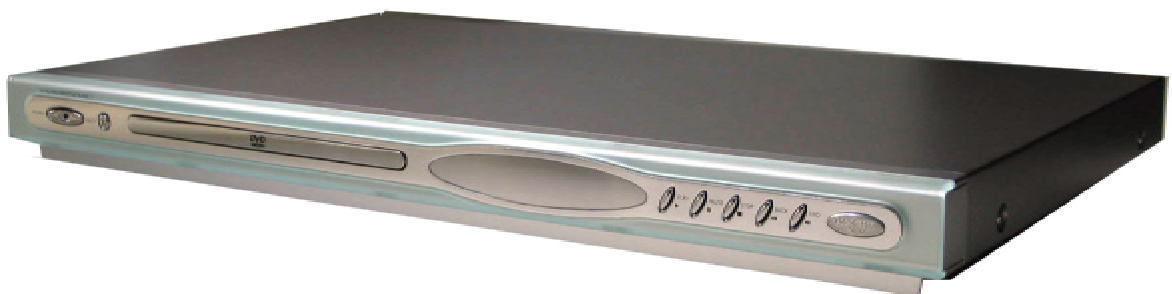


# **Goodmans**

## **INSTRUCTIONS MANUAL**

### **Model:GDVD148E**



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

Please save this manual.



## 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:

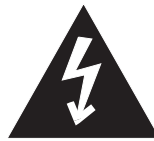
TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.

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><br>RISK OF ELECTRIC SHOCK<br>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.

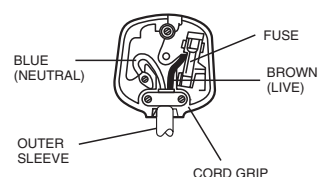
The colours of the wires in the mains lead of the unit may not correspond with coloured markings identifying the terminals in your plug. Connect them as follows :

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 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, chain 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, jet plane taking off. |
|-------|--|

# Table of Contents

## Getting started:

|                           |     |
|---------------------------|-----|
| Safety information.....   | 1   |
| Important safeguards..... | 2   |
| Important notes.....      | 3,4 |

## General Information

|   |   |
|---|---|
| Features .....                                | 6 |
| unit precautions.....                         | 7 |
| Notes on disc .....                           | 8 |
| Accessory .....                               | 8 |
| Install batteries in the remote control ..... | 8 |

## Location of Controls

|                      |    |
|----------------------|----|
| Remote control ..... | 9  |
| Front panel .....    | 10 |
| Back panel .....     | 10 |

## Connections

|                                |       |
|--------------------------------|-------|
| Basic connection .....         | 11,12 |
| Optional audio connection..... | 13    |

## Basic Setup

|                      |       |
|----------------------|-------|
| System setup .....   | 14,15 |
| Language setup ..... | 15,16 |
| Audio setup .....    | 16,17 |
| Video setup .....    | 17    |

## Playing Discs

|                                       |    |
|---------------------------------------|----|
| General operation .....               | 18 |
| Basic playback .....                  | 18 |
| Repeat viewing / A-B repeat play..... | 19 |
| Using the menu for DVD .....          | 20 |
| Checking the information .....        | 20 |
| Playing MP3/JPEG picture disc .....   | 20 |
| Program play .....                    | 21 |
| Angle selection.....                  | 21 |

## Special Function

|                                    |    |
|------------------------------------|----|
| Picture zooming .....              | 22 |
| Selecting subtitle language .....  | 22 |
| Selecting the audio language ..... | 22 |

## FOR REFERENCE:

|                                   |    |
|-----------------------------------|----|
| Definition of terms.....          | 23 |
| Specifications.....               | 23 |
| Troubleshooting.....              | 24 |
| Disc handing and maintenance..... | 25 |

## 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:



## Important Safeguards and Precautions

### Power Cord Protection

To avoid any malfunctions of the unit, 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.
- Keep the AC power cord away from the 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.

### Location and Handling

- Air vents are provided in the cabinet to prevent excessive temperatures inside the unit. Do not place this unit in closed spaces, cover it, or otherwise block the vents.
- Do not place this unit in direct sunlight, or near heat sources.
- Keep this unit away from strong magnetic objects.
- Do not insert or drop anything into this unit through the air vents as this could cause serious damage, possibly resulting in fire.
- Do not place any object containing water or other liquids on this unit. In the event that liquid should enter the cabinet, unplug this unit immediately and contact the retailer or service centre immediately.
- Do not remove the cabinet. Touching parts inside the cabinet could result in electric shock and / or damage to the unit.
- Do not use the unit in a car. The operation can not guaranteed.

### Nonuse Periods

- When the unit is not being used, turn the unit off.
- When left unused for a long period of time, the unit should be unplugged from the household AC outlet.

### No Fingers or Other Objects Inside

- Do not put any foreign object on the disc tray.

### Stacking

- Place the unit in a horizontal position, and do not place anything heavy on it.

### Condensation

Moisture may form on the pickup lens in the following conditions:

- Immediately after a heater has been turned on.
- In a steamy or very humid room.
- When the unit is suddenly moved from a cold environment to a warm one.

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

### On adjusting volume

- Do not turn up the volume while listening to a portion with very low level inputs or no audio signals. If you do, the speakers may be damaged when a peak level portion is played.

### 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 monitor while you watch a TV broadcast and the unit is left on. This is not a malfunction of the unit or the TV. To watch a TV broadcast, turn off the unit.

### Service

- Do not attempt to service the unit yourself.
- Please refer any service to the nearest service centre.

### Copyright

Audio-visual material may consist of copyrighted works which must not be recorded without the authority of the owner of the copyright. Please refer to relevant laws in your country.

### Copy protection

This DVD player supports Macrovision copy protection.

On DVD discs that include a copy protection code, if the contents of the DVD disc are copied using a VCR, the copy protection code prevents the videotape copy from playing normally.

### Manufactured under license from Dolby Laboratories.

"Dolby" and the double-D symbol are trademarks of Dolby Laboratories.

### Recommended Measures for Optimum Picture Excellence

This unit is a precision device that is constructed using extremely accurate technology.

Soiling or friction affecting the pickup lens or disc drive can impair the image quality. At the worst, neither video nor audio will be played back. To obtain optimum picture quality, the player should be checked (cleaning and replacement of some parts) every 1,000 hours. Note that this period varies depending on the environment (temperature, humidity, dust, etc.) in which the player is used.

**Do not attempt to clean the pickup lens yourself.**

## CAUTION

**"VENTILATION SHOULD NOT BE IMPEDED BY COVERING THE VENTILATION OPENINGS WITH ITEMS, SUCH AS NEWSPAPER, TABLE-CLOTHS, CURTAINS, ETC."**

**"NO NAKED FLAME SOURCES, SUCH AS LIGHTED CANDLES, SHOULD BE PLACED ON THE APPARATUS."**

**"THE APPARATUS SHALL NOT BE EXPOSED TO DRIPPING OR SPLASHING AND THAT NO OBJECTS FILLED WITH LIQUIDS, SUCH AS VASES, SHALL BE PLACED ON THE APPARATUS."**

**"THE MAINS PLUG IS USED AS THE DISCONNECT DEVICE AND SHALL BE REMAIN READILY OPERABLE."**



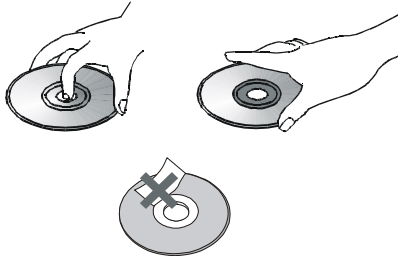
## General Information(continued)

### Notes on disc

#### Disc handling precautions

- To keep the disc clean, handle the disc by its edge. Do not touch the surface.
- Do not stick paper or tape on the disc.

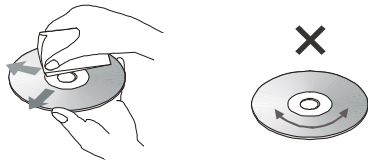
If there is glue (or a similar substance) on the disc, remove the glue completely before using the disc.



- Do not expose the disc to direct sunlight or sources such as hot air ducts, or leave it in a car parked in direct sunlight as there can be considerable rise in temperature inside the car.
- After playing, store the disc in its case.
- Do not write on the label side with a ball-point pen or other writing utensils.
- Be careful not to drop or bend the disc.

