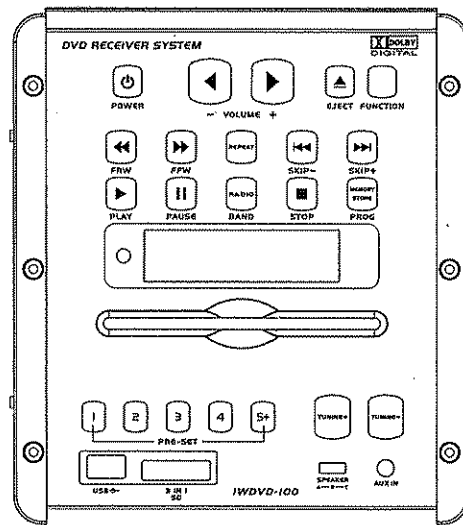


# EN-F10HT

## DVD RECEIVER SYSTEM

### IWDVD-100 INSTRUCTION MANUAL



## IMPORTANT SAFETY PRECAUTIONS

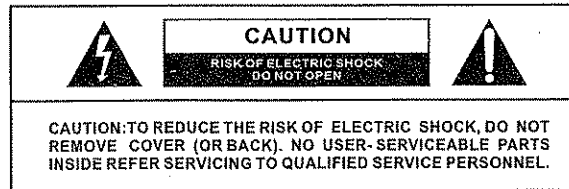


This symbol is to alert the user to the presence of uninsulated dangerous voltages inside the product's enclosure that may constitute a risk of electric shock.



This symbol is to alert the user to important operating and maintenance (service) instructions in this manual and literature accompanying the product.

### Caution Marking Explanation



**WARNING:** CHANGES OR MODIFICATIONS TO THIS UNIT NOT EXPRESSLY APPROVED BY THE PARTY RESPONSIBLE FOR COMPLIANCE WILL VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT. ANY CHANGE TO THE EQUIPMENT WILL VOID FCC GRANT.

This equipment has been tested and found to comply with the limits for a Class C digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

**CAUTION:** TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN OR CORDS. IF THIS HAPPENS, BE SURE POWER TO THE ELECTRICAL OUTLET IS TURNED OFF BEFORE YOU TOUCH OR UNPLUG THE APPLIANCE.

### Outdoor Use and Wet Location Warning

**Note:**

1. Important safety instructions shall be provide with each appliance. These safety instructions may be in the form of a separate booklet, separate sheet, or part of the instruction manual.
2. If included in the instruction manual, the safety instructions shall be located before any operating instructions.
3. These instructions shall be entitled "IMPORTANT SAFETY INSTRUCTIONS".
4. The safety instructions shall include, as applicable to the particular apparatus, the information and warnings listed before. The wording is capable of being supplements, although not replaced, by drawing or cartoons.
5. The symbol shall be shown adjacent to the text of Important Safety Instructions.

1. **READ INSTRUCTIONS-** All the safety and operating Instructions should be read before the product is operated.
2. **RETAIN INSTRUCTIONS-** The safety and operating Instructions should be retained for future reference.
3. **HEED WARNING-** All warnings on the appliance and in the operating instructions should be adhered to.
4. **FOLLOW INSTRUCTIONS-** All operating and use instructions should be followed.

## IMPORTANT SAFETY PRECAUTIONS



### Safety Instructions



#### Installation

- \* Operate the unit only from a power source as indicated on the unit or in the operating instructions.
- \* Overloaded AC outlets and extension cords are dangerous and so are frayed cords and broken plugs. Call your service technician for replacement of such cords and plugs.
- \* Audio products are provided with ventilation openings to allow heat generated during operation to be released. If these openings are blocked, heat build-up within the set can cause failure which may result in a fire hazard.

#### Therefore:

1. Never block the ventilation openings of a unit by placing it on a bed, soft rug, etc.
2. Never place a set in a built-in enclosure unless proper ventilation is provided.
3. Never cover the opening with cloth or other material.
4. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

#### To avoid personal injury:

1. The manufacturer recommends that this unit not be mounted on a wall or ceiling.
2. Carefully follow the operating instructions when making connections.
3. Do not insert tools, hands, or fingers in openings (such as a tape slot), especially if the unit is connected to a power source.

#### WARNING

Do not turn on your stereo system with the volume at maximum. This will damage your speakers and void your warranty.

#### Getting your system ready for use

Choose an area away from heat. Allow about three(3) inches between the cabinet back and the wall for proper ventilation. Place your system near an AC outlet supplying common household current (105-120V AC60Hz).

#### Grounding or polarization

Do not defeat the safety purpose of the polarized or grounding type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. When the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

#### Power cord protection

Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

Only use attachments/accessories specified by the manufacturer.

#### Carts and stands

Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.



#### Water and Moisture

The appliance should not be used near water, for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement or near a swimming pool and the like.

## IMPORTANT SAFETY PRECAUTIONS

### Cleaning

The appliance should be cleaned only as recommended by the manufacturer.

### Non-use periods

Unplug this apparatus during lightning storms or when unused for long periods of time.

### Object and liquid entry

Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.

### Damage requiring service

The appliance should be serviced by qualified service personnel when:

- A. The power supply cord or the plug has been damaged.
- B. Objects have fallen, or liquid has been spilled into the appliance.
- C. The appliance has been exposed to rain.
- D. The appliance does not appear to operate normally or exhibits a marked change in performance.
- E. The appliance has been dropped; or the enclosure damaged.

### Servicing

Do not attempt to service the appliance beyond that which is described in the operating instructions. All other servicing should be referred to qualified service personnel.

### Outdoor antenna grounding

If an outside antenna is connected to the receiver, be sure the antenna system is grounded so as to provide some protection against voltage surges and built up static charges. Section 810 of the National Electrical Code, ANSI/NFPA NO.70-1984, provides information with regard to proper grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna discharge unit, connection to grounding electrodes, and requirements for the grounding electrode. See Figure 1.

EXAMPLE OF ANTENNA GROUNDING AS PER NATIONAL ELECTRICAL CODE

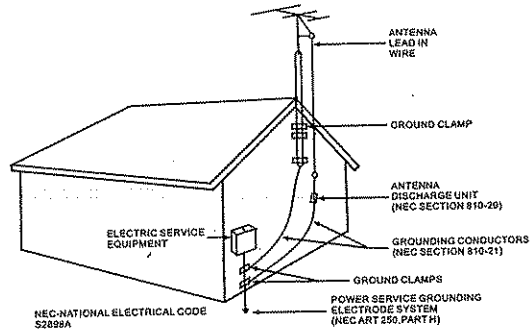


Figure.1

**CAUTION:** To prevent electric shock do not use this (polarized) plug with an extension cord, Receptacle or other outlet unless the blades can be fully inserted to prevent blade exposure.

