

# Goodmans

GDVD100R

OPERATING INSTRUCTIONS



Before operating this unit,  
please read this owners manual carefully

# IMPORTANT SAFEGUARDS

## PRE FITTED MAINS PLUGS

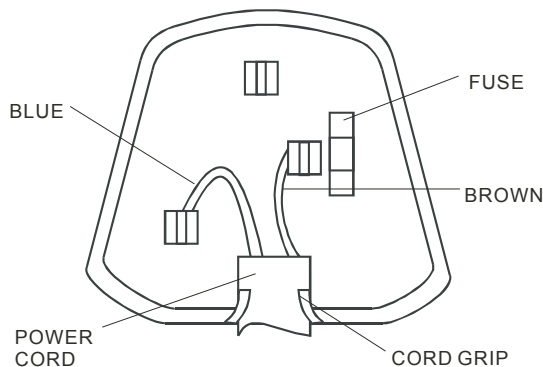
For your convenience a mains plug has been fitted to this appliance. For your safety please observe the following information.

1. Should the fuse in the plug fail remove the plug from the wall socket and replace the fuse with a 3 Amp ASTA approved to BS 1362 fuse.
2. Never use the plug without the fuse cover fitted. Replacement fuse covers are available from your dealer or most electrical retail outlets.
3. If the mains plug is cut off the cable, rewire the replacement plug in accordance with instruction give in this manual.
4. CAUTION: Under no circumstances should the discarded plug be inserted into the mains socket. To prevent a shock hazard carefully dispose of the discarded plug. Do not leave the plug lying around where children might see it.

**WARNING:** To prevent fire or shock hazard do not expose this unit to rain or moisture.

**CAUTION : DANGEROUS VOLTAGES EXIST INSIDE THIS UNIT. DO NOT REMOVE COVER (OR BACK).**

**NO USER SERVICEABLE PARTS INSIDE REFER SERVICING TO QUALIFIED SERVICE PERSONNEL. DISCONNECT FROM MAINS SUPPLY WHEN NOT IN USE.**



This wires in this mains lead are coloured in accordance with the following wiring codes:

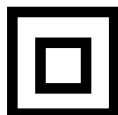
Blue.....Neutral  
Brown.....Live

This wires in this mains lead must be connected to the terminals in the plug as follows:

Blue Wire.....N or Black  
Brown Wire.....L or Red

Only a 3 Amp fuse should be fitted in the plug or a 5 Amp fuse at the distribution board.

**WARNING: UNDER NO CIRCUMSTANCES MUST THE LIVE OR NEUTRAL WIRES BE CONNECTED TO THE EARTH TERMINAL IN A 3-PIN MAINS PLUG.**



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

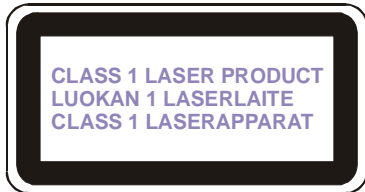
## WARNING

**To prevent fire or shock hazard, do not expose the unit to rain or moisture.**

**To avoid electrical shock, do not open the cabinet.**

**Refer servicing to qualified personnel only.**

**Mains cord must only be changed at qualified service shop.**



- This appliance is classified as a CLASS 1 LASER product.
- The CLASS 1 LASER PRODUCT MARKING is located on the rear panel.
- This product contains a low power laser device. To ensure continued safety do not remove any cover or attempt to gain access to the inside of the product. Refer all servicing to qualified personnel only.



This symbol is intended to alert the user of the presence of uninsulated "dangerous voltage " within the product's encasement that may be of sufficient magnitude to constitute a risk of electric shock to persons.

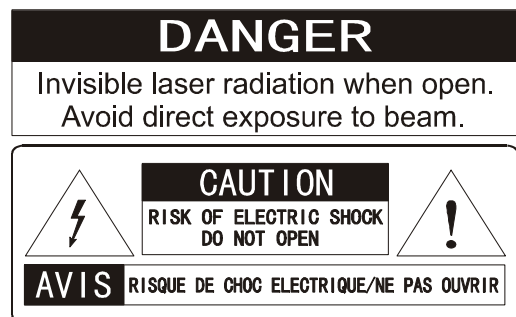


This symbol is intended to alert the user of the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

## CAUTION

**The use of optical instrument with this product will increase eyes hazard. As the laser beam used in this CD/DVD player is harmful to eyes, do not attempt to disassemble the cabinet. Refer servicing to qualified personnel only.**

The following marking is printed on the rear panel.



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# 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 be 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 loud section 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 screen 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.

## 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.**

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# General Information

## Features

- DVD player built-in DTS<sup>\*1</sup> and Dolby Digital<sup>\*2</sup> decoder, supporting Dolby Pro Logic I by 6-channel amplifier.
- Tuner (AM/FM) receiver.
- Conforming DVD, SVCD, VCD2.0, VCD1.1, MP3, CD-R, CD-RW, Picture CD, and JPEG discs.
- DVD navigation and SVCD, VCD 2.0 PBC controlling functions.
- VFD front panel display and OSD menu display.
- Full function remote control.

<sup>\*1</sup> **Manufactured under license from Digital Theater System, Inc. US Pat. No. 5,451,942, 5,956,674, 5,974,380, 5,978,762 and other world-wide patents issued and pending. “DTS” and “DTS Digital Surround” are trademarks of Digital Theater Systems, Inc. Copyright 1996,2000 Digital Theater Systems, Inc. All rights reserved.**

<sup>\*2</sup> **Manufactured under license from Dolby Laboratories. “Dolby”, “AC-3”, “Pro Logic” and the double-D symbol are trademarks of Dolby Laboratories. Confidential Unpublished Works. 1992-1999 Dolby Laboratories, Inc. All rights reserved.**

## DVD region code

DVD players and discs are designed with region numbers which dictate the region (printed on the rear panel). If the region number does not match the region number in your DVD player, you will not be able to play the disc. If you try to play the DVD, the message “WRONG REGION” will appear on OSD.

The region number for this DVD player is 2.

## Disc can be playbacked

- **DVDs**  
Disc are general recorded with multi-titles. Titles may be subdivided into chapters.
- **Video CDs**  
Disc are general divided into tracks.
- **Audio CDs and MP3**  
Disc are divided into tracks.




### Note

- You cannot play CD-G, CD-EXTRA, CD-ROM and DVD-ROM discs.
- You cannot play illegally produced discs.
- You cannot play scratched discs.
- You cannot play disc that are dusty, soiled or marked with fingerprints.

## Glossary of disc terms

- **Title (DVD)**  
The longest sections of a picture or a music piece on a DVD; a movie, ect., for a picture piece on a video software; or an album, etc., for a music piece on a audio software. Each title is assigned a title number enabling you to locate the title you want.
- **Chapter (DVD)**  
Sections of a picture or a music piece that are smaller than titles. A title is composed of several chapters. Each chapter is assigned a chapter number enabling you to locate the chapter you want. Depending on the disc, no chapters may be recorded.
- **Track (Video or audio CD)**  
Sections of a picture or a music piece on a VIDEO or a CD. Each track is assigned a track number enabling you to locate the track you want.