#### Disc cleaning precautions

- Before playing, clean the disc with a cleaning cloth. Wipe the disc from the center to out.



- Do not use solvents such as benzine, thinner, commercially available cleaners or anti-static spray intended for vinyl LPs.

#### Disc installing precautions

- Do not install more than one disc on disc tray.
- Do not place the disc on the tray up-side down.
- Do not try to close the disc tray when the disc is not installed properly.

### Accessory

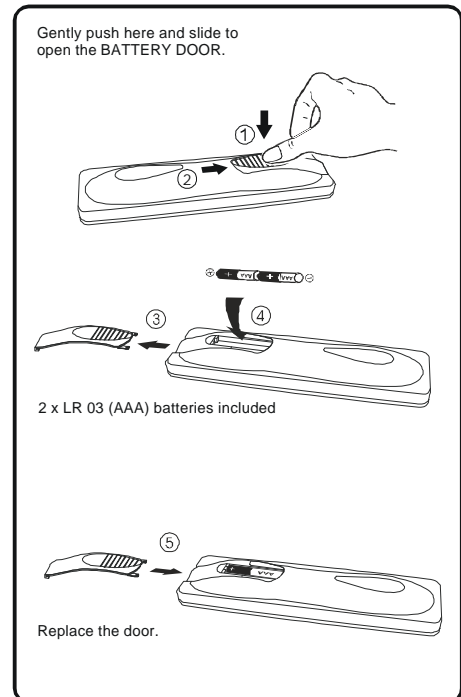
Check that you have the following items:

- Video/ Audio cable(x1)
- Remote control (x1)
- AAA batteries (x2)
- Owner's manual(x1)

### Install Batteries in the Remote Control

1. Open the battery cover on the back of the remote.
2. Insert two AAA batteries. Make sure that the polarities(+ and -) are aligned correctly.
3. Replace the battery cover.

You can control the system using the supplied remote. Insert two batteries by matching the + and - on the batteries. When using the remote, point it at the remote sensor on the front panel of this system.



If remote doesn't operate properly:

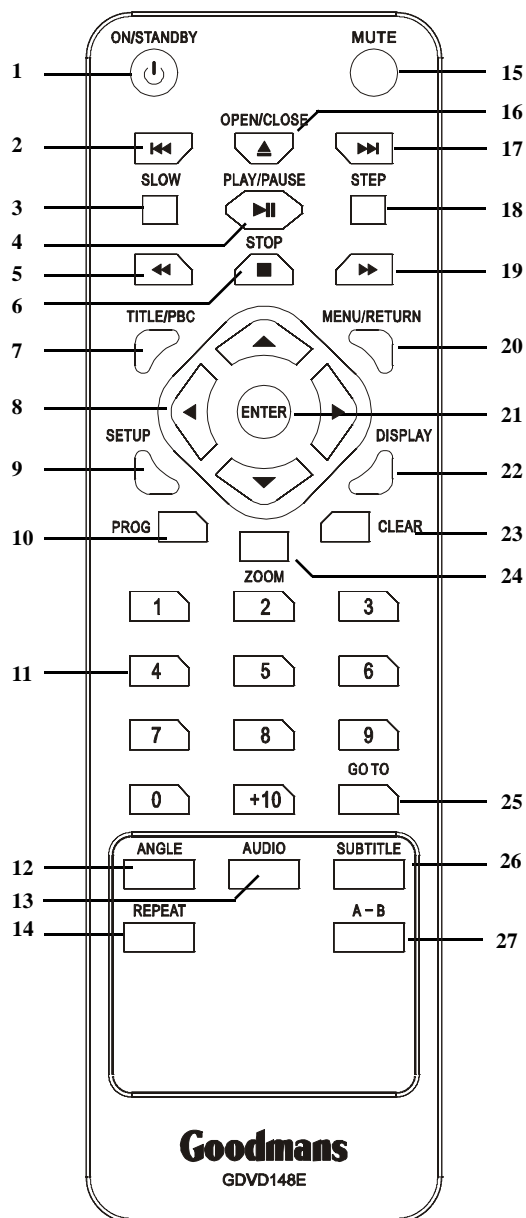
- Check the polarity (+,-) of the batteries (Dry-Cell).
- Check if the batteries are drained.
- Check if remote sensor is blocked by obstacles.
- Check if there is any fluorescent lighting nearby.

#### Note

- Do not leave the remote in an extremely hot or humid place.
- Do not use a new battery with an old one.
- Do not drop any foreign object into the remote casing, particularly when replacing the batteries.
- Do not expose the remote sensor to direct sunlight or lighting apparatuses. Doing so may cause a malfunction.
- If you will not use the remote for an extended period of time, remove the batteries to avoid possible damage from battery leakage and corrosion.

# Remote Control

## Remote control



5. **FAST FORWARD** : press to do fast forward search.

6. **STOP** : press to stop playback.

7. **TITLE/PBC**: Display the title menu if present on the disc (DVD only) & switch the PBC functions to on or off.

8. **DIRECTION BUTTONS** : press to select the item you want.

9. **SETUP** : enter into the SETUP menu.

10. **PROGRAM**: To program the tracks based on your own order.

11. **NUMERIC KEYS**: Select the items or settings.

12. **ANGLE**: To access various camera angles on DVD.

13. **AUDIO** : change the audio channels of a DVD if available, or selects stereo, left or right audio channel of a VCD disc.

14. **REPEAT**: Press to select variations of continuous play.

15. **MUTE**: Disables or enables sound output.

16. **OPEN/CLOSE** : open or close the disc tray.

17. **NEXT SKIP** : skip to next chapter or track.

18. **STEP**: press to view playback frame by frame.

19. **FAST BACKWARD**: press to do fast backward search.

20. **MENU/RETURN** :Display the root menu when playing a DVD & Return the VCD menu.

21. **ENTER** : press to enter a command or confirm a selection.

22. **DISPLAY** : press to show the playing information about the disc.

23. **CLEAR**: press to add or clear what you select or input.

24. **ZOOM** : press to enlarge the picture.

25. **GOTO** : go to the desired starting title,chapter, track or time.

26. **SUBTITLE**: Access various subtitle language in DVD.

27. **A-B**: Specifies a section and plays it repeatedly.

1. **ON/STANDBY** : switch the unit between standby and on mode.

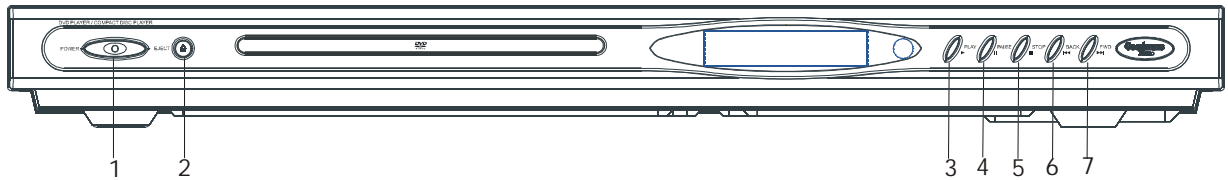
2. **PREV SKIP**: skip to previous chapter or track.

3. **SLOW** : select the forward slow speed playback.

4. **PLAY/PAUSE** : press to start/pause playback.

# Function Overview

## Front Panel



1. POWER Button


To switch between power on and standby mode.

2. EJECT  Button

To open or close the disc tray.

3. PLAY  Button

To start disc playback.

4. PAUSE  Button

To interrupt disc playback.

5. STOP  Button

To stop playback.

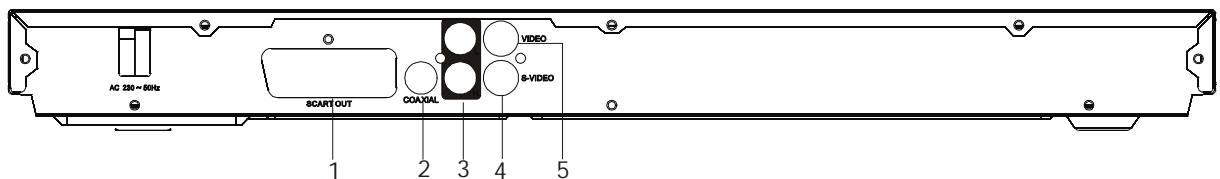
6. BACK  Button

To skip to the previous track (only during playback).