**NOTE:** Do not connect FM antenna to outside antenna. Please disregard all outdoor antenna references in the important safety instructions.



**WARNING:** The mains plug is used as the disconnect device; the disconnect device shall remain readily operable. Always remember to remove the plug from the mains socket before disconnecting the power lead from the back of the unit." and

**Class II Symbol Explanation:**

Double insulation. This is class II apparatus.

## SUITABLE DISCS

MARK

CONTENT

SIZE

DVD

Audio + Video

12cm

8cm

MPEG-4  
HD VIDEO

Audio + Video

12cm

8cm

COMPACT  
disc  
DIGITAL AUDIO

Audio + Video

12cm

8cm

CD-R  
CD-RW

Audio

12cm

8cm

AM/FM

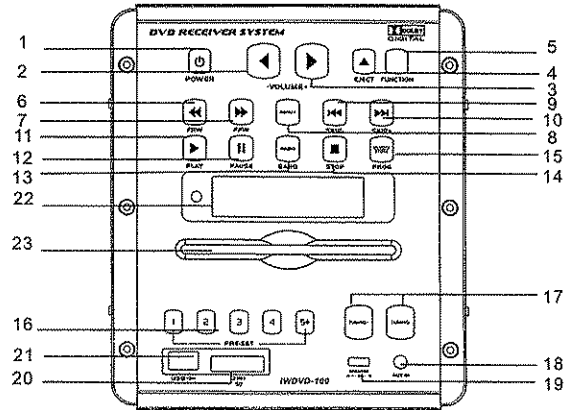
AM/FM TUNER

## ACCESSORIES

- 1 X Instruction manual
- 1 X Remote control
- 1 X FM-Antenna (Pig Tail)
- 1 X RCA-Cable (VIDEO)
- 1 Pair X RCA-Cable (AUDIO)
- 2 X Batteries (UM-4)
- 6 X Mounting Screws

# REFERENCE DRAWING FOR FRONT PANEL

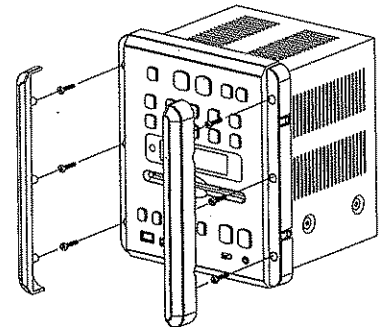
## FRONT PANEL



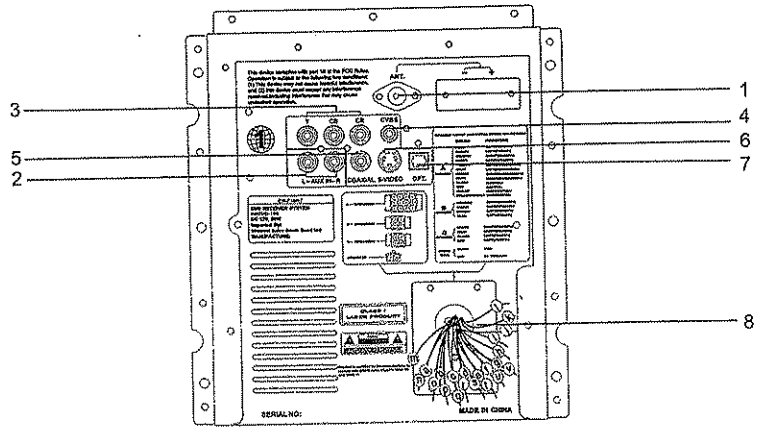
- |                    |  |
|--------------------|--|
| 1. POWER BUTTON    | 13. BAND (AM/FM) BUTTON                |
| 2. VOLUME - BUTTON | 14. STOP BUTTON                        |
| 3. VOLUME + BUTTON | 15. MEMORY OF RADIO AND PROGRAM OF DVD |
| 4. EJECT BUTTON    | 16. PRE-SET BUTTON                     |
| 5. FUNCTION BUTTON | 17. TUNING +/- BUTTON                  |
| 6. F.R.W BUTTON    | 18. AUDIO INPUT SUCHAS MP3/IPOD        |
| 7. F.F.W BUTTON    | 19. A.B.C SPEAKER SELECTOR SWITCH      |
| 8. REPEAT BUTTON   | 20. 3 IN 1 CARD PORT                   |
| 9. SKIP - BUTTON   | 21. USB PORT                           |
| 10. SKIPT + BUTTON | 22. LCD DISPLAY                        |
| 11. PLAY BUTTON    | 23. DISC PORT                          |
| 12. PAUSE BUTTON   |  |

## MOUNTING AND CUT OUT INSTRUCTIONS

The 6X mounting screws are in the owner's manual bag for EN-F10HT



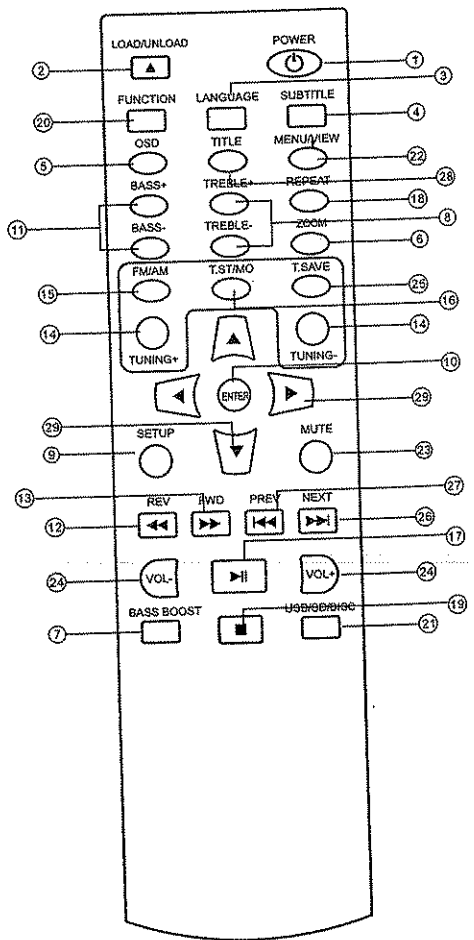
# REFERENCE DRAWING FOR BACK PANEL



1. Automotive cable antenna input(AM/FM) and screw type.
2. Aux(L/R) audio input.
3. Component video output(Y.CB.CR).
4. Video output.
5. Coaxial output(Digital).
6. S-video output
7. Optical output
8. Speaker wire guide  
speaker (4ohm) and power wiring color code