## Conventions about this manual

- Instructions in this manual describe the controls on the system. You can also use the controls on the remote control if they have the same or similar names as those on the system.
- The types of functions and operations that can be used for a particular disc vary depending on the features of that disc. In some cases, these functions and operations may differ from the descriptions given in this Operations Manual. In this event, follow the instructions given on the screen. This Operations Manual only covers basic disc operations.
- For some operations, the  icon may appear on the the screen. This indicates that the operation described in this Operations Manual is not permitted for the current disc.
- The drawings about the TV screen and front panel display used in this Operations Manual are purely for the purposes of explanation. The actual displays may differ slightly from what are shown here.

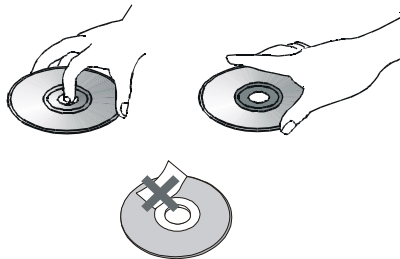
# General Information

## 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.

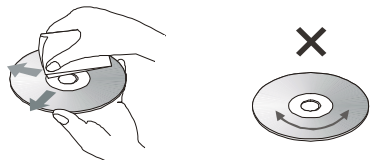
If there is glue (or a similar substance) on the disc, remove the glue completely before using the disc.



- 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 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 1 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.

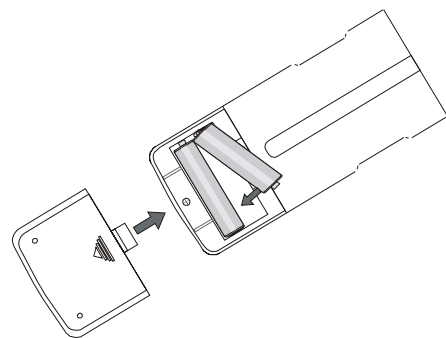
## Accessory

Check that you have the following items:

- Main unit (1)
- Subwoofer (1)
- Speakers (5)
- Remote control (1)
- AAA batteries (2)
- Video cable (1)
- Audio cable (1)
- Speaker Wire 5 pcs(22AMG)
- MW loop antenna (1)
- FM pigtail antenna (1)
- Operations Manual (1)

## Inserting Batteries into the Remote Control

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.

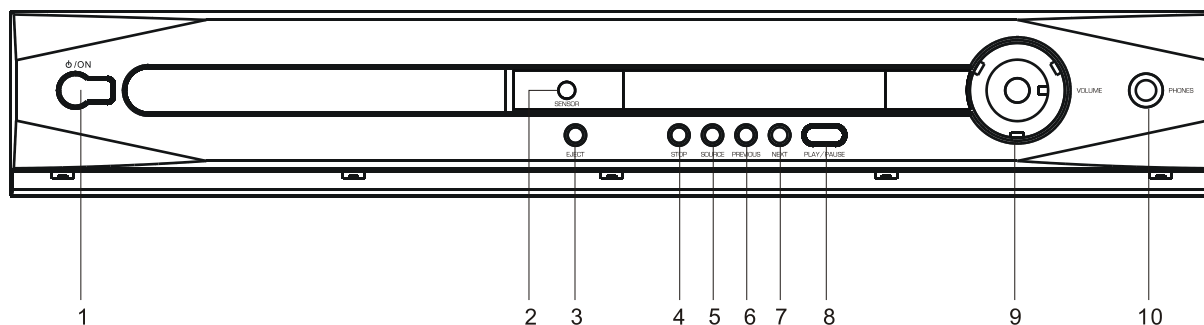


### Note

- 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.

# Function Overview

## Front panel



### 1. $\phi$ / ON

Press to switch the power ON or OFF.

### 2. SENSOR

Received the remote control.

### 3. EJECT

Press to open/close disc tray.

### 4. STOP

Press to stop playback.

### 5. SOURCE

Press to select source: DVD, TUNER, TV/VCR, AUX.

### 6. PREVIOUS

In DISC mode, press to skip to previous track.

In TUNER mode, press to select radio preset.

### 7. NEXT

In DISC mode, press to skip to next track.

In TUNER mode, press to tuning the higher frequency.

### 8. PLAY / PAUSE

Press to start or stop temporarily playback.

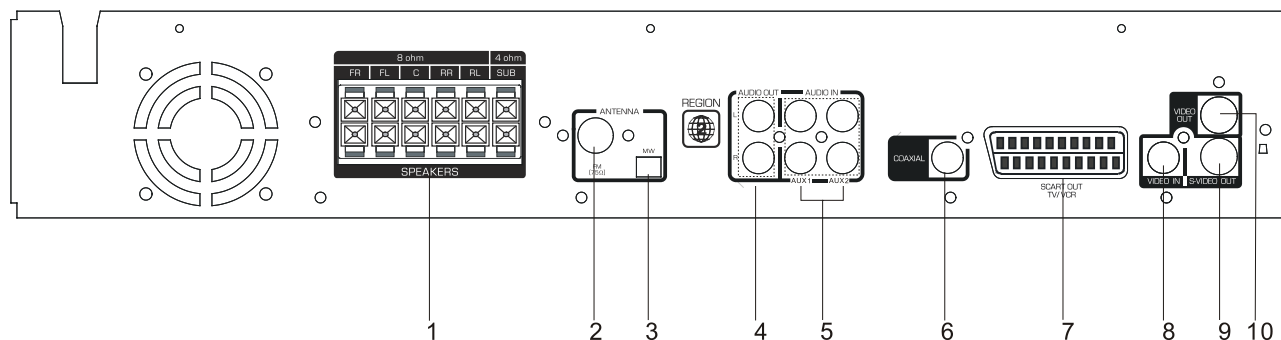
### 9. VOLUME CONTROL

Increase or decrease the master volume level.

### 10. PHONES

Connect the headphone to this jack.

## Back panel



### 1. SPEAKERS Terminal

Connect to the supplied speakers.

### 2. FM AERIAL Terminal

Connect to the supplied FM pigtail aerial.

### 3. MW AERIAL Terminal

Connect to the supplied AM loop aerial.

### 4. AUDIO OUT SOCKET

Connect to the audio input of an external recording device or amplifier.

### 5. AUDIO IN SOCKET

Connect to audio output of AUX1 or AUX2.

### 6. COAXIAL DIGITAL / OUT SOCKET

Connect to an optional receiver.

### 7. SCART OUT

Connect to the TV with Scart input.

### 8. VIDEO IN

Connect to VCR with video output.