7. FWD  Button

To skip to the next track (only during playback).

## Back Panel



1. SCART OUT

If your TV have S-cart jack , connect them with Scart cable, then you can enjoy a clear picture.

2. COAXIAL(DIGITAL OUT) Jack

Connect to the coaxial AUDIO input of a digital audio equipment.

3. AUDIO OUT

Connects to a TV set or stereo receiver.

4. S-VIDEO OUT Jack

Connect to S-video input of a TV

5. VIDEO OUT Jack

Connect to video input of a TV.

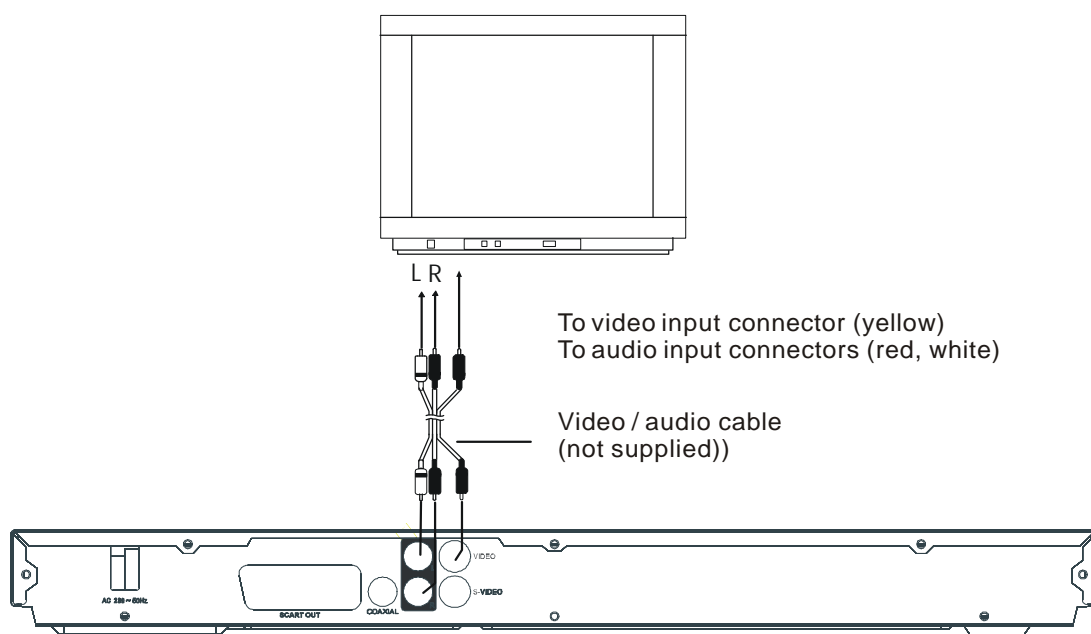
## Basic Connection

- 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.

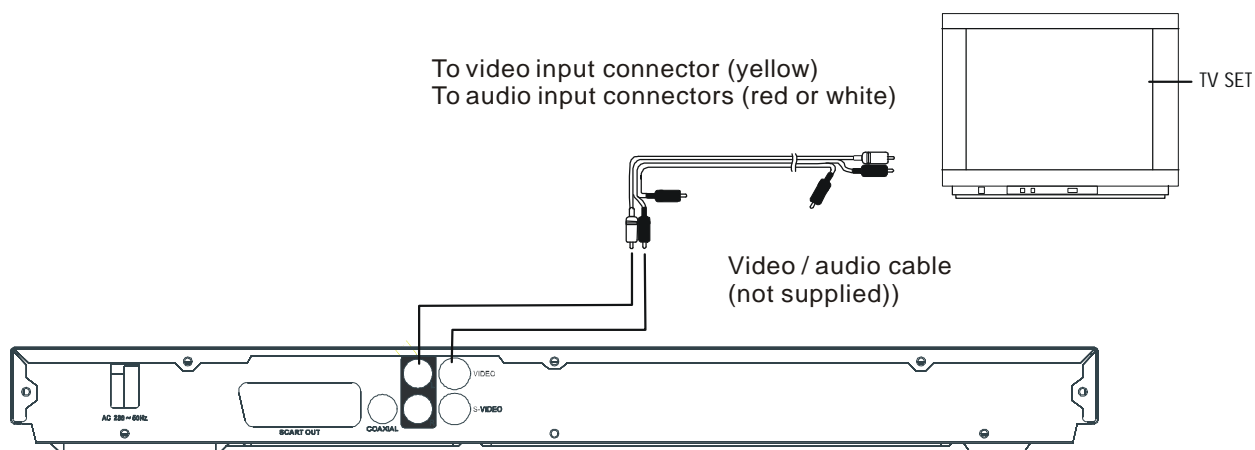
### Note:

- 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

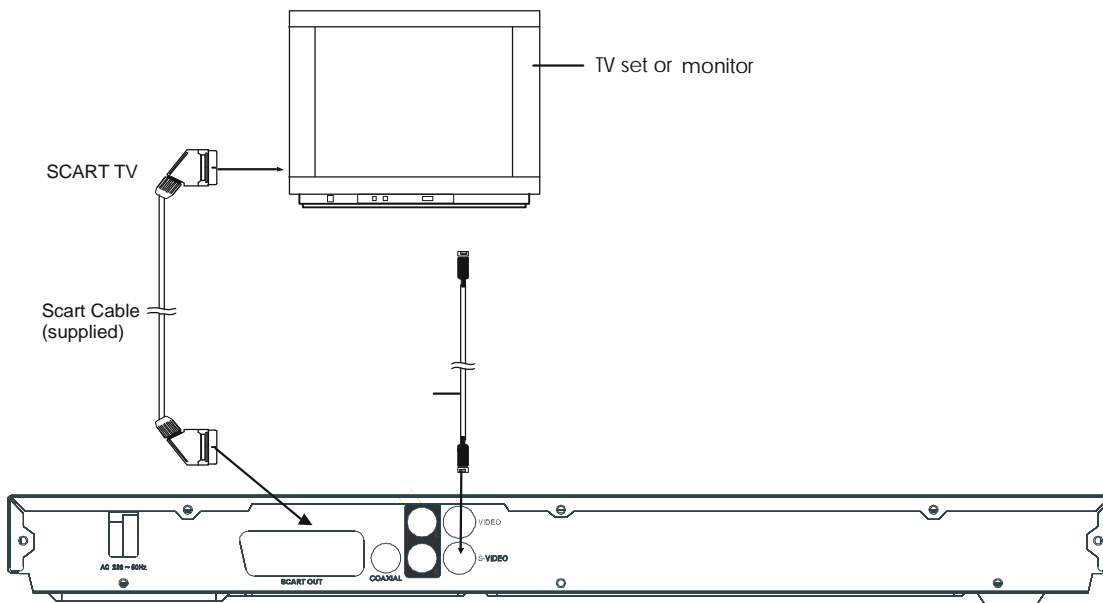


### Connecting to a monaural TV set



# Basic Connection

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



### *S-video output connectors*

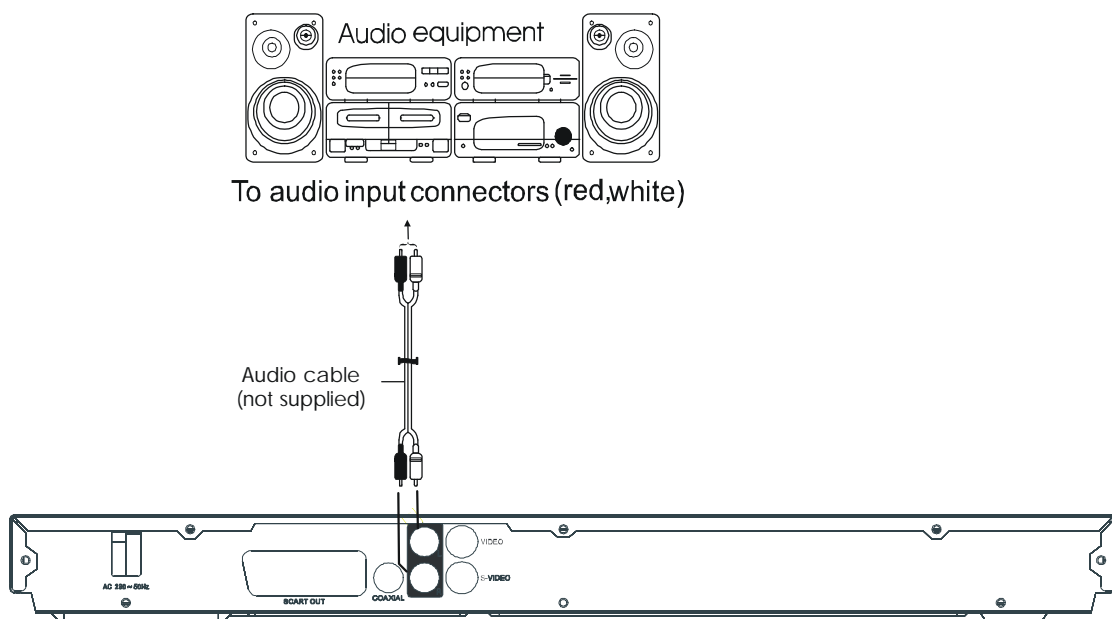
The S (separate) video output connector separates the color (C) and luminance (Y) signals before transmitting them to the TV set in order to achieve a sharper picture.

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.

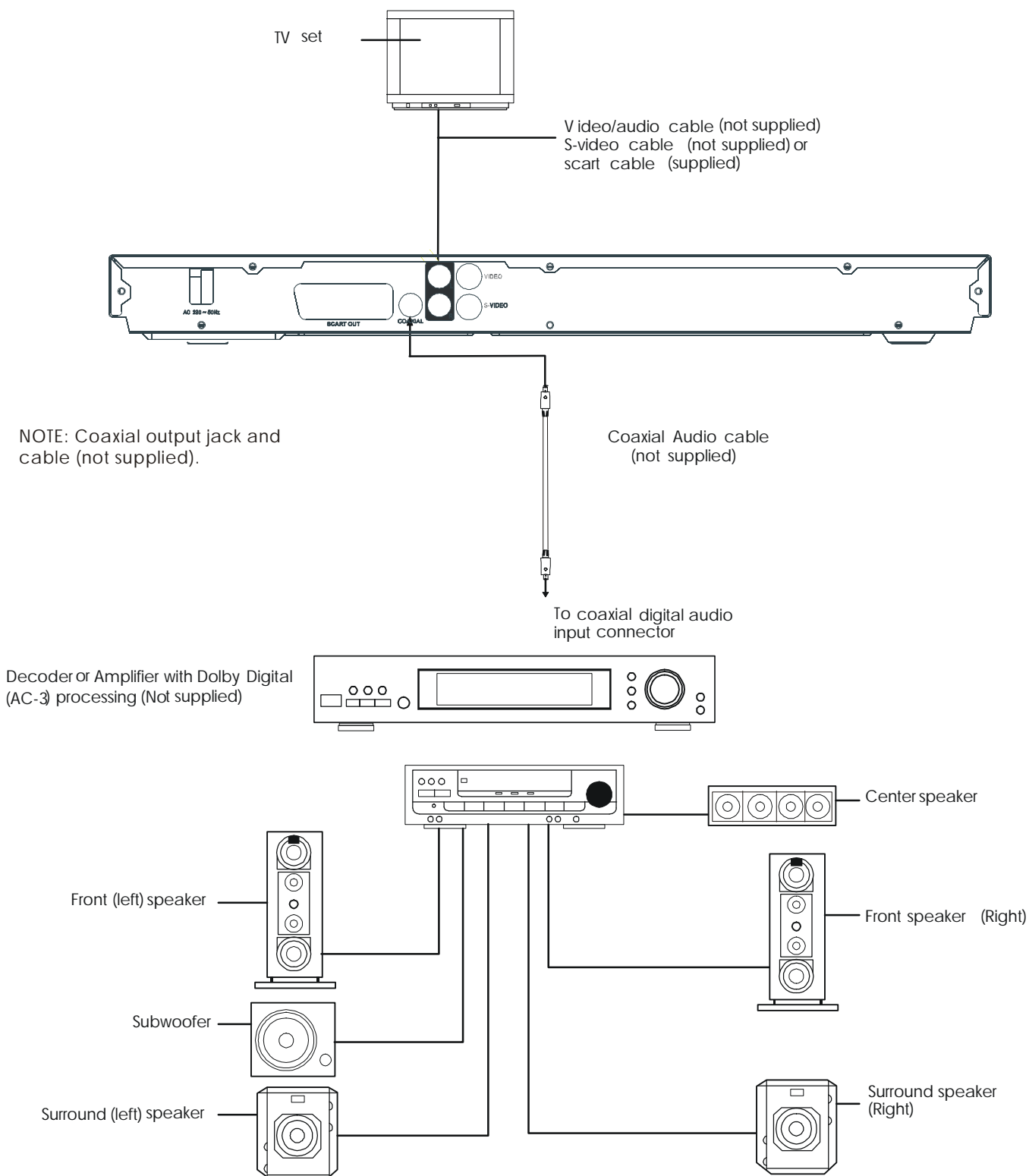
## Connecting to audio equipment



## Optional audio Connection

### 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 COAXIAL digital audio output connector. When the player is connected to a Dolby Digital decoder, you can enjoy theater quality audio in your home. [A coaxial audio cable (not supplied) is required when a Dolby digital decoder is used.]



# Basic Setup

In the top menu select the setup menu option to make desired setup options.

In setup menu ,select Setup Menu option to make desired setup options. For purposes of this manual the setup options are described from top to bottom order,beginnging with the Setup Menu.

Some settings interact .What you choose in one menu can affect how other selection work.If you see a selection that is greyed out, that means that the selection interacts with one or more other selections that are set in such a way to render the greyed out selection inoperable.

## SETUP MENU

In top menu move the hilight to Setup menu to set below settings desired ( the SETUP MENU should be operated in full stop mode).

- **SYSTEM SETUP**
- **LANGUAGE SETUP**
- **AUDIO SETUP**
- **VIDEO SETUP**

## SYSTEM SETUP

The system setup is carried out via the TV,it enabling you to customize the DVD system to suit your particular requirement. If the preferred options selected are not available on a disc, then the discs own preference will be used.

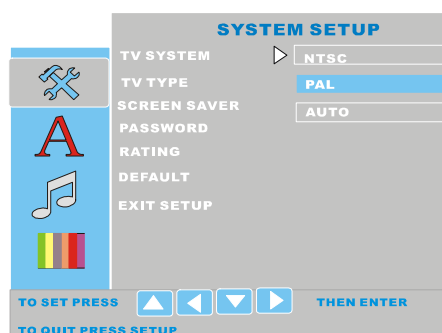
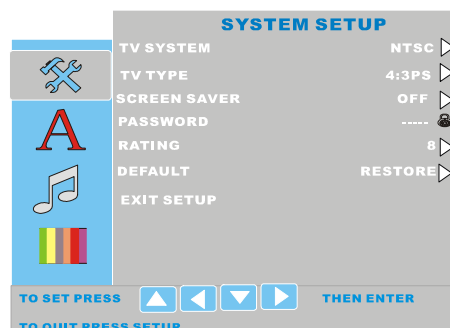
1. Press SETUP on remote control.
2. Use ◀/▶/▲/▼ to select item you want.
3. Press ENTER to confirm the selection.
4. To exit the setup, press SETUP again.

This page includes:

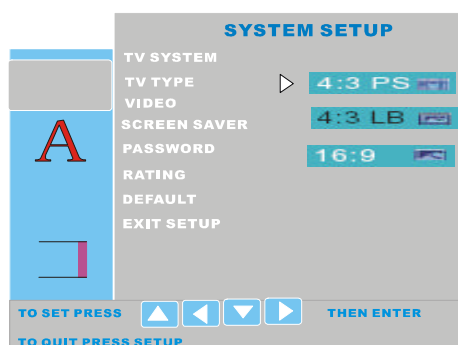
- TV SYSTEM
- TV TYPE
- SCREEN SAVER
- PASSWORD
- RATING
- DEFAULT

### TV SYSTEM

You can setup the colour system of this unit to match up your connected TV set. If the colour system of this unit is different from that of the TV set, the images can not be displayed normally on the screen.



