LANG - it is used to select different On Screen display language for different user.

#### 1.4 SCREEN SAVER - when the player is not in used for 2 minutes, a running DVD logo will move across the TV screen to protect the TV CRT.

- Options:
- On: Screen saver is enabled
  - Off: Screen saver is disabled



(Continued on the next page)

# Initial Setting

## 2. Audio setup

Audio Setup Page	
Speaker Setup	
SPDIF Setup	
Equalizer	
3D processing	

**2.1 SPEAKER SETUP** - it is used to set the speaker Outputs levels

**DOWNMIX mode**

Options: LT/RT-Left/Right mix mode  
STEREO - Select this option if you don't Have a 5.1 channels amplifier.

**Front Speaker**- set the volume of front speaker.  
Options: Large/Small

### 2.2 SPDIF SETUP

**2.2.1 SPDIF OUTPUT** - digital outputs code format

Options: OFF/RAW/PCM/MANUAL

If MANUAL is selected, the options for CD, MPEG, PCM CHANNEL can be selected individually. Otherwise, they will output at the same format.

Recommended settings:

SPDIF OUTPUT: SPDIF OFF

(if you are not connecting to an amplifier via Digital output)

SPDIF OUTPUT: SPDIF/PCM

(if you are connecting to an amplifier via digital output)

**2.2.2 LPCM OUT** - set bit-rate of coaxial and optical output

Options: 96K/48K

(If you are connecting to an amplifier via digital output please reference your digital amplifier manual before you select this option)

## 3. Video setup

Video Setup Page	
TV TYPE	
TV Output	

### 3.1 TV TYPE

Options: PAL/MULTI/NTSC

### 3.2 TV OUTPUT

Options: CVBS/RGB

CVBS = S-video output

RGB = RGB output

## 4. Preference setup

Preference Page	
PBC	
Audio	
Subtitle	
Disc Menu	
Parental	
Default	

**4.1 PBC** - select PlayBack Control for VCD

Options: On/Off  
(Recommended setting: ON)

**4.2 AUDIO** - select preferred audio language.

(DVD only - need disc software support)

**4.3 SUBTITLE** - select preferred subtitle language.

(DVD only - need disc software support)

**4.4 DISC MENU** - select preferred disc menu language.

(DVD only - need disc software support)

**4.5 PARENTAL** - select rating levels. You must set PASSWORD MODE OFF to enable this selection.  
(DVD only - need disc software support)

**4.6 DEFAULT** - Reset to factory settings

## 5. Password Setup

Password Setup	
Password Mode	
Password	

**5.1 PASSWORD MODE**

Options: ON/OFF

**5.2 PASSWORD**

Option: Change  
Select to change password

**5.2.1 OLD PASSWORD**

**5.2.2 NEW PASSWORD**

**5.2.3 CONFIRM PWD**

Procedure to change password:

- 1) Enter old password in the OLD PASSWORD row
- 2) Enter new password in the NEW PASSWORD row
- 3) Enter the new password again in the CONFIRM PWD row

You may reset the password if you forget the old password by using the supervisor password: 1379

(Continued on the next page)

## Definition of terms

### 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.

### 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.

### 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 rerecorded 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.

### 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.

### Subtitles

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

### 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.)

### 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.

### 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.

### 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).

## Specifications

### Power

**requirements:** AC 230V, 50/60 Hz

### Power

**consumption:** 25W (approx. 3.0W when set to the standby mode either by the power button or the remote control unit).

**Signal system:** PAL/MULTI/NTSC

**Weight:** 2.5Kg

**Dimensions:** 430(L) x 252(W) x 48(H)mm  
(excluding protrusions)

**Operating temperature range:**

+5 to +35°C

**Operating humidity range:**

5 to 90% (no condensation)

**Discs played:**

#### (1) DVD-VIDEO disc

- 12 cm single-sided, single-layer
- 12 cm single-sided, dual-layer
- 12 cm double-sided, single-layer
- 8 cm single-sided, single-layer
- 8 cm single-sided, dual-layer
- 8 cm double-sided, single-layer

#### (2) Compact disc (VIDEO CD)

- 12 cm disc
- 8 cm disc

**S-video output:**

Y output level: 1 Vp-p (75)

C output level: 0.286 Vp-p (75)

**Video output level:** 1 Vp-p

**Audio output level:** 2 Vp-p (1 KHz, 0dB)

**Audio signal output characteristics:**

DVD (linear audio):

(1) Frequency response:

20Hz-20KHz (48KHz sampling)

20Hz-20KHz (96KHz sampling)

(2) S/N ratio: >65dB

(3) Dynamic range: 90dB

(4) Wow and flutter: below measurable level

CD audio:

(1) Frequency response:

20Hz-20KHz

(2) S/N ratio: >65dB

(3) Dynamic range: 90dB

(4) Wow and flutter: below measurable level

**Pickup:** Wave length: 655nm

Laser power: CLASS 1

Specifications are subject to change without notice.  
Weight and dimensions are approximate.

# 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 input setting for the TV is "Video".</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 batteries are installed with the correct polarities (+ and –).</li> <li>• The batteries are exhausted: replace them with new ones.</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 Rating 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 to 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 tray.
- Do not try to close the disc tray 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.