### 9. S-VIDEO OUT SOCKET

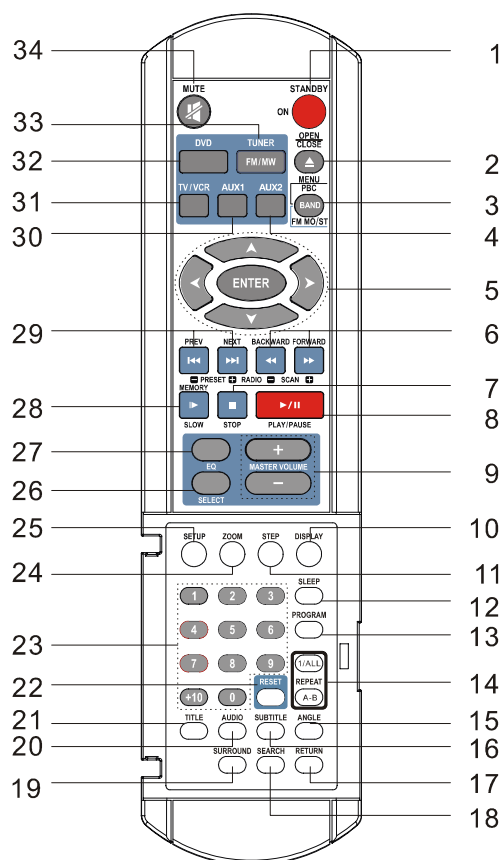
Connect to TV with S-video input connector.

### 10. VIDEO OUT

Connect to TV video input connector.



# Function Overview



Turn the system STANDBY or POWER ON .

## 2. OPEN/CLOSE

Open or close the disc tray.

## 3. MENU/PBC

In disc mode, switch to set the MENU/PBC function on or off.  
In tuner mode, switch between FM MONO and FM STEREO.

## 4. AUX 2

Press to select AUX 2 mode.

## 5. ◀/▶/▲/▼ ENTER Buttons

Select and move the screen cursor to a desired option.

## 6. BACKWARD and FORWARD (◀◀/▶▶)

In disc mode, press to skip to next or previous track.  
In tuner mode, press to select scan - or scan + .

## 7. STOP

Press to stop playing a disc and clear the stored program.

## 8. PLAY / PAUSE (▶/||)

Press to start or pause playback.

## 9. MASTER VOLUME +/-

Select to adjust the master volume level.

## 10. DISPLAY

Display the information about the playing disc.

## 11. STEP

Press to see the picture slowly.

## 12. SLEEP

Press to active the sleep timer.

## 13. PROGRAM

Press to set a program play.

## 14. REPEAT

1/ALL: Press to select repeat one tilte or all.

A-B: Press to select repeat A-B.

## 15. ANGLE

Press to change the angle viewed(where available).

## 16. SUBTITLE

Press to select a desired subtitle language.

## 17. RETURN

Press to return back the menu for VCD and DVD with title.

## 18. SEARCH

Press to set search function.

## 19. SURROUND

Press to select set the surround function.

## 20 . AUDIO

Press to select audio language and audio channel for sound.

## 21. TITLE

Press to playback the title menu.

## 22. RESET

Press to reset all the items in the setup menu as defaults.

## 23. NUMBER KEYS (0~9/+10)

Select the items or setting directly.

## 24. ZOOM

Press to zoom in the playing picture.

## 25. SETUP

Press to display or exit SETUP menu.

## 26. SELECT

Select the audio channel to view or adjust its level.

## 27. EQ

Press to select the preset equalizer mode.

## 28. SLOW / MEMORY (I▶)

In Disc mode, press to do slow-motion.

In tuner mode, press to store the current frenquency in memory.

## 29. PREV& NEXT (I◀◀/▶▶I)

Press to select the previous/next title, chapter or track/radio preset.

## 30. AUX1

Press to select AUX 1 mode.

## 31. TV/VCR

Press to select TV/VCR mode.

## 32. DVD

Press to select DVD mode.

## 33. TUNER

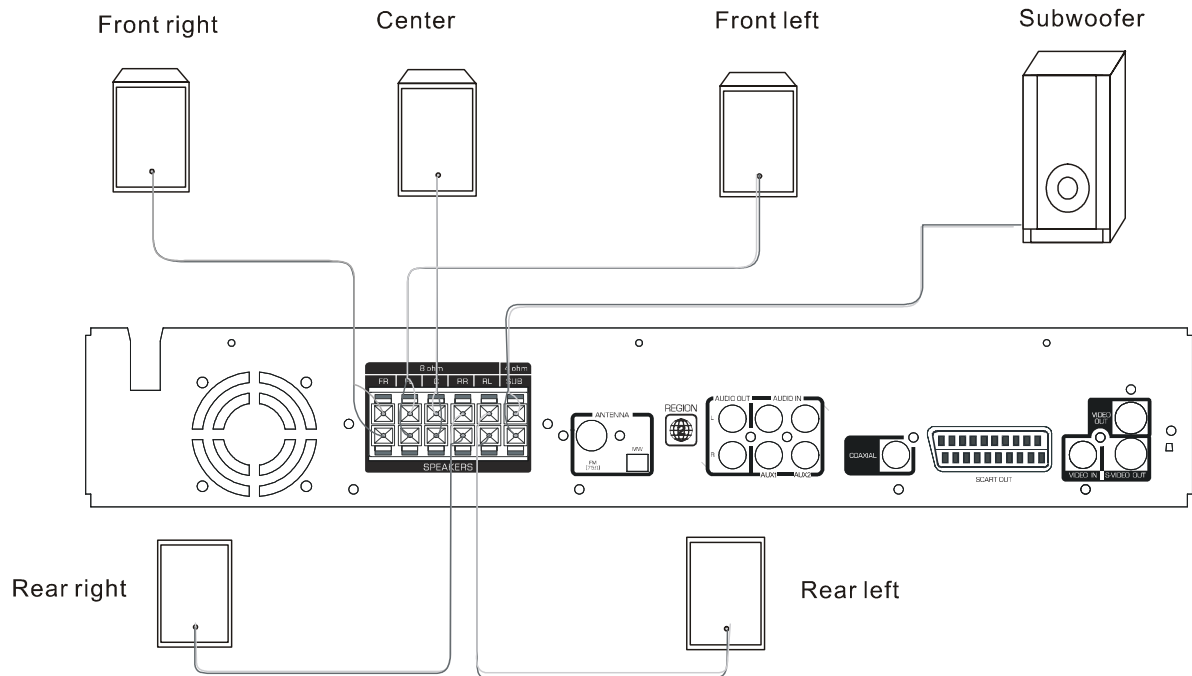
Press to select TUNER mode.

## 34. MUTE

Press to mute all of the sound.

# Connections

## Connecting to Speakers



Connect the supplied speakers Using the supplied speaker wires matching the colors of the jacks and speaker wires.

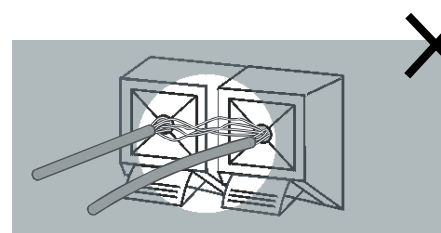
- Connect the supplied speaker wire to the **FR, FL, C, SR, SL** terminal jacks.
- Connect the supplied speaker wire to the **SUB** terminal jacks.