### TV TYPE



#### 4:3 PS

If you have a conventional TV set and your DVD is not fomatted for widescreen viewing, use this setting. A wide picture is displayed on the whole TV screen with a portion automtically out off.

#### 4:3 LB

If you have a conventional TV set and your DVD is fomatted for widescreen viewing, use this setting. Wide bands will be displayed on the upper and lower portions of the TV screen.

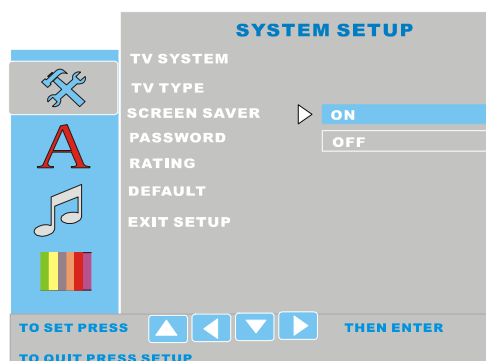
# Basic Setup(continued)

16:9

If you have a widescreen TV set, use this setting (you must also set your widescreen TV to Full size).

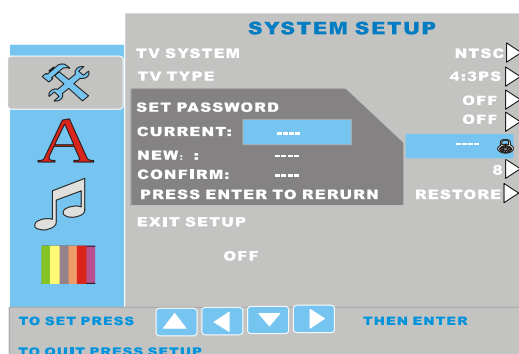
## SCREEN SAVER

The default setting for the SCREEN SAVER is ON. If you turn on the screen saver, the screen saver image appears when you leave the system in stop mode for about 5 minutes.



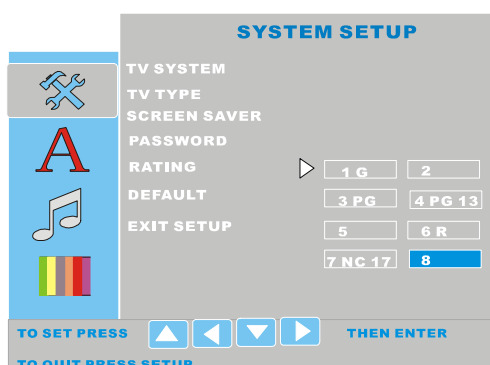
## PASSWORD

The password is used to change the parental control level. When you use this unit for the first time, enter the default password "3308".



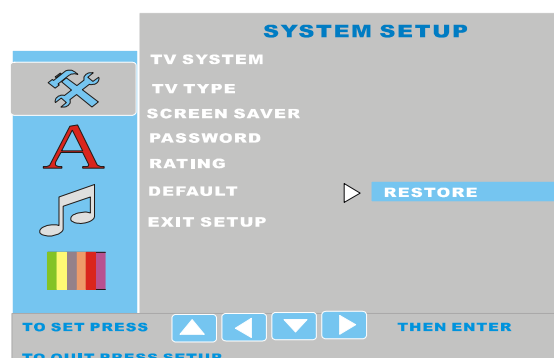
## RATING

After enter the password 3308. You can choose the RATING what you desired. The default setting is 8.



## DEFAULT

If you select this function, all of the function will restore to the aboriginality except the rating.

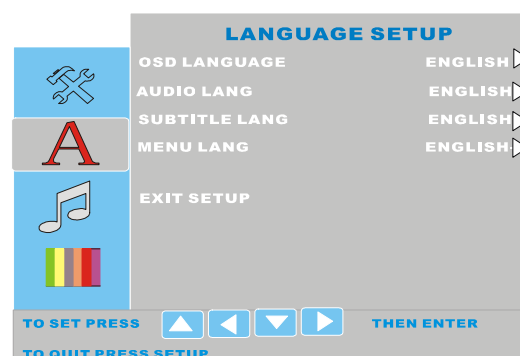


## LANGUAGE SETUP

1. Press SETUP on remote control.
2. Use ◀/▶/▲/▼ to select item you want.
3. Press ENTER to confirm the selection.
4. To exit the setup, press SETUP again.

This page includes:

- OSD LANGUAGE
- AUDIO LANG
- SUBTITLE LANG
- MENU LANG

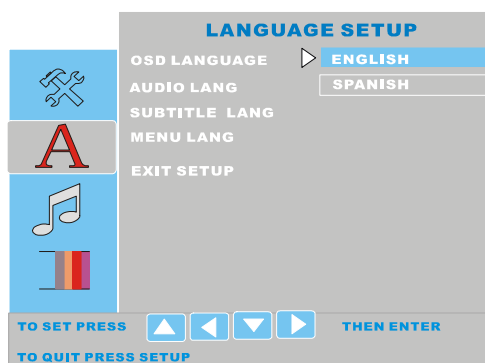




# Basic Setup(continued)

## OSD LANGUAGE

- ENGLISH
- SPANISH



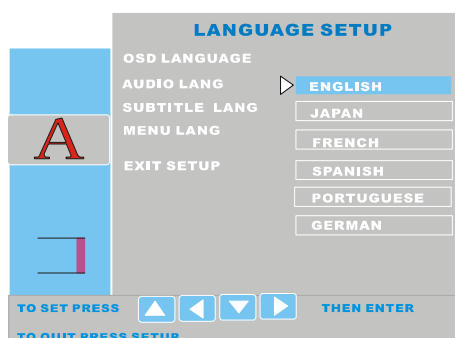
The default setting for the OSD LANGUAGE is English.

## AUDIO LANG, SUBTITLE LANG, MENU LANG

This function allows you to select the desired language. It includes:

- ENGLISH
- JAPAN
- FRENCH
- SPANISH
- PORTUGUESE
- GERMAN

The default setting for the SUBTITLE and the MENU is OFF and English respectively.



## AUDIO SETUP

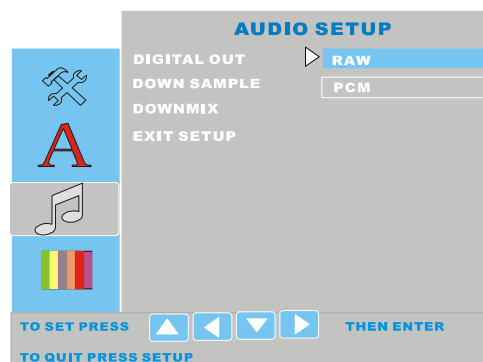
1. Press SETUP on remote control.
2. Use  $\leftarrow/\rightarrow/\uparrow/\downarrow$  to select item you want.
3. Press ENTER to confirm the selection.
4. To exit the setup, press SETUP again.

This page includes:

- DIGITAL OUT
- DOWN SAMPLE
- DOWNMIX

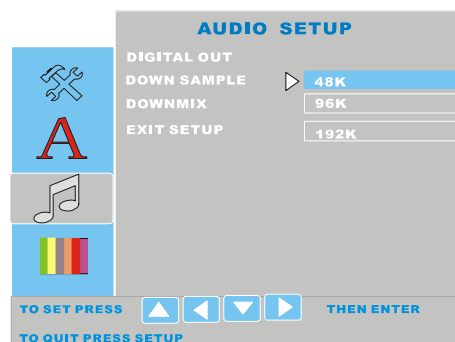
## DIGITAL OUT

The default setting is RAW.



## DOWN SAMPLE

- 48K
- 96K
- 192K

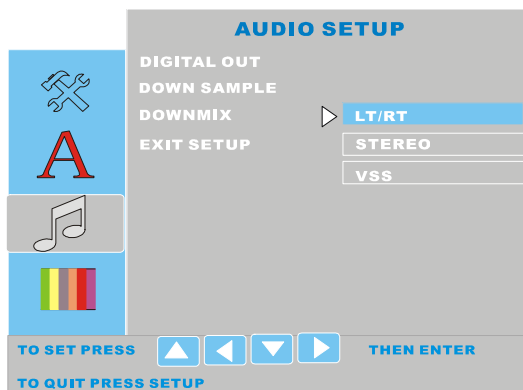


The default setting for the DOWN SAMPLE is 48K.