	COLOR	
A SPEAKER	a. PINK	LEFT(FRONT+)
	b. BROWN	LEFT(FRONT-)
	c. ORANGE	RIGHT(FRONT+)
	d. WHITE	RIGHT(FRONT-)
	e. YELLOW	LEFT(SURROUND+)
	f. GRAY	LEFT(SURROUND-)
	g. GREEN	RIGHT(SURROUND+)
	h. BLUE	RIGHT(SURROUND-)
	i. BLACK	CENTER+
	j. RED	CENTER-
	k. VIOLET	SUBWOOFER+
B SPEAKER	l. YELLOW/GREEN STRIPE	SUBWOOFER-
	m. ORANGE	RIGHT(FRONT+)
	n. GREEN	RIGHT(FRONT-)
	o. BROWN	LEFT(FRONT+)
C SPEAKER	p. BLUE	LEFT(FRONT-)
	q. WHITE	RIGHT(FRONT+)
	r. GRAY	RIGHT(FRONT-)
	s. BLACK	LEFT(FRONT+)
POWER WIRE	t. RED	LEFT(FRONT-)
	u. BLACK	GND
	v. RED	B+ DC12-18V

REFERENCE DRAWING AND INSTRUCTIONS FOR REMOTE CONTROL SENSOR



- 1.POWER
- 2.LOAD/UNLOAD
- 3.LANGUAGE
- 4.SUBTITLE
- 5.OSD
- 6.ZOOM
- 7.BASS BOOST
- 8.TREBLE +/-
- 9.SETUP -(MENU DVD)
- 10.ENTER
- 11.BASS +/-
- 12.REV
- 13.FWD
- 14.TUNING+/--(RADIO)
- 15.FM/AM
- 16.T.ST/MO(TUNER/STEREO/MONO)
- 17.PLAY/PAUSE
- 18.REPEAT
- 19.STOP
- 20.FUNCTION (DVD/TUNER/AUX IN)
- 21.USB/SD/DISC
- 22.MENE/VIEW
- 23.MUTE
- 24.VOL +/-
- 25.T.SAVE(LOCK STATION/MEMORY)
- 26.NEXT
- 27.PREV
- 28.TITLE (DVD)
- 29.DIRECTON CONTROL



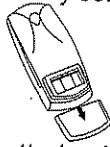
## REFERENCE DRAWING AND INSTRUCTIONS FOR REMOTE CONTROL SYSTEM

1. **POWER**  
Select power on or standby
2. **LOAD/UNLOAD**  
Use this button to load a disc or remove a disc.
3. **LANGUAGE**  
Press this button to select a language for the instruction, press again for the next language.
4. **SUBTITLE**  
Press this button to select the language of the subtitle such as CHINESE, ENGLISH etc. Each time it is pressed, the subtitle language will switch to another one.
5. **OSD ( ON SCREEN DISPLAY )**  
Press this button, the TV screen then presents the time information such as time used and time left on the disc.
6. **ZOOM**  
During VCD/SVCD/DVD playback, press <ZOOM> to magnify the image.
7. **BASS BOOST**  
Press this button to switch change front speakers that bass boost .
8. **TREBLE +/-**  
Press this button to adjust the desired TREBLE level.
9. **SETUP**  
Press this button and the setup screen will appear for your setting.
10. **ENTER**  
Press this button to confirm the desired menu.
11. **BASS +/-**  
Press this button to adjust the desired BASS level.
12. **REV<<**  
Press this button to play fast backward without audio. Eachtime when pressed, the fast backward speed will change a level. Finally it will return to the normal playback speed.
13. **FORWARD >>**  
Press this button to play fast forward without audio. Each time when pressed, the fast forward speed will change a level .Finally it will return to the normal playback speed.
14. **TUNING+/-**  
Press this button to adjust the tuning.
15. **FM/AM**  
Press this button to choose the radio modes. FM or AM band.
16. **T.ST/MO**  
Press this button to change audio between mono stereo and stereo.
17. **PLAY/PAUSE**  
During the state of stop, pause, slow motion, fast forward or fast reverse, press this button to return to the normal playback. Press this button to pause the player
18. **REPEAT**  
For DVD disc, press this button to repeat the current chapter, press it again to repeat the program of current title, press it a third time to cancel repetition.
19. **STOP**  
Press this button to pre-stop the player. Press PLAY/ENTER button, the DVD player will resume play.
20. **FUNCTION**  
Press this button to select the desired DVD or TUNER or AUX mode.
21. **USB/SD**  
Press this button to select the desired USB, SD or DVD disc mode.
22. **MENU/VIEW**  
Press this button to switch the menu mode. For a DVD disc, in the menu off mode, press STOP button first. Press MENU to open the menu during playback.
23. **MUTE**  
Press this button to shut off the audio, press it again to activate audio.
24. **VOLUME+/-**  
Press this button to adjust the output volume
25. **T. SAVE**  
Press this button to save to memory, the station number will flash, press this key again to store.
26. **NEXT**  
Press this button to skip to the next chapter/track
27. **PREV**  
Press this button to skip back to the previous selection program.
28. **TITLE**  
Press this button, the selection menu of the DVD disc will appear
29. **DIRECTON CONTROL**  
Up, Down, Left, Right

## INSTRUCTIONS FOR REMOTE CONTROL

At first, place the batteries into the remote control, then you can use remote control to operate the DVD video player

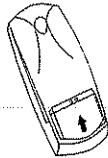
- ☞ Open the battery compartment.



- ☞ Insert the batteries AAA(UM-4), make sure to match + and - of the batteries to the marks in the battery compartment.



- ☞ Close the battery cover.



**NOTE:** Improper use of the batteries may cause battery leakage and corrosion. To operate the remote control correctly, follow the instructions below:

Do not insert batteries into the remote control in the wrong direction.

Do not charge, heat, open or short-circuit batteries. Do not throw batteries into a fire.

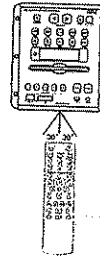
- Do not leave dead or exhausted batteries in the remote control.
- Do not use different types of batteries together or mix old and new batteries.
- If you do not use the remote control for a long period of time, remove the batteries to avoid possible damage from battery corrosion.
- If the remote control does not

function correctly or the operating range becomes reduced, replace all batteries with new one.

- If battery leakage occurs, wipe the battery liquid from the battery compartment, then insert new batteries.  
The batteries can be used for one year in normal condition.

### Operation of the remote control

This is for instructions how to use the remote control.