### To avoid short-circuiting the speakers

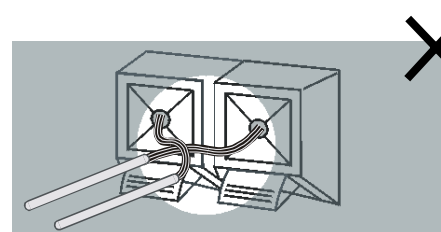
- Short-circuiting of the speakers may damage the system. To prevent this, make sure to take the following precautions when connecting the speakers.
- Make sure the stripped end of each speaker cord does not touch another speaker terminal or the stripped end of another speaker cord.

### Examples of poor conditions of the speaker cord

- Stripped speaker cord is touching another speaker terminal.



- Stripped cords are touching each other due to excessive removal of insulation.



### Note

- Be sure to match the speaker cord correctly.
- For optimal sound performance, use the supplied speakers.
- Do not connect speakers with an impedance lower than the speakers supplied.

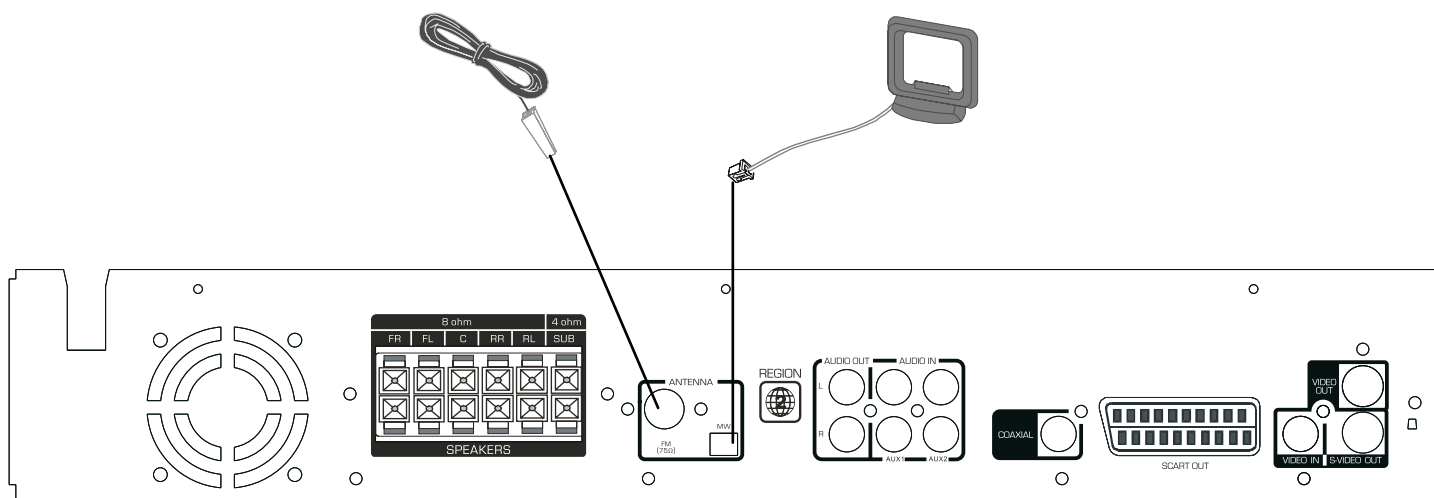
# Connections

## Connecting MW / FM aerial

- Connect the supplied MW loop aerial to the **MW** socket . Position the loop aerial to receive the clearest sound.
- Connect the supplied FM aerial to the **FM** socket . Move the aerial in various direction until the clearest signal is received.

### Note

- Keep the aerial as far away as possible from the TV, AUX or any radiation source to prevent unwanted noise.



### If you have poor FM reception

For better FM reception, use a 75 ohm coaxial cable (not supplied) to connect the system to an outdoor FM aerial.



# Basic Setup

## Setting up the surround sound system

You must connect all the speakers and setup the system properly in order to enjoy the Digital Cinema experience at home.

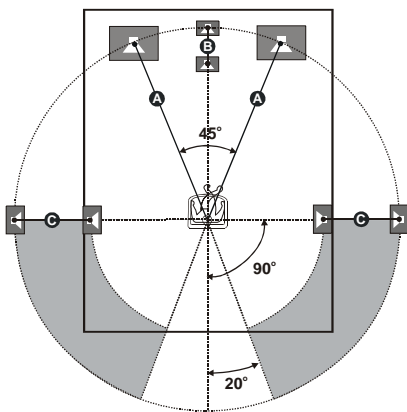
### Position

For the best possible surround sound all the speakers other than the subwoofer should be the same distance from the listening position ( **A** ).

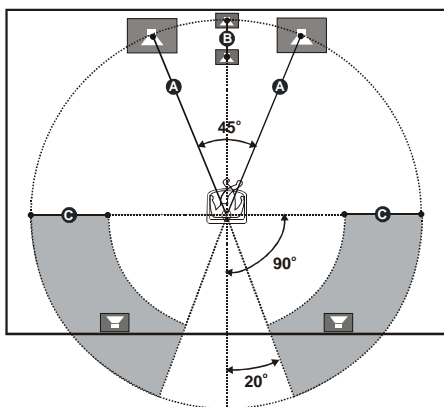
However, this system allows you to place the center speaker up to 1.6 meters closer ( **B** ) and the rear speakers up to 4.6 meters closer ( **C** ) to the listening position.

The front speakers can be placed from 1.0 to 15.0 meters ( **A** ) from the listening position.

- You can place the subwoofer at any position. If possible, place the subwoofer near a corner to maximize the bass response.

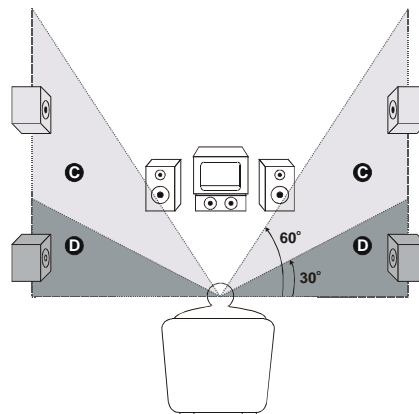


- You can place the rear speakers either behind you or to the side, depending on the shape of your room, etc.



### Height

- The best height for the front speakers is when the high frequency speakers (tweeters) are at ear height (while seated).
- The best height for the center speaker is at the height of your ears (while seated).
- The height of the rear speakers is not lower than the height of your ears (while seated).  
See the following diagram. The best position to place the rear speakers is area **D** . But they can be placed in the area **C** .



You can vary the level of each speaker as follows.

- Press the **SELECT** button to select a channel. The level of the channel will appear on the front panel display and TV screen. FL (Front-left level), CNT (Center level), FR (Front-right level), SR (Surround-right level), SL (Surround-left level) and SUB (Subwoofer level) adjustable range: -15 dB to +10 dB, 1 dB/step.
- Use the **MASTER VOLUME + / -** buttons to adjust the selected channel's level.