# Basic Setup(continued)

## DOWN MIX

To play a DVD disc recorded with surround multi-channel audio correctly ,select either one according to yur audio system.



- **LT/RT**  
When the disc you played has PRO LOGIC stereo function, you can select this.
- **STEREO**  
2-channel stereo output, for stereo listening through the analog left and right outputs.
- **VSS**  
2-channel virtual surround outputs.

**Notes:** Depending on the disc, the actual outputs may not match your selection.

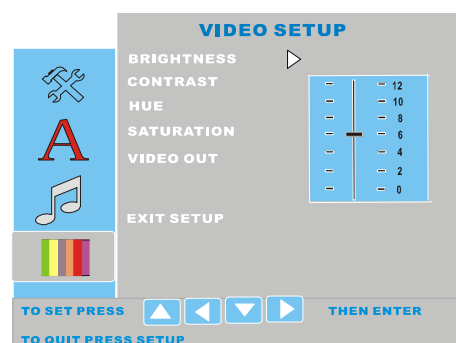
## VIDEO SETUP

1. Press SETUP on the remote control.
2. Use ◀/▶/▲/▼ to select item you want.
3. Press ENTER to confirm the selection.
4. To exit the setup, press SETUP again.

This page includes:

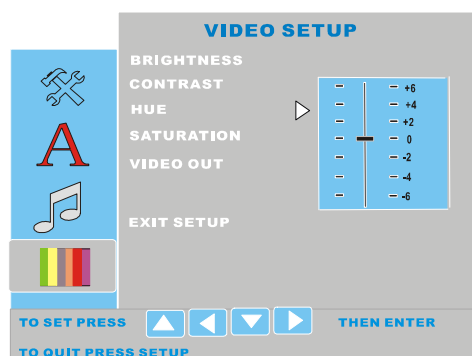
- BRIGHTNESS
- CONTRAST
- HUE
- SATURATION
- VIDEO OUT

## BRIGHTNESS, CONTRAST, SATURATION

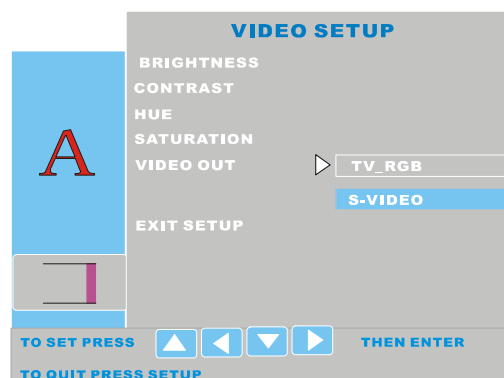


The BRIGHTNESS ,CONTRAST and SATURATION is the same User Interface. The default setting for the BRIGHTNESS and the CONTRAST is 6 respectively; the default setting for the HUE and the SATURATION is 0 respectively.

## HUE



## VIDEO OUT



# Playing Discs

## General operation

- 1 When you complete all the connections, plug the AC power cord of the player.
- 2 Press **ON/STANDBY** to switch ON the main power.
- 3 Press **OPEN/CLOSE** to open the disc tray, press again to close the disc tray.
- 4 Press **MUTE** to shut off the sound. To restore the volume, press it again.

## Basic playback

### Start playback

- Press **▶II**, to interrupt playback, press **▶II** again.

### Note

- Some discs will start playing automatically, and others will display the menu on the TV screen. use the **◀/▶ / ▲/▼** to select the track, or press the number keys (**0 ~ 9, +10**) to go to the desired track/chapter.

### Stop playback

- Press **STOP ■**.

### Skip to another track/chapter

- Press **◀◀ / ▶▶** repeatedly during playback to skip to next or previous track/chapter.

### Fast search

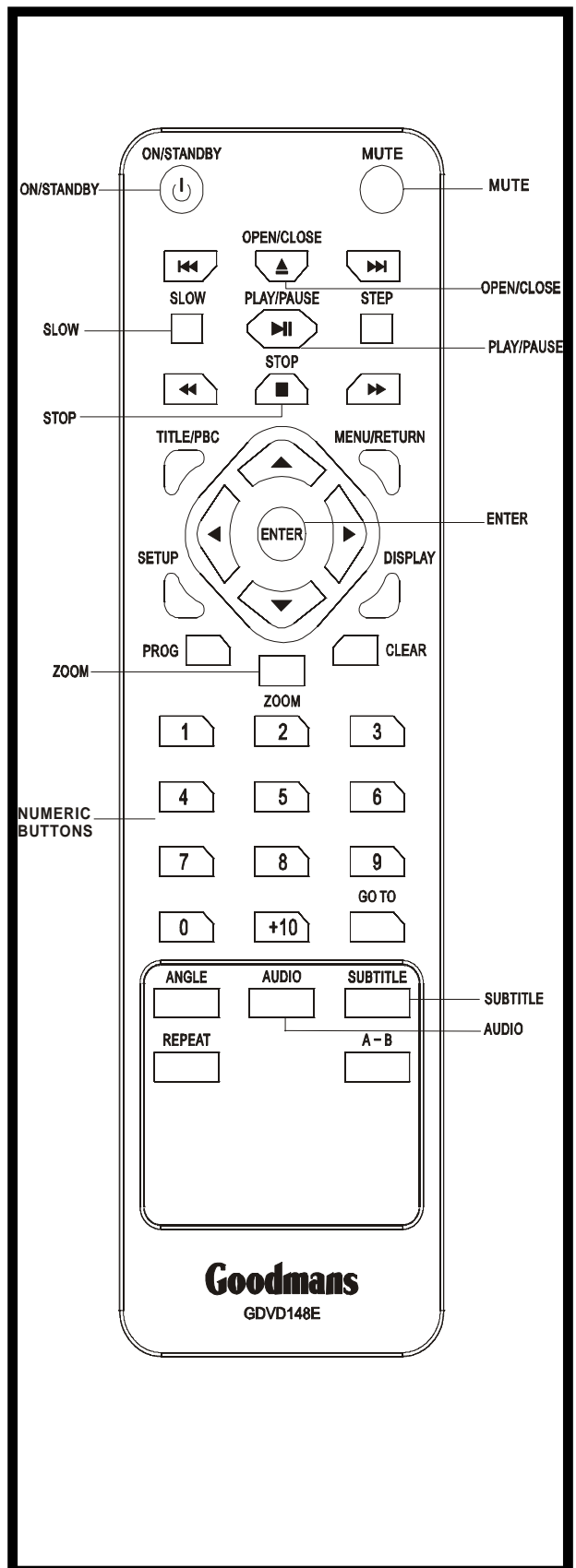
- 1 Press and hold **◀/▶** more than 1 second to fast reverse or fast forward.
- **For DVD/MP3/CD discs**  
FF(fast forward) : FF x2, FF x4, FF x8, FF x20.  
FR(fast reverse) : FR x2, FR x4, FR x8, FR x20.

- 2 To resume normal play, press **▶II**.

Press **SLOW** to play in slow motion.

### For DVD discs

Press it repeatedly to select the slow motion speed:  
SF (slow forward) : SF 1/2, SF 1/4, SF 1/6.



# Repeat play

## Repeat

### 1.For DVD discs

Press **REPEAT** repeatedly to select the following:

REP : [OFF]  
↓  
REP : [CHAPTER]  
↓  
REP : [TITLE]  
↓  
REP : [REP ALL]

### 2.For CD discs

Press **REPEAT** repeatedly to select the following.