**Distance :** within 7m from the front of the remote control sensor.

**Angle:** within 30° each direction of the front of the remote sensor.

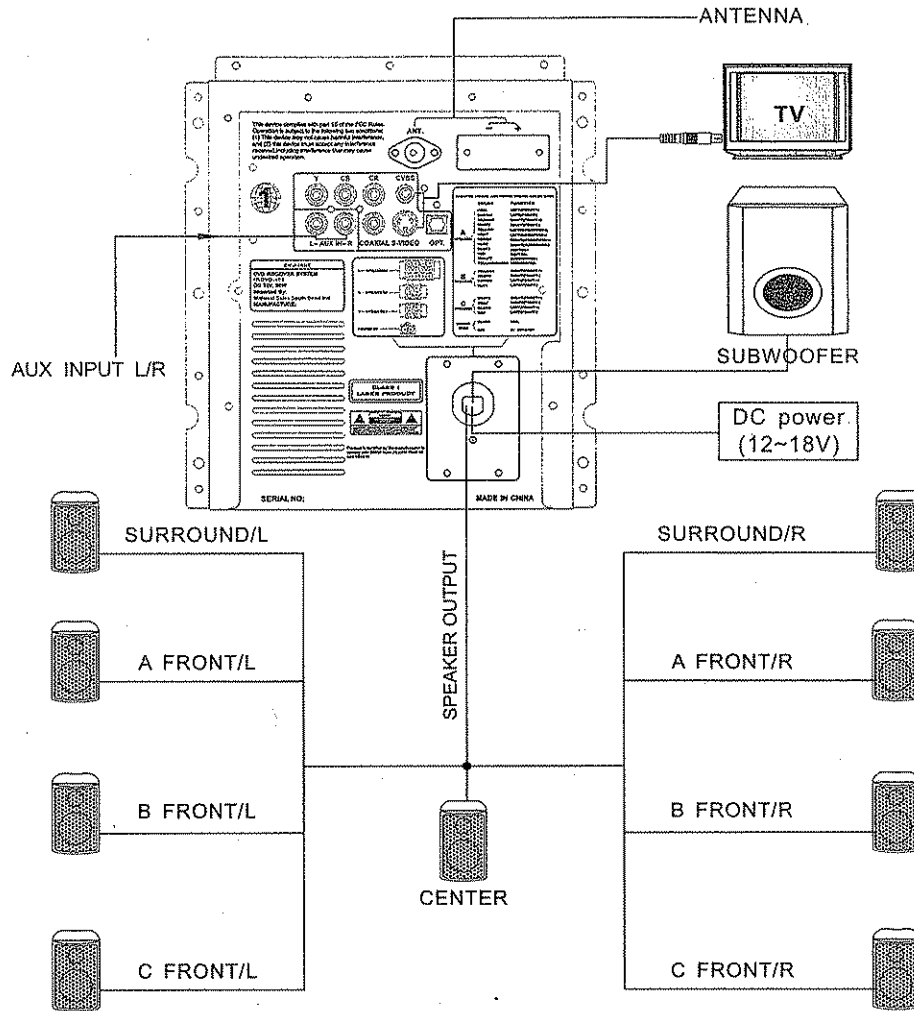
Do not expose the remote sensor of the DVD video player to a strong light source such as direct sunlight or other illumination. If you do so, you may not be able to operate the DVD video player via the remote control.

#### Notes on the remote control

- Direct the remote control at the remote sensor of the DVD video player.
- Do not drop or give the remote control a shock.
- Do not put heavy object on the top of the remote control.
- Do not spill water or any liquid on the remote control.
- Do not open the remote control.

## OUTPUT CONNECTION

### CONNECTION TO SATELLITE SPEAKERS



**CAUTION:**  
MAKE SURE THE COLOR CODE +, - MATCH THE TERMINAL OF THE SPEAKER +, -.

## SETTING THE SPEAKERS POSITION

Positioning you speakers:

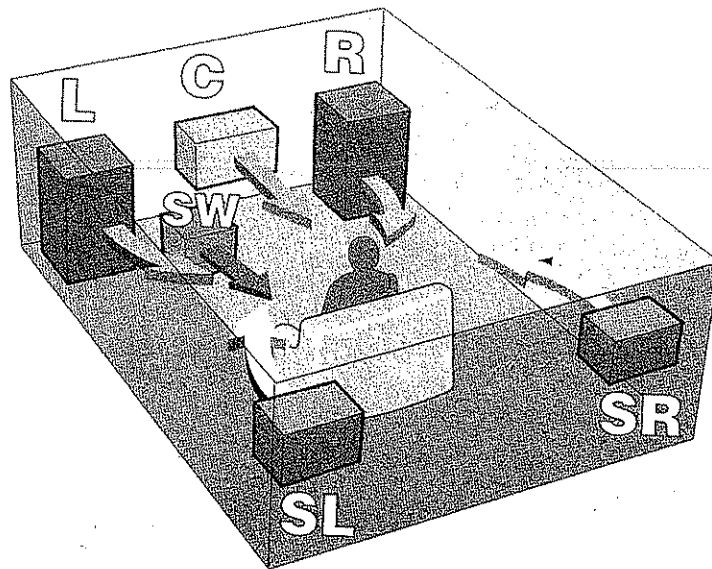
See the illustration below for the positioning of the speakers:

1. Place the front left speaker to the left of the television set as seen front you viewing area. Place the front right speaker to the right of the television set as seen from your viewing area.
2. Place the center speaker on the top of below or in front of the television set.
3. Place the surround speakers behind and pointed toward your viewing area.  
Your viewing area should be between the television set and the surround speakers.

### NOTE:

The surround speaker have a small keyhole or bracket on the back panil in case you wish to mount them on the wall

4. Place the sub-woofer on the floor near the front or side wall of your listening area.

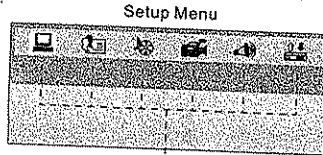


# Modes and Features Setup

SETUP



In stop mode, press <SETUP>, and the TV screen will display the Setup Menu as follows:

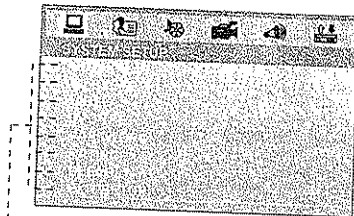


Press ← → to change items

- A. Press <ENTER> to display each submenu
- B. Press <SETUP> to exit the Setup Menu

## System Setup

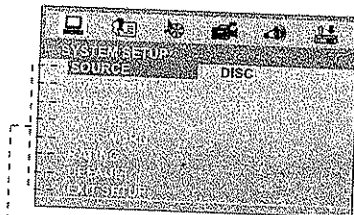
Select [SYSTEM SETUP] in the Setup Menu, and the submenu will arise as follow:



--- Press ↑ ↓ to select the menu item

- A. Press <ENTER> or □ to set
- B. Press ↑ or ↓ repeatedly to return to the Setup Menu

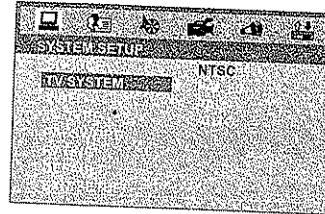
## 1. SOURCE



--- Press ↑ ↓ to select the menu item

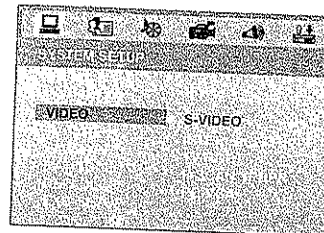
- A. Press <ENTER> to set
  - B. Press ↑ or ↓ repeatedly to return to the Setup Menu
  - C. Press <SETUP> to exit the Setup Menu
- [DISC] -Select if you are using DISC signal system to match your TV set.  
 [USB] -Select if you are using USB signal system to match your TV set.  
 [CARD] -Select if you are using CARD signal system to match your TV set.

## 2. TV SYSTEM



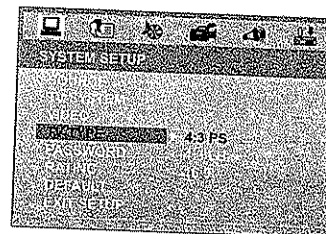
- [NTSC] -Select if you are using NTSC signal system to match your TV set.
- [PAL60] -Select if you are using PAL60 signal system to match your TV set.
- [PAL] -Select if you are using PAL signal system to match your TV set.
- [AUTO] -Select this, the DVD player will match the TV set automatically.

## 3. VIDEO



- Note: The Composite video and S-video output is always available.
- [S-VIDEO]-Select if you connect the DVD player to your TV using S-VIDEO output.
  - [INTERLACE-YUV]- Select if you connected the DVD player to your TV using the YUV(Y,Cb,Cr) output.
  - [TV-RGB]-Select if you connected the DVD player to your TV using the RGB output.
  - [P-SCAN YPbPr] - Select if you connected the DVD player to your TV using progressive scan(Y,Pb,Pr).
  - [PC-VGA]-Select if you connected the DVD player to the VGA output set.

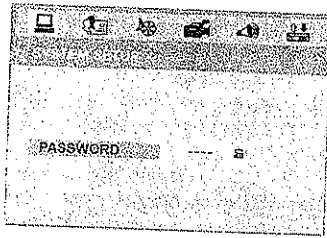
## 4. TV TYPE



- [4:3 PS] -Pan and scan refers to pictures where part of pictures is cut off so it fills the whole screen.
  - [4:3 LB] -Letter Box refers to pictures where black bands appear at the top and bottom.
  - [16:9] -The picture fills the screen of a wide-screen(16:9) television.
- Note: Not all DVDs offer movies in Full Screen format. If not, the disc will override your TV Display setting and the movie will be displayed in Letter box format.

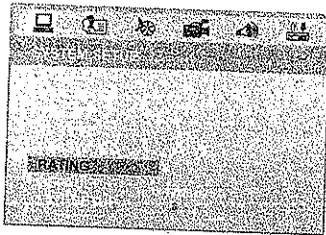
# Modes and Features Setup

## 5. PASSWORD



The password option is initialized locked, and you cannot set the ratings limit or change the password. In order for the Rating feature work, the password mode must be turned on. If you want to set the ratings limit, you will need to enter the default password, which is 1111, then press <ENTER> to confirm. To change the password, you will be prompted for the old password, then be prompted for a new. Enter a 4-digit number (this is your password).

## 6. RATING



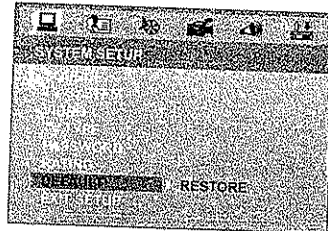
The rating feature is rating limit system, like movie ratings. It works with DVD discs that have been assigned a rating. This helps you control the types of DVDs that your family watches.

- There are 8 rating options: 1G, 2, 3PG, 4PG13, 5, 6R, 7NC-17, 8.

Note:

If the password option is locked, you cannot set the ratings limit; the rating limit does not work when the password option locked.

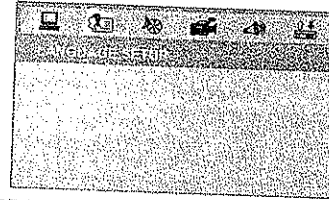
## 7. DEFAULT



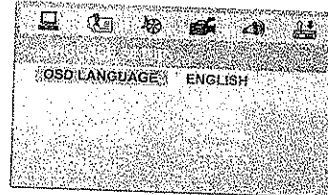
Choose this option to resume all the setup options to default settings.

## 8. EXIT SETUP

## Language Setup

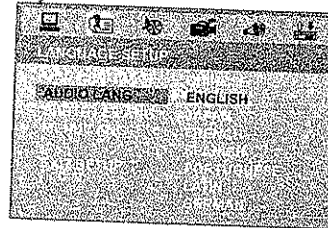


### 1. OSD LANGUAGE



There are 5 optional OSD language: English, Chinese, German, Spanish and French. Select the one you prefer.

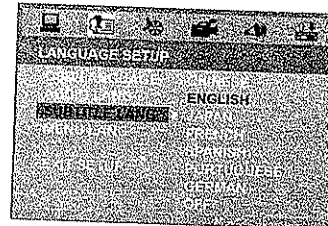
### 2. AUDIO LANG



There are 8 optional Audio language: Chinese, English, Japan, French, Spanish, Portuguese, Latin and German. Select the one you prefer.

\* This option vary by disc.

### 3. SUBTITLE LANG

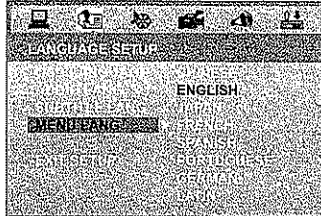


There are 8 optional Subtitle language: Chinese, English, Japan, French, Spanish, Portuguese, German and off. Select the one you prefer.

\* This option vary by disc.

## Modes and Features Setup

### 4. MENU LANG



There are 8 optional Menu language: Chinese, English, Japan, French, Spanish, Portuguese, German and Latin. Select the one you prefer.

