

***IN DASH MOBILE DVD/MP3/CD PLAYER  
WITH BUILT IN TV TUNER***

***SDVD250T***

## FEATURES

---

### **Compatible with PAL DVD (Video CD) and NTSC DVD (Video CD)**

This player can play discs recorded in either PAL or NTSC format.

- A single LSI chip now integrates all major DVD playback circuit functions including MPEG2 decoder, video D/A converter, and audio decoders.
- L/R stereo analog audio outputs for connection to existing head unit aux inputs. Video output is composite video.
- Supplied remote handles multi-function software (multi-language audio-track/subtitle, multi-angle, multi-story, etc.), plus all basic functions.

### **USE THIS PRODUCT SAFELY**

Do not expose the product to water or excessive moisture. This could cause electrical shorts, fire or other damage.

#### **When Driving**

Keep the volume level low enough to be aware of road and traffic conditions.

#### **When Parked**

Parking in direct sunlight can produce very high temperatures inside your vehicle. Give the interior a chance to cool down before starting playback.

#### **Use the Proper Power Supply**

This product is designed to operate with a 12 volt DC, negative ground battery system (the regular system in a North American car).

#### **Protect the Disc Mechanism**

Avoid inserting any foreign objects into the slot of this player.

Failure to observe this may cause malfunction due to the precise mechanism of this unit.

#### **Use Authorized Service Centers**

Do not attempt to disassemble or adjust this precision product. Please refer to

the Service Center list included with this product for service assistance.

#### **For Installation**

The unit should be installed in a horizontal position with the front end up at a convenient angle, but not more than 30°.

# CONTENTS

---

<b>Safety Information .....</b>	<b>4</b>
<b>Disc Notes .....</b>	<b>5</b>
<b>The Player .....</b>	<b>6</b>
Front View .....	6
Back View .....	7
<b>Installation .....</b>	<b>8</b>
<b>Electric Connection .....</b>	<b>11</b>
<b>Remote Control .....</b>	<b>12</b>
Location and Function of Keys .....	12
Preparing the Remote Control .....	14
<b>General Operation .....</b>	<b>15</b>
Turn the Unit On .....	15
Basic Play .....	15
DVD Video Menu Play .....	16
Mode Selection .....	16
Reset Function .....	16
Last Play Memory .....	16
<b>Advanced Operation .....</b>	<b>16</b>
Repeat Play/ Paragraph Repeat Play .....	16
PBC Menu Playback of VCD/SVCD .....	16
On-screen Display Function .....	17
PAL/NTSC System Selection .....	18
Bookmark Function .....	18
Random Playing .....	18
Zoom Function .....	19
Special Function for DVD .....	19
Special Function for VCD .....	20
Data Disc and Audio CD Play Operation .....	20
<b>Setup .....</b>	<b>22</b>
Language Setup .....	22
Display Setup .....	23
Audio Setup .....	23
Lock Setup .....	24
Others Setup .....	25
<b>TV Operation .....</b>	<b>25</b>
<b>Trouble Shooting .....</b>	<b>26</b>
<b>Specifications .....</b>	<b>27</b>

## SAFETY INFORMATION

---

### CAUTION:

MOBILE DVD PLAYER IS A CLASS I LASER PRODUCT. HOWEVER THIS MOBILE DVD PLAYER USES A VISIBLE/INVISIBLE LASER BEAM WHICH COULD CAUSE HAZARDOUS RADIATION EXPOSURE IF DIRECTED. BE SURE TO OPERATE THE MOBILE DVD PLAYER CORRECTLY AS INSTRUCTED. USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE. DO NOT OPEN COVERS AND - DO NOT REPAIR YOURSELF. REFER SERVICING TO QUALIFIED PERSONNEL.

### WARNING:

- TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.
- TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, AND ANNOYING INTERFERENCE, USE ONLY THE RECOMMENDED ACCESSORIES.
- THIS DEVICE IS INTENDED FOR CONTINUOUS OPERATION.

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.

### Region Management Information

Region Management Information:  
This Mobile DVD Player is designed and manufactured to respond to the Region Management Information that is recorded on a DVD disc. If the Region number described on the DVD disc does not correspond to the Region number of this Mobile DVD Player, this Mobile DVD Player cannot play this disc.

## DISC NOTES

### Disc formats supported by this player



**DVD**  
12 cm disc



**Video CD**  
12 cm disc



**CD**  
12 cm disc



**MP3**  
12 cm disc

### Discs which cannot be played with this player

- DVD-ROM
- DVD-R/DVD-RAM
- CDV
- CD-G

### Handling and Cleaning

- Dirt, dust, scratches and warping disc will cause misoperation.
- Do not place stickers or make scratches on discs.
- Do not warp discs.
- A disc should always be kept in its case when not in use to prevent from damage.
- Do not place discs in the following places:
  1. Direct sunlight
  2. Dirty, dusty and damp areas
  3. Near car heaters
  4. On the seats or dashboard

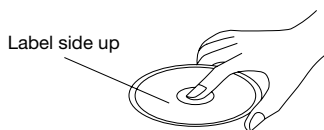
### Disc Cleaning

Use a dry soft cloth to wipe the surface. If the disc is quite dirty, use a soft cloth slightly moistened with isopropyl (rubbing) alcohol. Never use solvents such as benzine, thinner or conventional record cleaners as they may mar the surface of the disc.