REP : [OFF]  
↓  
REP : [REP 1]  
↓  
REP : [REP ALL]

### 3.For MP3 discs

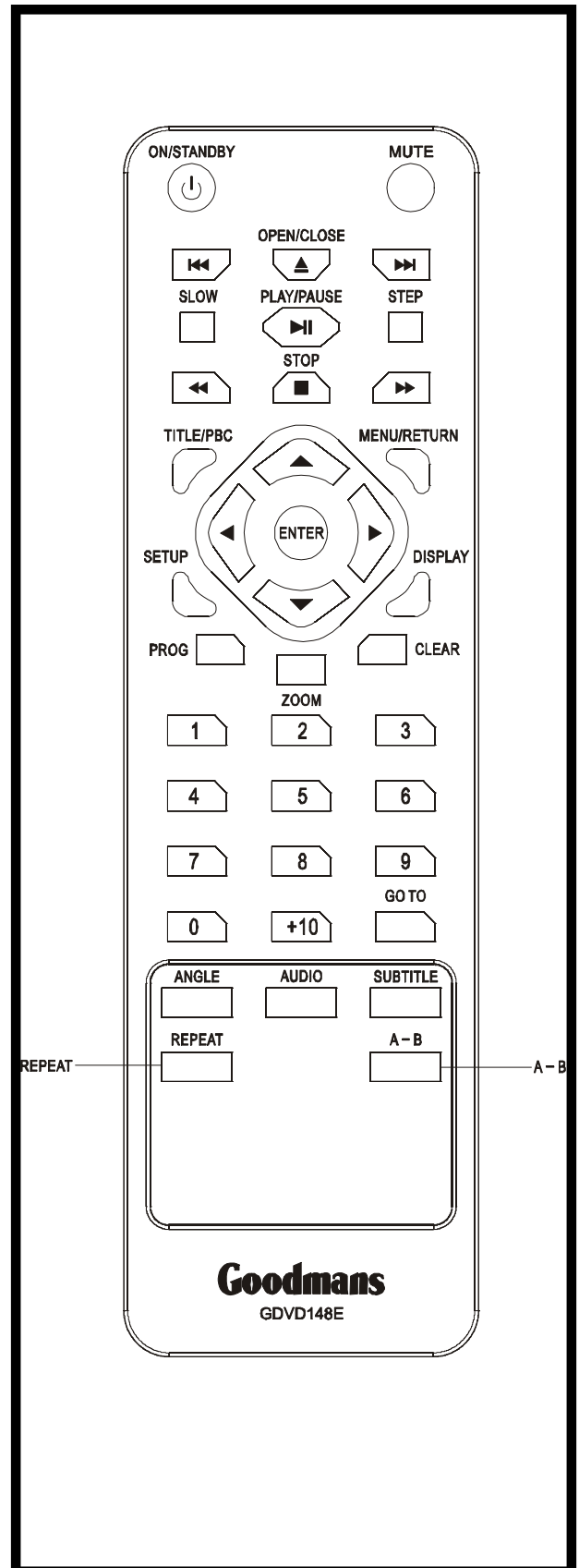
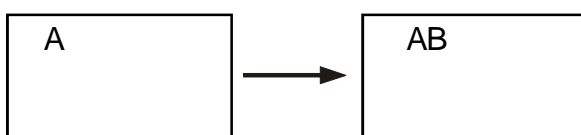
Press **REPEAT** repeatedly to select the following.

REP : [OFF]  
↓  
REP : [REP 1]  
↓  
REP : [REP DIR]  
↓  
REP : [REP ALL]

## 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.



# Playing Discs(continued)

## Using the menu for DVD

- 1 Press the **MENU/RETURN** while playing a DVD disc.  
The TITLE MENU will be shown on TV screen for a moment, and then the title menu appears. The contents of the menu vary from disc to disc.
- 2 Use the **◀/▶ / ▲/▼** buttons to select the title (or chapter) you want to play.  
Depending on the disc, you can use the number buttons (**0-9,+10**) to select the title (or chapter).
- 3 Press **ENTER** to start playback.
- 4 To change other items, repeat Step 1 ~ 2.

### Note

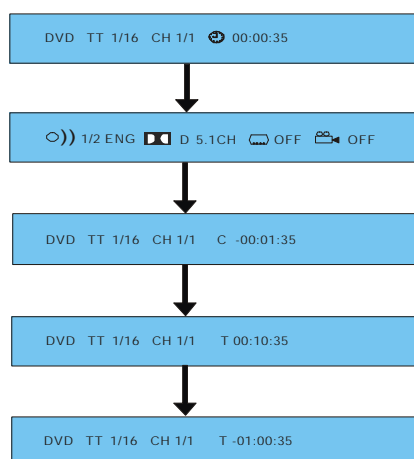
- Depending on the DVD disc, you may not be able to select the title or chapter.
- Depending on the DVD disc, a Title menu may simply be called a menu or root menu in the instructions supplied with the disc.
- For some DVD disc, when you press the **MENU/RETURN**, the playback will restart from the beginning of the disc.

## Checking the information

You can check information about the disc, such as the total number of the titles or chapters or tracks or time, using the Display function. The information you want will appear on the TV screen.

### When playing back a DVD

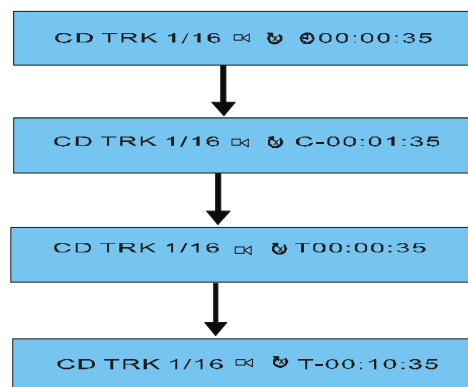
- 1 Press the **DISPLAY** repeatedly to show on TV screen as the following (for reference):



- 2 Press the **DISPLAY** again, the information display is off.

### When playing back a CD

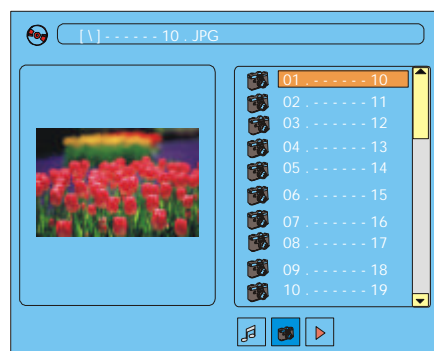
- 1 Press the **DISPLAY** repeatedly to show on TV screen as the following (for reference):



- 2 Press the **DISPLAY** again, the information display is off.

## Playing MP3/JPEG picture disc

1. Load an MP3/JPEG disc.
2. Playback will start automatically, if not press the **▶II** to start playback.
3. Press **I◀◀/▶▶I** to select previous or next track.
4. In stop mode, press the **◀/▶ / ▲/▼** to select a desired album/ title, then press **▶II** or **ENTER** button to start playback.
5. To stop playback, press **STOP ■**.



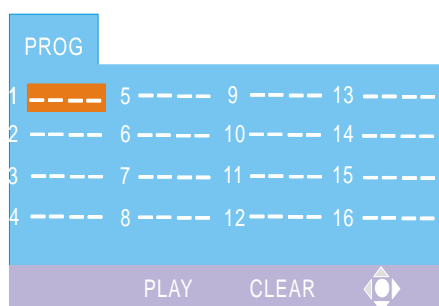
# Playing Discs(continued)

## Program play

You can play the contents of the disc in the order you want by programming the order of the tracks to be played.

- 1 Press **PROGRAM** to enter program mode.
- 2 Use the number buttons (0 ~ 9) to input the track number in the order you want.
- 3 Repeat **step 2** to store other tracks.
- 4 To start program play, press **▶II**.
- 5 To stop playback, press **■** once.
- 6 To cancel the program, press **PROGRAM** again or **CLEAR** as the OSD appears.