If you do not press the **SELECT** or **MASTER VOLUME +/-** button for a few seconds, the value turns off and is stored in the system.

### Note

- The optional items vary with the changing of listening mode.

**To adjust the volume of all the speakers (Master Volume) at one time.**

Use the **MASTER VOLUME +/-** buttons in normal mode.

## Selecting the listening mode

- Press **SURROUND** to select the listening mode as following:  
Dolby Digital, Dolby Pro Logic, DTS, Stereo.

Please note these options vary depending on the disc or source selected.

# Basic Setup

## General setup

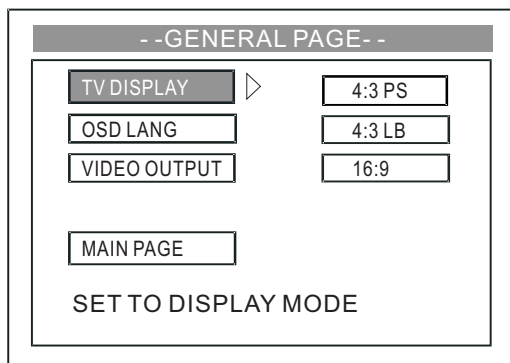
- 1 Press **SETUP** to enter SETUP MENU.
- 2 Use **◀/▶/▲/▼** to select your preferred option.
- 3 Press **ENTER** to confirm a highlighted selection.
- 4 To exit setup menu, press **SETUP**.

### Note:

To access all options in the setup menu press stop twice.

### Setting the TV display

You can select the aspect ratio of the TV to be connected.



- **4:3 PS**  
If you have a conventional TV set and your DVD is not formatted for widescreen viewing, use this setting. A wide picture is displayed on the whole TV screen with a portion automatically cut off.
- **4:3 LB**  
If you have a conventional TV set and your DVD is formatted for widescreen viewing, use this setting. Wide bands will be displayed on the upper and lower portions of the TV screen.
- **16:9**  
If you have a widescreen TV set, use this setting (you must also set your widescreen TV to "full size")

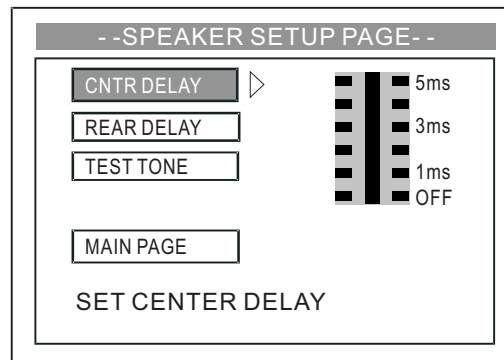
### Selecting the language for OSD

This function allows you to select the desired language. The default setting is ENGLISH.

### VIDEO output setting

Selects the video output terminals.  
The default setting is SCART.

## Speaker setting



### Center delay setting

If the listening position is closer to the center speaker than the front speaker, you can set the center delay time to improve the sound field effect.

Options: off, 1ms, 2ms, 3ms, 4ms or 5ms.

Default setting is: 5ms.

### Rear delay setting

If the listening position is closer to the rear speaker than to the front speaker, you can set the rear delay time to improve the sound field effect.

Options: off, 3ms, 6ms, 9ms, 12ms or 15ms.

Default setting is: 15ms.

### Test tone

If you set to ON, the system will test the speaker settings. The test signal is generated through the left, center, right, and surround speakers. The default setting is OFF.

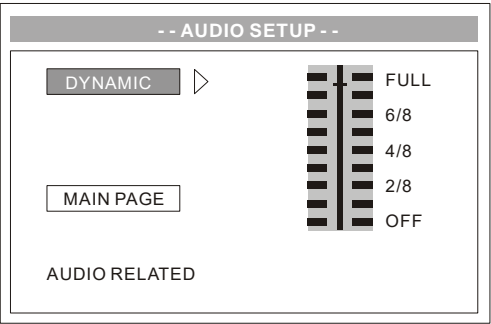
# Basic Setup

## Audio Setup

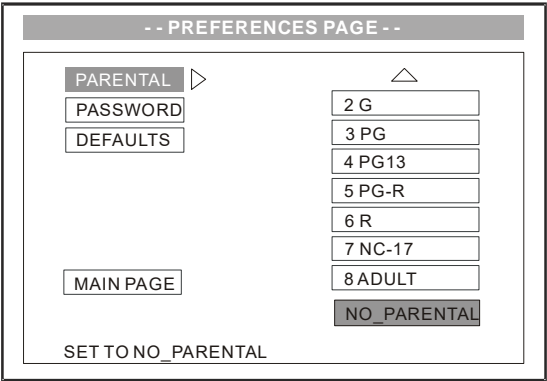
### Digital out Dynamic range setting

In many listening situations, it is objectionable to allow the sound to become very loud, and thus the loudest sounds must be compressed downwards in level. Likewise, the very quiet sounds would be inaudible and must be brought upwards in level to be heard. Dolby Digital satisfies these needs through the dynamic range controlling. Selects the dynamic range compression to fit the individual listening situation of the audience. The variable range is from FULL, 7/8 to 1/8, or OFF.

- FULL: Audio with fully compressed dynamic range.
- 7/8~1/8: Audio with partially compressed dynamic range.
- OFF: Audio with uncompressed dynamic range.



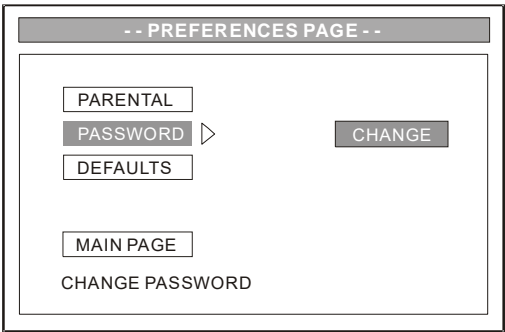
- Note**
- The Dynamic Range settings only support disc recorded using Dolby Digital .



Enter password, then press ENTER to select the parental level.

## Change the Password

To set a new password for the parental control or to change the password. The default password is 9999.



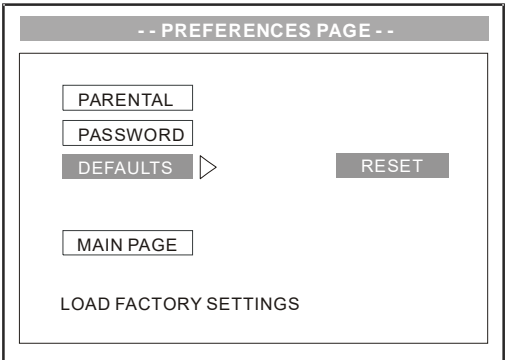
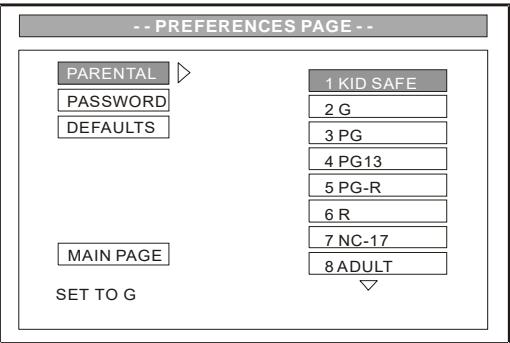
a

## PREFERENCES SETUP

### Parental Control

This function allows to set playback limitation level. Playing some DVD discs can be limited depending on the age of the user.