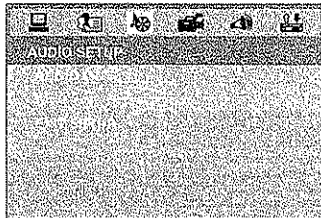
\* This option vary by disc.

Note:

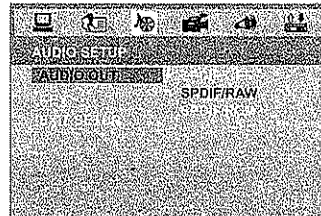
- If your preferred language is not available, the disc's default language will be played.
- The default language of your DVD player is English.

### 5. EXIT SETUP

#### Audio Setup



### 1. AUDIO OUT



[SPDIF/OFF] -To disable Dolby Digital decoder.

[SPDIF/RAW] -Choose this setting if your DVD player is connected to a power amplifier with a coaxial cable or an optical cable; When playing a disc recorded with Dolby Digital, MPEG audio formats, the corresponding digital signals will be output from the Coaxial/Optical Output jacks. This player's digital output jacks are designed for a connection to a Dolby Digital, or MPEG receiver or decoder.

[SPDIF/PCM] -Choose this setting if your DVD player is connected to a 2-channel digital stereo amplifier. When playing a disc recorded with Dolby Digital and MPEG audio formats, audio signals will be modulated into a 2-channel PCM signal, and it will be output from the Coaxial/Optical Output jacks.

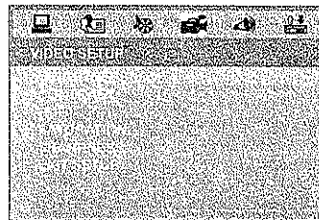
### 2. KEY



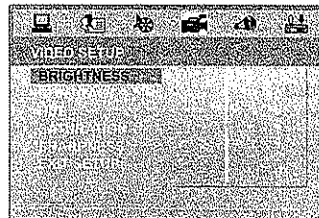
Press UP and DOWN to move the scroll and adjust the key.

### 3. EXIT SETUP

#### Video Setup



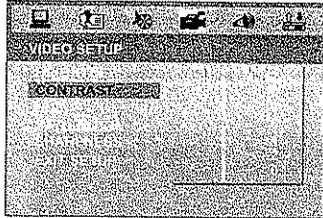
### 1. BRIGHTNESS



Press UP and DOWN to move the scroll and adjust the brightness

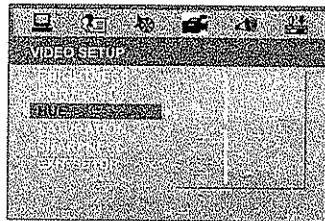
# Modes and Features Setup

## 2. CONTRAST



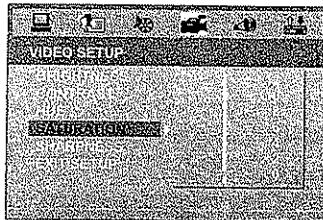
Press UP and DOWN to move the scroll and adjust the contrast.

## 3. HUE



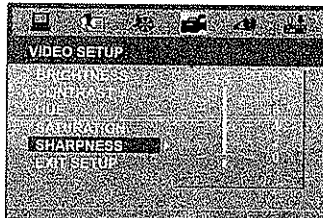
Press UP and DOWN to move the scroll and adjust the hue.

## 4. SATURATION



Press UP and DOWN to move the scroll and adjust the saturation.

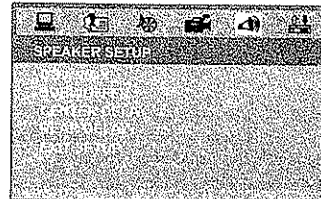
## 5. SHARPNESS



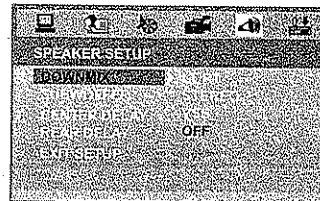
Press UP and DOWN to move the scroll and adjust the sharpness.

## 6. EXIT SETUP

### Speaker Setup

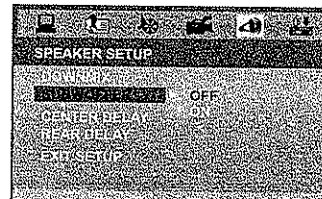


### 1. DOWNMIX



- [L/R] - Choose this setting, it will be sound like in a movie theatre, if the original movie the disc was recorded from was encoded in the Pro Logic Dolby Digital format.
- [STEREO] - Choose this setting, when 5.1- channel sound playing, two channels of signals will be output from the left and right soundtrack; when 2-channel sound playing, stereo signal will be output.
- [VSS] - Choose this setting to output the virtual surround sound from the left and right soundtrack.

### 2. SUBWOFFER

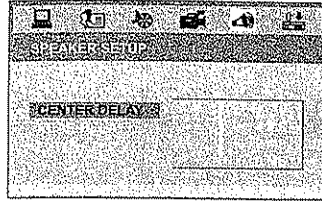


- [ OFF ] - Choose this setting, The subwoffer will be not work.
  - [ ON ] - Choose this setting, The subwoffer will be work.
- Note: This option will be validated when DOWNMIX set to 5.1CH.



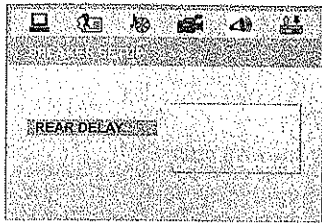
## Modes and Features Setup

### 3. CENTER DELAY



You can adjust center delay in this option.  
Note: This option will be validated when DOWNMIX set to 5.1CH.

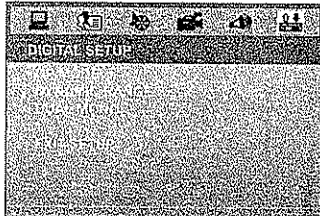
### 4. REAR DELAY



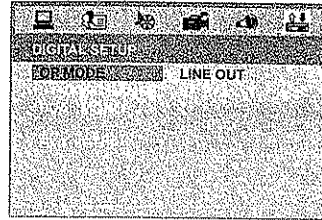
You can adjust rear delay in this option.  
Note: This option will be validated when DOWNMIX set to 5.1CH.