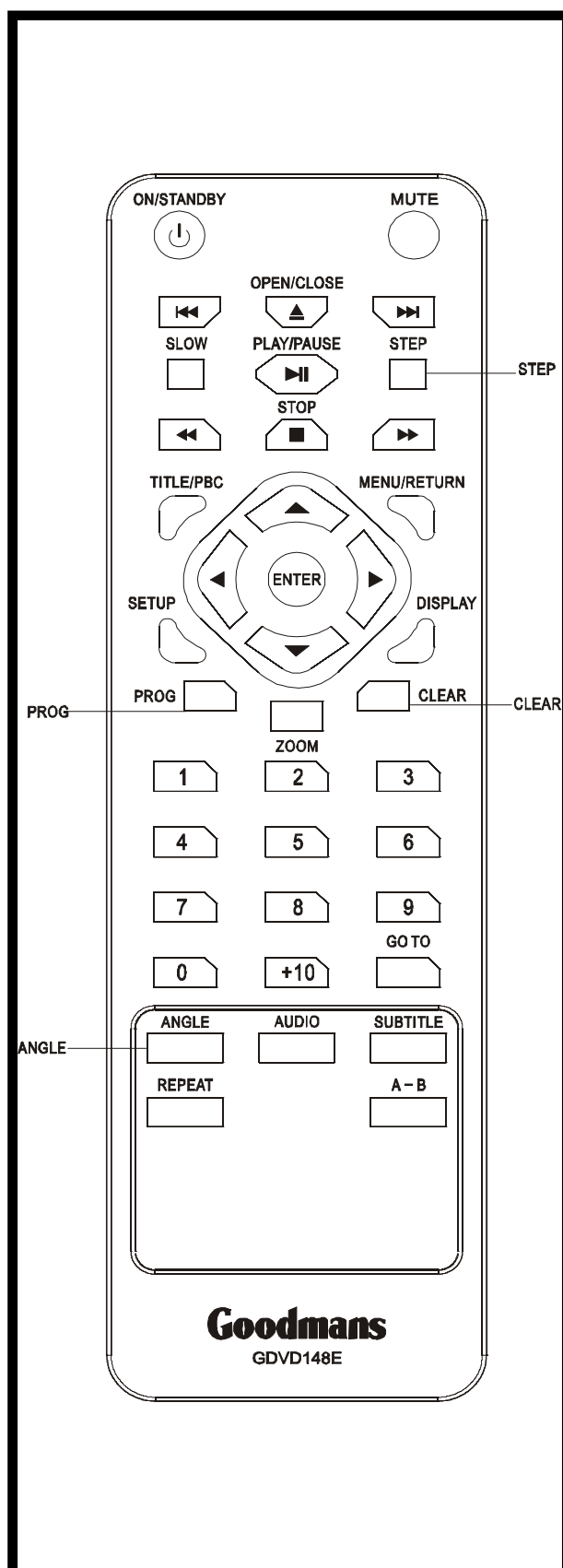
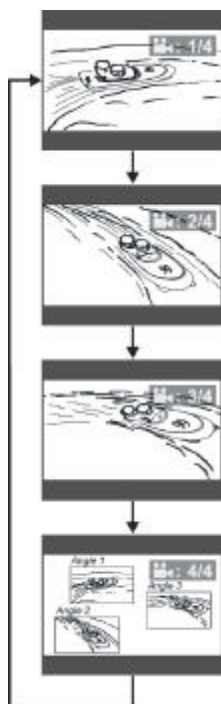
For VCD/CD disc



## Angle selection

Some DVD discs contain scenes which have been shot simultaneously from a number of different angles. For these discs, the same scenes can viewed from each of the different angles.

- 1 Press the **ANGLE** button to change the scenes from one angle to other angle(s).  
For example: 1/4, 2/4, 3/4, 4/4.

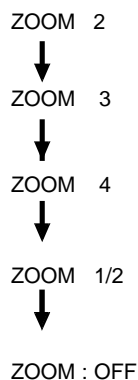


# Special Function

## Picture Zooming

This function allows you to enlarge the picture on the TV screen and to pan through the enlarged image.

- 1 Press **ZOOM** repeatedly to select a zoom factor as below:



- 2 To pan through the enlarged image, press ◀/▶/▲/▼ buttons to move the zoomed picture left, right, up or down.

## Selecting subtitle language

This function can only be used for DVD disc recorded with multi-subtitle language.

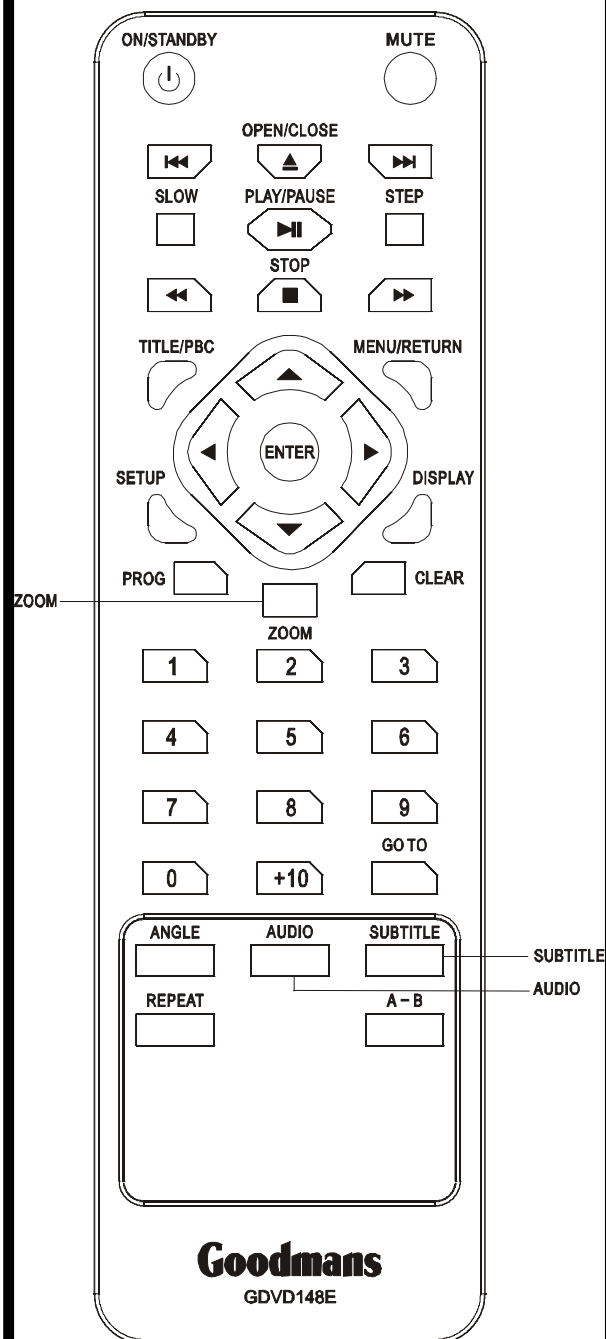
Press **SUBTITLE** repeatedly to select a desired language.

### Note

- The first pressing shows the current selection. Subsequent pressing toggles to the next subtitle setting.
- During some scenes, the subtitles may not appear immediately after you turn them on.

## Selecting audio language

Depending on some DVD discs, you may be able to change the audio format (including audio coding type, number of channels recorded and audio language).



## 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 highquality 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 scenesor information to be viewed (or listened to) can be selected interactively with the TV monitor by looking at the menu shown on theTV monitor.

### Subtitles

This is the appearance of the dialogue at the bottom of the screen which are prerecorded on someDVDdiscs.

### 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.)

### Time 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.

### Title number

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

### VideoCD

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

### DVD section

|                              |  |
|------------------------------|--|
| Laser type.....              | Semiconductor laser, Wavelength 650 nm |
| Signal system.....           | PAL625/50,NTSC525/60                   |
| Video output level.....      | 1 Vp-p (75 ohm)                        |
| Video Y output level.....    | 714mV                                  |
| Video C output level.....    | 286 mVp-p (75 ohm)                     |
| .....                        | CD 20 Hz - 20 kHz (+/-1.0dB)           |
| Digital output.....          | Coaxial                                |
|                              |  |
| Video signal                 |  |
| Horizontal resolution:.....  | 480lines                               |
| S/N ration:.....             | 60dB                                   |
| Audio singal                 |  |
| Audio frequency response.... | DVD (PCM)20 Hz - 22 kHz (+/-1.0 dB)    |
| .....                        | CD 20 Hz - 20 kHz (+/-1.0dB)           |
| S/N ratio.....               | 80dB                                   |
| Dynamic range:.....          | DVD(PCM): 85dB                         |
| .....                        | CD:85dB                                |
| Audio L/R :.....             | 2V (1K Hz 0dB)                         |
| Distortion.....              | 0.1%                                   |

### General

|                        |                     |
|------------------------|---------------------|
| Power supply .....     | 230V ~ 50Hz         |
| Power consumption..... | 15W                 |
| Dimension.....         | W430 x H37x D200 mm |
| Net Weight.....        | 2.2kg               |

Specifications subject to change without prior notice.

Weight and dimensions are approximate.

**This product incorporates copyright protection technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners.**

**Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation.  
Reverse engineering or disassembly is prohibited.**



# 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 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.<br>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.<br>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.