- Note:**
- This functin only works with disc that are recorded with parental control, if the disc does not contain this feature, it will be played anyway.



b

# Playing Discs

## General operation

- 1 When you complete all the connections, plug the AC power cord of the player and subwoofer.
- 2 Press **POWER** to switch ON the main power.
- 3 Press the **DVD**, **TUNER**, **TV/VCR** or **AUX1**, **AUX2** on the remote control or press the **SOURCE** key on the front panel to select the input source.
- 4 Press **OPEN/CLOSE** to open the disc tray, press again to close the disc tray.
- 5 Press **MASTER VOLUME UP / DOWN (+/-)** to increase or decrease the volume level.
- 6 Press **MUTE** to turn off the sound. To restore the volume, press it again.

## Basic playback

### Start playback

- Press **PLAY/PAUSE ►/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 **I◀◀ / ▶▶I** 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 discs  
FF(fast forward) : **▶▶ F.FWDX2, ▶▶ F.FWDX4, ▶▶ F.FWDX6, ▶▶ F.FWDX8.**  
FR(fast reverse) : **◀◀ F.BWDX2, ◀◀ F.BWDX4, ◀◀ F.BWDX6, ◀◀ F.BWDX8.**
  - For VCD / CD discs  
FF(fast forward) : **▶▶ F.FWDX1, ▶▶ F.FWDX2, ▶▶ F.FWDX3, ▶▶ F.FWDX4.**  
FR(fast reverse) : **◀◀ F.BWDX1, ◀◀ F.BWDX2, ◀◀ F.BWDX3, ◀◀ F.BWDX4.**
- 2 To resume normal play, press **PLAY/PAUSE ►/II**.

### Repeat

- For DVD discs  
Press **REPEAT** repeatedly to select the following on the display:  
REPEAT 1 : repeat chapter  
REPEAT : repeat title/disc
- For VCD discs  
Press **REPEAT** repeatedly to select the following on the display:  
REPEAT 1 : repeat the current track  
REPEAT : repeat the entire disc

### Note

For VCD discs, this function can only be used when PBC is turned off.

### Repeat A - B

This function can play a specific section in a chapter/track repeatedly.

- 1 Press A - B at the starting portion you want.
- 2 Press A - B again at the end portion you want. The specific section will now repeat continuously.
- 3 Press A - B the third time to resume normal playback.

### Note

- Points A and B can be set only within the same chapter/track.

### Slow motion play

Press **SLOW/MEMORY I►** to play in slow motion.

- For DVD discs  
Press it repeatedly to select the slow motion speed:  
SF (forward) : **I► SLOW 1/2, I► SLOW 1/4, I► SLOW 1/8.**  
SR (reverse) : **◀ I SLOW 1/2, ◀ I SLOW 1/4, ◀ I SLOW 1/8.**
- For VCD discs  
Press it repeatedly to select the slow motion speed:  
SF (forward) : **I► SLOW 1/1, I► SLOW 1/2, I► SLOW 1/3.**

### EQ SELECT

1. Press EQ button repeatedly on the remote control to select the following: EQUALIZE ON, EQUALIZE OFF, TYPE.
2. When in TYPE page, press SELECT button repeatedly to select the following cyclically: **STANDARD → CLASSIC → JAZZ → ROCK → POPS → BALLAD → DANCE**

### Note

- If not in TYPE page, press SELECT button can select FL, C, FR, SURROUD, SUBWOOFER cyclically.
- When you select one speaker, press VOLUME +/- can adjust the volume level.



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# Playing Discs

## Playing Video CDs with PBC

When playing Video CDs (Version 2.0) with PBC functions, you can enjoy simple interactive operations, operations with search functions, etc.

PBC playback allows you to play Video CDs interactively, following the menu on the TV screen.

- 1 Start playing a Video CD without PBC functions, Press **MENU/PBC** to set PBC function ON.
- 2 The menu appears on the TV screen.
- 3 Use the number keys buttons to select the item you want.  
For some discs, you can only select the items using the number buttons.
- 4 Follow the instructions on the menu screen for interactive operations.  
Refer to the instructions supplied with the disc, as the operating procedure may differ according to the Video CD.

### Note

- While playing a disc with PBC ON mode, the **REPEAT** function will not work.
- While playing a disc with PBC ON mode, use number keys to select the item you want is not available.

### To go back to the menu screen

Press the **RETURN** when playing a disc with PBC. The "BACK TO MAIN PAGE" is shown on the TV screen, and then the menu appears.

### Note

- If the PBC function of this system is set to off, pressing the **RETURN** button will not work.

### To cancel PBC playback function and play a Video CD without PBC menu.

- Press the **MENU/PBC**. "PBC OFF" will appear on the TV screen. If a disc is playing, the playback will stop.
- Press the **▶/II** to start (or restart) playing the disc from the beginning or use number key to select track you like.

## Using the menu for each DVD

### Using the title menu

- 1 Press the **TITLE** 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 **◀ / ▶ / ▲ / ▼** 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).

### 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 "title" in the instructions supplied with the disc.
- For some DVD disc, when you press the **TITLE**, the playback will restart from the beginning of the disc.

### Using the root menu

- 1 Press the **RETURN** while playing a DVD disc.  
The "ROOT MENU" will be shown on TV screen for a moment, and then the root 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).

### Note

- Depending on the DVD disc, you may not be able to enter the root menu.
- For some DVD disc, when you press the **RETURN**, the playback will restart from the beginning of the disc.

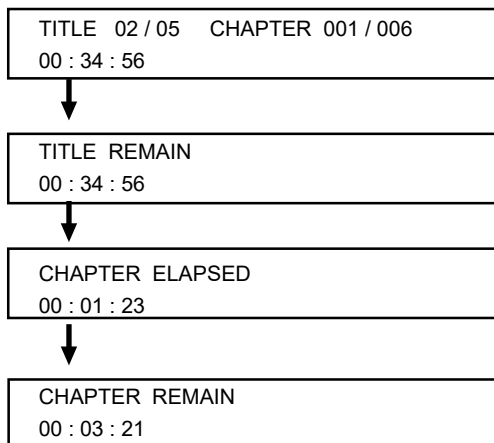
# Playing Discs

## 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 appears on the TV screen or/and on the front panel display.

### When playing back a DVD

- 1 Press the **DISPLAY** repeatedly to show on TV screen as the following:



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

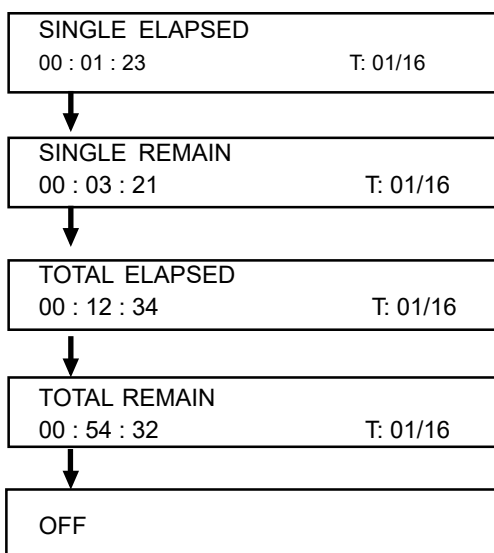
#### Note

- Depending on the DVD, the title number or chapter number or time may not appear or you may not be able to change the display.