### 5. EXIT SETUP

#### Digital Setup

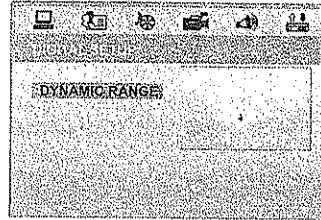


### 1. OP MODE



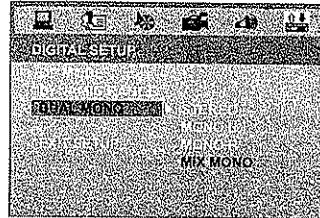
[LINE OUT] - Choose this setting to line out the input signal. It will be more suitable for playing in the night time, for the output volume is low.  
[RF REMOD] - It will be more suitable to choose this setting for playing in the day time, for the output volume is high.

### 2. DYNAMIC RANGE



Choose this setting to adjust the line out ratio and get different effect. If adjusting to FULL, the audio signal peak value will be the minimum, while adjusting to OFF, maximum.  
Note: This option will be validated when DOWNMIX set to 5.1CH.

### 3. DUAL MONO



Choose this option to setup the L and R mono output mode: There are four modes in this option: STEREO, MONO L, MONO R, and MIX MONO. It is mainly used in karaoke mode.

### 4. EXIT SETUP

## Modes and Features Setup

### POWER

- During playback, press <POWER> to stop the player and return to standby mode.
- While the player is in standby, press <POWER> or any key on the front panel to resume normal operation.

### LOAD/UNLOAD

- Use this button to load a disc, press <LOAD/UNLOAD>.
- Use this button to remove a disc, press <LOAD/UNLOAD> again.

### PLAY/PAUSE

- Press <PLAY/PAUSE> from stop mode to start playback.
- Press <PLAY/PAUSE> again from play mode to stop mode.
- Press <PLAY> during playback to replay the last 10 seconds. This function is not available if the elapsed time of current tracks less than 10 seconds.

Note: MP3 discs and some DVD discs do not have a 10 second review feature.

### STOP

- Press <STOP> once during playback to stop and hold playback.
- Press <PLAY/PAUSE> again from play mode to stop mode.
- Press <STOP> twice to stop playback completely.

### Note:

The screen saver will automatically turn on if playback is stopped about 3 Minutes (When Screen Saver is set to on).

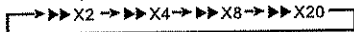
### VIEW

- During VCD playback, press <VIEW>, there will appear a window which is 9 pictures of the first song, you can select either of them to play. This moment, you also can press digit keys to choose the paragraph you want to play. Press <NEXT> can show the next song content. Press <STOP> to stop this function.

Note: This function is disc specific.

### FWD

- During DVD or CD/VCD playback, press <FWD> once to play the next chapter, title or track.
- During DVD or CD/VCD playback, press and hold <FWD> to scan forward. The player will review the disc at 2, 4, 8 and 20 times normal speed as follows:



- Press <PLAY> to resume normal playback.

### PREV

- Press <PREV> to skip to previous chapter or track.

### NEXT

- Press <NEXT> to skip to next chapter or track.

### MUTE

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

### OSD

- Press <OSD> to display the informations of the video disc on the TV screen, including song information, broadcast time, remain time, etc..

### VOL+/VOL-

- Press <VOL+> button to increase Volume.
- Press <VOL-> button to reduce volume till to no volume output.

### SUBTITLE

- During DVD playback, press <SUBTIT> repeatedly to select from up to 32 subtitle languages.

Note: This function is disc specific (languages will vary).

### LANGUAGE

- During DVD playback, press <LANG> repeatedly to select video languages.

Note: This function vary by the disc.

### REPEAT

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

Note: This function is subject to the disc.

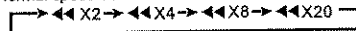
### TITLE

- During DVD playback, press <TITLE> to display the DVD title menu or play the first title.

Note: This function is subject to the disc.

### REV

- During DVD or CD/VCD playback, press <REV> once to play the previous chapter, title or track.
- During DVD or CD/VCD playback, press and hold <REV> to scan in reverse. The player will review the disc at 2, 4, 8 and 20 times Normal speed as follows:



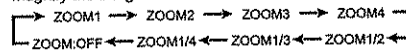
- Press <PLAY> to resume normal playback.

### MENU

- During DVD, VCD or SVCD playback (with PBC on), press <MENU> to return to the program menu.
- In the Setup Menu, press <MENU> to return to the main menu or stop mode.
- Any time, press <MENU> to cancel the current OSD or some menus.

### ZOOM

- During VCD/SVCD/DVD playback, press <ZOOM> to magnify the image as follows:



## Remote Control Operation



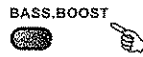
- Press <BASS+> button to increase BASS level.
- Press <BASS-> button to reduce BASS level.



- Press <FUNCTION> button to select the desired DVD or TUNER or Aux mode.



- Press <USB/SD> button to select the desired USB or SD mode.



- Press this button to switch change front speakers that bass boost.



- Press the button contain up, down, left and right.



- Press <TREBLE+> button to increase the TREBLE.
- Press <TREBLE-> button to reduce the TREBLE.



- Press <TUNING+> button to djust the volume
- Press <TUNING-> button to reduce volume till to no volume output.



- Press this button to choose the radio modes, FM or AM band.
- Note: This function is disc specific (languages will vary).



- During DVD playback, press <T.ST/MO> button to change audio between mono stereo and stereo.
- Note: This function vary by the disc.



- Press <SETUP> during playback to pause playback.
- Press <SETUP> repeatedly to play frame.
- Press <PLAY> to resume normal playback.



- Press <ENTER> button to confirm the desired menu.



- Press <T/SAVE> button to save to memory, the station number will flash, press this key again to store.

## Remote Control Operation

MP3 is an audio compression mode using Level 3 of the international standard MPEG, whereby sound signal is compressed in a rate of 12:1. A Mp3 disc can record music for playing of over 600 minutes or record over 170 songs, rivaling Cds in sound quality.

MPEG4 is set up by MPEG(Motion Picture Experts Group) a fourth edition audio and video standard. MPEG1 is audio and video compress standard for VCD. MPEG2 is audio and video compress for DVD, MPEG4 is one of internet audio and video compress standard. Its most prominence character is its high compress rate and high definition. A piece of DVD can be compressed and stored into one or two pieces of CD-R disc with MPEG4 format, but the picture quality is better than VCD.

### To play a Mp3 or MPEG4 disc

#### Select the track using direction buttons

1. Follow the basic operating instructions to insert a MP3 or MPEG4 disc, this machine will start to search the information on the disc and show it in the display.
2. Press direction key to select MP3 or MPEG4 file and press <ENTER> key to play.

### Repeat play

Using this function, the user will be able to enjoy a particular song or all the songs on the disc over and over again.

1. Choose a particular song to be repeated.
2. Press the <REPEAT> button you can choose folder repeat, single repeat or cancel the repeat Function.