#### Note:

A disc may become somewhat scratched (although not enough to make it unusable) depending on your handling and conditions in the usage environment.

Note these scratches are not an indication of any problem with the player.



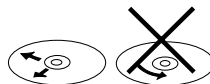
Label side up



Do not touch the underside of the disc



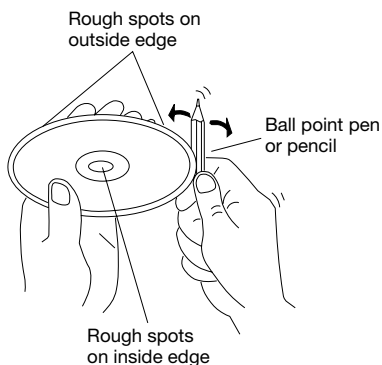
Do not bend



Wipe the disc from center toward the outside edge

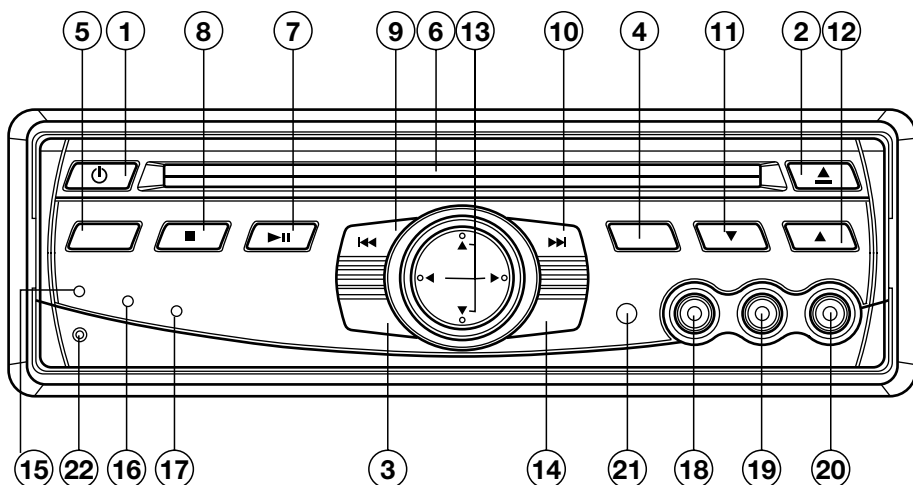
### Preparing New Discs with Rough Spots

A new disc may have rough edges on its inside and outside edges. If a disc with rough edges is used, the proper setting will not be performed and the player will not play the disc. Therefore, remove the rough edges in advance by using a ball point pen or pencil as shown on the right. To remove the rough edges, press the side of the pen or pencil against the inside and outside edges of the disc.



# THE PLAYER

## FRONT VIEW



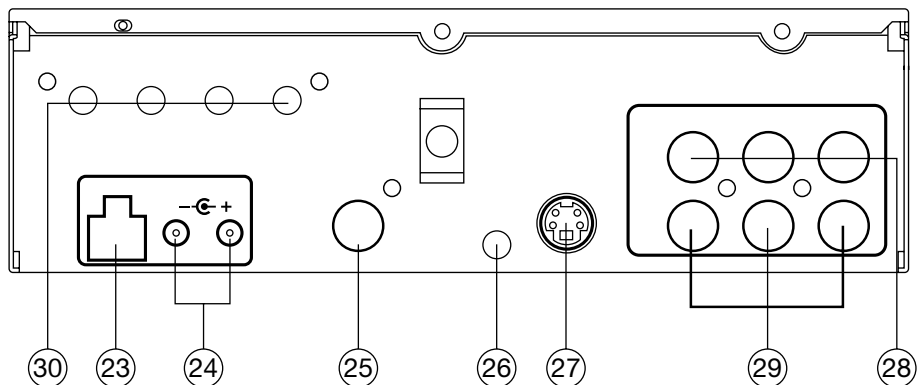
1. ⏻ (POWER BUTTON)
2. ▲ (EJECT BUTTON)
3. SETUP
4. MENU/TV SEARCH
5. SOURCE
6. DISC SLOT
7. PLAY/PAUSE (▶▶)
8. STOP (■)
9. PREV / CH- (◀◀)
10. NEXT / CH+ (▶▶)
11. VOLUME▼

12. VOLUME▲
13. ◀/▶, ▲/▼ cursor buttons
14. ENTER
15. Indicator Light for DVD
16. Indicator Light for TV
17. Indicator Light for AV
18. VIDEO IN
19. AUDIO IN L
20. AUDIO IN R
21. IR
22. RESET BUTTON