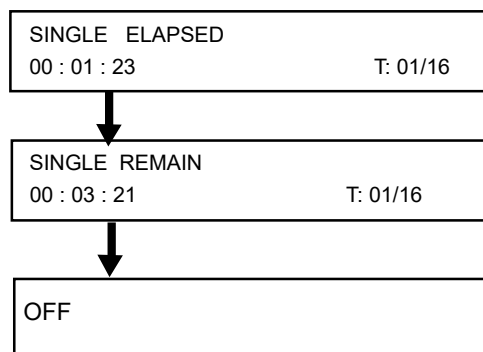
### When playing back a Video CD or CD

- 1 Press the **DISPLAY** repeatedly to show on TV screen as the following:

(PBC OFF) VCD/CD



### (PBC ON) VCD



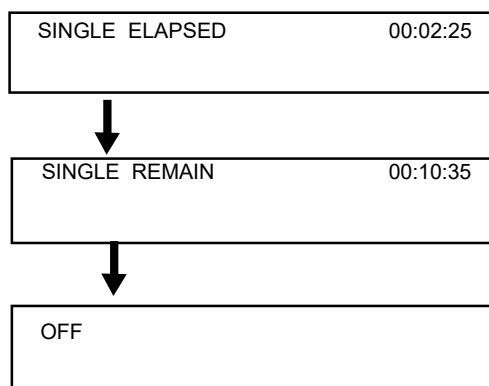
- 2 Press the **DISPLAY** again, to turn the information display off.

#### Note

- For CD, the information about track and time appears simply on the front panel display.
- Depending on the VCD, the time information may not appear on the TV screen or you may not be able to change the display.
- This function only effective for VCD or CD in PBC OFF mode.

### When playing back a MP3

- 1 Press the **DISPLAY** repeatedly to show on TV screen as the following:



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

# Playing Discs

## Selecting the start time

This function allows you to start playing at any chosen time on the disc.

### When playing DVD disc

- 1 Press the **SEARCH** repeatedly, the following menu appears on the TV screen.

TITLE 02 / 05 CHAPTER 001 / 006



TITLE 02 / 05 TIME ---:--:--

- 2 Use the number buttons (0~9 / +10) to input the title or chapter number you want.
- 3 Then it will play directly.
- 4 Press **SEARCH** again to exit.
- 5 Use the ◀ or ▶ to select title number or chapter number and use ENTER or PLAY button to confirm and play it.

TITLE 02 / 05 CHAPTER 001 / 006



TITLE 02 / 05 CHAPTER 001 / 006

### When playing Video CD disc

- 1 Press the **SEARCH**, the following menu appears on the TV screen.

SEARCH: -- : --

- 2 Use the number buttons (0~9 / +10) to input the time you want.
- 3 Press **SEARCH** again to exit.

Note:

- When playing a VCD disc, only in PBC OFF mode, the function is available.

## 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. UP to 99 tracks can be stored.

- 1 While playback is stopped, select or press **PROGRAM** to enter program mode.

TRACK PROG  
P00:00

- 2 Use the number buttons (0 ~ 9, +10) to input the track number in the order you want.

TRACK PROG  
P02:08

If you attempt to program more than 99 tracks, the FULL will be displayed.

TRACK PROG  
FULL

- 3 Repeat **step 2** to store other tracks.
- 4 To start program play, press **PLAY/PAUSE** ►/II.
- 5 To stop playback, press ■ once.
- 6 To cancel the program, press ■ again.

## Selecting the audio channel and language

Note:

Depending on the discs, you can select the different audio channels.

- For Video CD discs  
Press **AUDIO** repeatedly to select the following : LEFT VOCAL, RIGHT VOCAL, MONO LEFT, MONO RIGHT, STEREO.
- For DVD discs  
Press **AUDIO** repeatedly to change the audio format (including audio coding type, number of channels recorded and audio language) The relevant message appears on the TV display as shown below.


AUDIO 2/8: AC-3 5.1CH ENGLISH

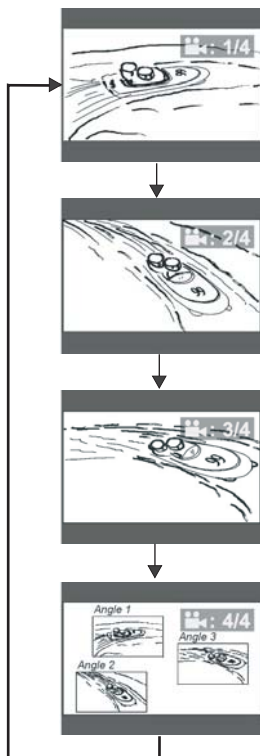
- For CD discs  
Press **AUDIO** repeatedly to select the following: MONO LEFT, MONO RIGHT, STEREO.

# Special Function

## 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 be viewed from each of the different angles. (The recorded angles differ from disc to disc.)

- 1 While playing a title shot from different angles, the angle mark  appears on the TV screen. Of course, you can turn it on by changing angle mark to off in preferences..
- 2 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.







## 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:

ZOOM x 1.5  
↓  
ZOOM x 2  
↓  
ZOOM x 3  
↓  
ZOOM OFF





- 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. You can set a preferred language for subtitle in the SETUP menu.

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

### Note

- The first press shows the current selection. Subsequent press toggles to the next subtitle setting.
- Some DVDs display subtitles automatically, and cannot be turned off even if you set the subtitle function to off.
- During some scenes, the subtitles may not appear immediately after you turn them on.
- Some DVDs allow you to make subtitle selections and turn subtitles on or off only via the disc menu. Use  /  /  /  and **ENTER** buttons.

## Other Function

### Tuning to radio stations

- 1 Press **POWER** to switch on the system.
- 2 Press **SOURCE** repeatedly until "FM" or "MW" appears on the front panel display.  
You can press the **TUNER** button to select FM or AM directly.  
The last received station is tuned in.



- 3 Press and hold **PRESET - (◀◀)** or **PRESET + (▶▶)** until the frequency indication starts to change, then release. The system will search the radio automatically.
- For manual tuning, press **PRESET - (◀◀)** or **PRESET + (▶▶)** repeatedly.

### Presetting radio stations

You can preset up to 40 stations for FM or AM randomly.