### Other functions:

When a MP3 disc is played, the features of mute, volume control, pause and forward and backward search will also be available. The operations are the same with those of Cds.

## Kodak Picture CD Playback

JPEG adopting the most efficient compression is widely used as picture storage type flattened and stored format.

Even if pictures are compressed 15-20 times. They still have good effect. Supported by most picture processing software, fit for picture storage, it has small data and easy use. This machine can read. JPEG format picture CD disc.

### Select to play by menu

1. Put in disc, the machine searches disc information and main menu displays on screen. Press number key from 1 to select picture, press play key to make sure.
2. Press direction key to select picture, then press <Enter> key to make sure.
3. In condition of stop, press direction key to select other pictures.
4. In condition of stop, select the first line file item on the right, then press play key to return to upper menu.

### Other functions:

When playing picture CD. The machine allows pause, repeat and browsing. Use the Next or Previous key to browse. Press <Zoom> key to enlarge picture. While in zoom mode press fast forward or backward key to control the zoom scale. To move the view area of the enlarged picture, use the direction keys. In view mode, pictures can be rotated with direction keys. The type of slide show transition can be selected from the navigation menu or simply by pressing <Program> Key.

## Remote Control Operation

For your convenience, we have enlisted some points to help solve problems you might encounter while using DVD player.

### No sound

- Make sure the good connection between player and other appliances such as power amplifier or TV.
- Make sure the right operation on TV and power amplifier.

### No picture

- Make sure the good connection between player and other appliances such as TV.
- Make sure TV works on well.
- Make sure the DVD player is in correct mode, otherwise, press <P/N> key several times to solve it.

### Disc does not play

- Make sure the disc is loaded correctly (label side is facing up on the disc tray).
- Make sure the disc is clear.

### Remote controller does not work

- Move the obstacle between player and remote controller away.
- Point the remote controller at the remote control sensor.
- Check the battery.

### Picture dividing

- Make sure the disc is clear and no any scratch on it.
- For the player is controlled by micro-computer, if encountering problem, switch of the power first, and switch on again in a few second, by then if no mistake notice is displayed, the player could work well.

### SAFE MODE

The main unit will be in safe mode if it does not respond to any operation due to interference by accident or strong noise signals. To resolve this problem, you must pull out the power cord and plug it in again later 10 seconds.

### Notes on condensation

Occasionally, condensation may occur within the device, resulting in drops of water forming on the optical pick-up inside the unit. This is much like the condensation that takes place on a glass of cold water. This condensation may affect the overall performance of the machine.

Condensation occurs when:

1. It is moved from a cold area to a warm area.
2. Its surrounding area is exposed to a sudden change in temperature, for example, when located near an air-conditioner.
3. In summer, the unit is moved from a hot and humid environment immediately into an air-conditioned room.
4. The device is in a humid environment.

## Care of discs

### Protection

- a. When loading or removing the discs, always hold them by the center and edge.
- b. Do not stick or write anything on the surface. Protect discs against any fingerprint.

### Cleaning

Wipe the discs from time to time using a soft cloth. Always wipe from the center toward the edge.

### Storage

- a. Never warp the discs. During no-use periods, store them in their cases, which should be kept vertically. Do not expose discs to high temperature, dampness or extremely low temperature, or else it may cause damage to the discs.
- b. Do not expose discs to direct sunlight.

The DVD player contains laser devices. The top cover of the DVD module acts as a protective housing. Laser radiation is dangerous when the top cover is removed or opened. Avoid direct exposure to beam during service or repair.

Manufactured under license from Dolby Laboratories. "Dolby", "Pro logic", and the double-D Symbol are trademarks of Dolby Laboratories.

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.

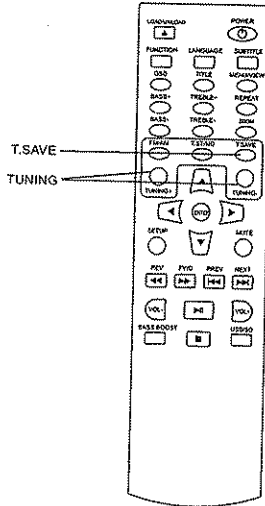
## TECHNICAL SPECIFICATIONS

Laser	Wave length 650nm
Video	AUTO/NTSC
Frequency response	20 Hz-20KHz
Signal/noise ratio	>95dB
Audio	<-60dB(1KHz)
Channel separation	>85dB(1KHz)
Dynamic range	>80dB(1KHz)
Video out	output level:1vp-p load impedance:75 imbalance, negative polarity
Power supply	DC 12V
Power consumption	<40W
Dimensions (W×H×D)	210×235×183mm
Weight	Around 1.6Kg
Tuner	AM/FM
Frequency range	AM 520 ~ 1710KHz FM 87.5 ~ 108MHz
Output power	200W PMPO

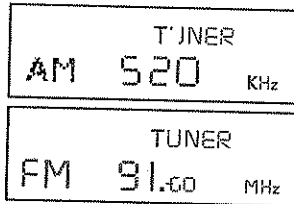
# RADIO

Press the FUNCTION key to switch to radio mode, then press BAND key to select the FM/AM band.

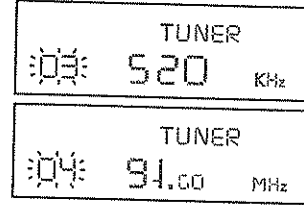
This unit has 20FM and 20AM radio station memories(preset).



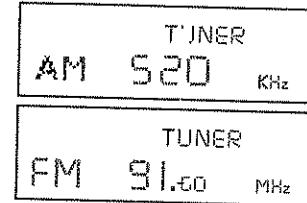
2. Press TUNING key on the remote or set to auto search. When press TUNE +/- key on the remote control to select desired frequency. Press TUNE+ search for the frequency from low to high. Press TUNE- search for the frequency from high to low.



3. Press T.SAVE key to memorize program of AM/FM. When you press T.SAVE for the first time, the station number will then be flashing. Press T.SAVE key again to stop flashing and save the station number.



1. Press BAND or on the set key to choose the FM/AM band. Press this key, LCD will be displaying for example:



4. Press FM ST/MO key on the front panel remote to change sound between mono stereo and stereo in MONO mode, the word MONO will be displayed. In STEREO mode, the word ST will be displayed.

5. Press PREV/NEXT key to memorized stations. When receiving the radio signal Press PREV key choosing from high to low. Press NEXT key choosing from low to high.

6. Press enter key on the remote to auto turn.

7. Press the forward or back key to select channel.

REMARK:  
If the radio signal is not received well, adjust the antenna to the most adequate position is recommended.