- 1 Tune to your desired radio station.
- 2 Press **SLOW/MEMORY (I▶)**, the display will show as below.



- 3 Use the number keys (**0 ~ 9 / +10**) to select the desired preset number.



- 4 Press **SLOW/MEMORY (I▶)** to store the station.
- 5 To preset another stations, repeat **steps 1-4**.

### Listening to preset radio stations

- 1 In tuner mode, press **PRESET + / - (◀◀ / ▶▶)** or number keys (**0 ~ 9 / +10**) to select the desired preset stations.

#### If an FM program is noisy

Press **(ST/MO)** on the remote control, "STEREO" appears on the front panel display. There is not stereo effect, but the reception will improve.

### Listening to an external source

- Press **TV, AUX1, AUX2** repeatedly to select the TV, AUX1 or AUX2 mode.

### Sleep timer setting

The sleep timer enables the system to switch to standby mode automatically after a preset time.

- 1 Press **SLEEP** repeatedly to select a preset time as following:
- 15 (minutes) → 30 → 45 → 60 → 90 → 120 → OFF



#### To cancel the sleep timer

- Press **SLEEP** repeatedly until the "OFF" appears.

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# Troubleshooting

If you experience any of the following difficulties while using the system, use this troubleshooting guide to help you remedy the problem. Should any problem persist, consult your nearest service center.

## No power

- Is the power cord firmly plugged into the power outlet?
- One of the safety mechanisms may be operating. In this event, unplug the player from the power outlet briefly and then plug it in again.

## No picture

- Check that the system is connected securely.
- The video connecting cord is damaged. Replace it with a new one.
- Make sure you have connected the system to video input connector on the TV.
- Make sure you have turned on the TV.
- Make sure you have selected the video input on the TV so that you can view the pictures from this system.

## The picture noise appears

- Clean the disc.
- If video from this system has to go through your VCR to get to your TV, the copy-protection applied to some DVD programs could affect picture quality. If you still experience problems after checking your connections, please try connecting your DVD system directly to your TV's S-Video input, if your TV is equipped with this input.

## The aspect ratio of the screen cannot be changed even though you set "TV DISPLAY" in the SETUP menu when you play a wide picture.

- The aspect ratio is fixed on your DVD disc.
- If you connect the system with the S-Video cable, connect directly to the TV. Otherwise, you may not change the aspect rate.
- Depending on the TV, you may not change the aspect rate.

## There is no sound or only a very low-level sound is heard.

- Check that the speakers and components are connected securely.
- Make sure that you have selected the correct source on the system.
- The protective device on the system has been activated because of a short circuit. Turn off the system, eliminate the short-circuit problem and turn on the power again.
- The audio connecting cord is damaged. Replace it with a new one.
- The system is in pause mode or in slow-motion play mode, or fast forward or fast reverse is performed. Press **PLAY/PAUSE** ►/II to return to normal play mode.
- Check the speaker settings

## The left and right sounds are unbalanced or reversed

- Check that the speakers and components are connected correctly and securely.
- Adjust front balance parameter using **SELECT** and **VOLUME +/-**.

## Severe hum or noise is heard

- Check that the speakers and components are connected securely.
- Check that the connecting cords are away from a transformer or motor, and at least 3 meters away from a TV set or fluorescent light.
- Move your TV away from the audio components.
- The plugs and jacks are dirty. Wipe them with a cloth slightly moistened with alcohol.
- Clean the disc.

## The sound loses stereo effect when you play a Video CD or a CD

- Make sure you connect the system appropriately.

## The surround effect is difficult to hear when you are playing a Dolby Digital sound track

- Check the speaker connections.
- Depending on the DVD disc, the output signal may not be the entire 5.1 channel but monaural or stereo even if the sound track is recorded in Dolby Digital format.

## The sound comes from the center speaker only

- Depending on the disc, the sound may come from the center speaker only.

## No sound is heard from the center speaker

- Make sure the Center is set to "ON" in SETUP menu.
- You may set the listening mode to Dolby Pro Logic Phantom .
- Adjust the speaker volume.

## No sound or only a very low-level sound is heard from the rear speakers

- Make sure the Rear is set to "ON" in SETUP menu.
- Adjust the speaker volume.

## The language for the subtitles cannot be changed when you play a DVD

- Multilingual subtitles are not recorded on the DVD.
- Changing the language for the subtitles is prohibited on the DVD.

## The subtitles cannot be turned off when you play a DVD

- Depending on the DVD, you may not be able to turn the subtitles off.

## The angles cannot be changed when you play a DVD

- Multi-angles are not recorded on the DVD.
- Change the angles when the angle mark appears on the TV screen.
- Changing the angles is prohibited on the DVD.

## The system does not operate properly

- Static electricity, etc., may affect the system's operation. Press the **POWER** button to turn off, then press again to turn on.

# Specifications

## DVD section

Laser type .....	Semiconductor laser, Wavelength 650 nm
Signal system .....	PAL/NTSC
Video format .....	4:3 / 16 : 9
Video output level .....	1 Vp-p (75 ohm)
Audio frequency response .....	4 Hz - 22 kHz (48 kHz)
.....	4 Hz - 44 kHz (96 kHz)

## Tuner section

Tuning range .....	FM 87.5 - 108 MHz (50 kHz steps)
.....	AM 522 - 1620 kHz ( 9 kHz steps)
30 dB quieting sensitivity .....	FM 22 dB
20 dB quieting sensitivity .....	FM 22 dB
Image rejection ratio .....	FM 40 dB
.....	AM 25 dB
IF rejection ratio .....	FM 60 dB
.....	AM 45 dB
Signal-to-Noise ratio .....	FM 55 dB
.....	AM 40 dB
AM suppression ratio .....	FM 30 dB
Harmonic distortion .....	FM mono 3%
.....	FM stereo 3%
.....	AM3%
Frequency response .....	FM 150 Hz - 10 kHz / +/-3 dB
Stereo separation .....	FM 25 dB (1 kHz)
Stereo threshold .....	FM24 dB

## Amplifier section

Output power - Stereo mode (DIN) .....	2 x 15 W
- Surround mode (1 kHz) .....	15W RMS/channel
Total harmonic distortion .....	10% at rated power (1 kHz)
Frequency response .....	180 Hz - 20 kHz / +/-3 dB
Signal-to-Noise ratio .....	> 65 dB (CCIR)
Input sensitivity .....	400 mV

## General

Power supply .....	230V / 50 Hz
Power consumption .....	100 W
Dimension .....	W430 x H69 x D370 mm
Weight .....	5.7 kg

## Speaker

Front, Center .....	1-way shielded
Surround .....	1-way no shielded
Impedance .....	8 ohm
Speaker drivers .....	3 full range
Dimension .....	W92x H146x D111 mm
Weight .....	0.53 kg/each

## Subwoofer

Subwoofer .....	5 1/4
Output power .....	25 W
Impedance .....	4 ohm
Dimension .....	W200 x H300 x D310 mm
Weight .....	3.8 kg

### Specifications subject to change without prior notice

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