# THE PLAYER

---

## BACK VIEW



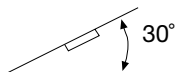
- 23. DC 12V INPUT Socket
- 24. DC 12V OUTPUT Socket
- 25. DIGITAL AUDIO
- 26. REMOTE Socket

- 27. S-VIDEO Socket
- 28. AUDIO/VIDEO OUTPUT 1
- 29. AUDIO/VIDEO OUTPUT 2
- 30. DIVERSITY ANTENNA INPUT

# INSTALLATION

## Notes:

- Choose the mounting location where the unit will not interfere with the normal driving function of the driver.
- Before finally installing the unit, connect the wiring temporarily and make sure it is all connected properly and the unit and the system work properly.
- Use only the parts included with the unit to ensure proper installation. The use of unauthorized parts can cause malfunctions.
- Consult with your nearest dealer if installation requires drilling holes or other modifications of the vehicle.
- Install the unit where it does not get in the driver's way and cannot injure the passenger if there is a sudden stop, like an emergency stop.
- If installation angle exceeds 30° from horizontal, the unit might not give its optimum performance.



- Avoid installing the unit where it would be subject to high temperature, such as from direct sunlight, or from hot air from the heater, or where it would be subject to dust, dirt or excessive vibration.

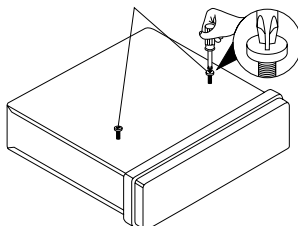
## DIN FRONT/REAR-MOUNT

This unit can be properly installed either from "Front" (conventional DIN Front-mount) or "Rear" (DIN Rear-mount installation, utilizing threaded screw holes at the sides of the unit chassis). For details, refer to the following illustrated installation methods.

## TAKE OUT SCREW BEFORE INSTALLATION

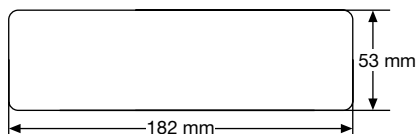
Before install the unit, please remove the two screws.

Take out screw before installation



## DIN FRONT-MOUNT (Method A) Installation Opening

This unit can be installed in any dashboard having an opening as shown below:



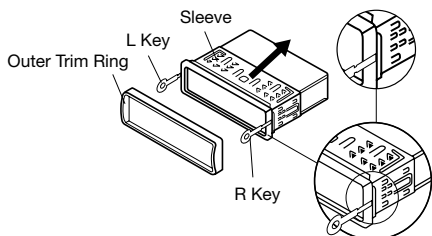
## Installing the unit

Be sure you test all connections first, and then follow these steps to install the unit.

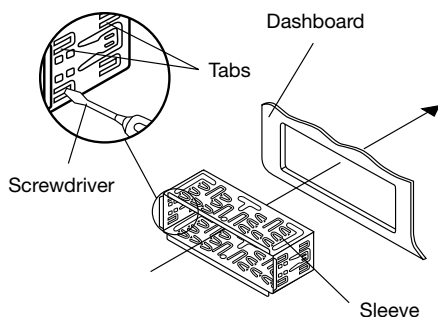
1. Make sure the ignition is turned off, and then disconnect the cable from the vehicle battery's positive (+) terminal.
2. Disconnect the wire harness and the antenna.
3. Lift the top of the outer trim ring then pull it out to remove it.
4. The two supplied keys release the tabs inside the unit's sleeve so you can remove it. Insert the keys as far as they will go (with the notches facing up) into the appropriate slots at the middle left and right sides of the unit. Then slide the sleeve off the back of the unit.



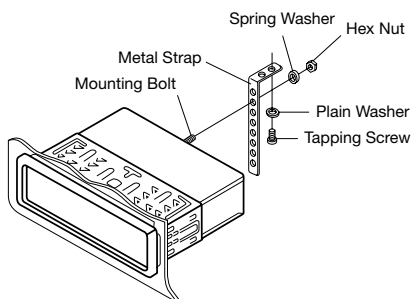
# INSTALLATION



5. Mount the sleeve by inserting the sleeve into the opening of the dashboard and bend open the tabs located around the sleeve with a screwdriver. Not all tabs will be able to make contact, so examine which ones will be most effective. Bending open the appropriate tabs behind the dashboard to secure the sleeve in place.



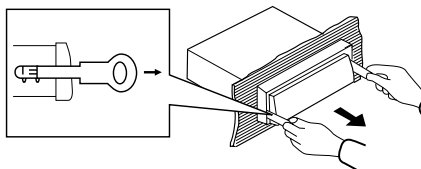
6. Reconnect the wire harness and the antenna and be careful not to pinch any wires or cables.
7. Slide the unit into the sleeve until it locks into place.
8. To further secure the unit, use the supplied metal strap to secure the back of the unit in place. Use the supplied hardware (Hex Nut (M5mm) and Spring Washer) to attach one end of the strap to the mounting bolt on the back of the unit. If necessary, bend the metal strap to fit your vehicle's mounting area. Then use the supplied hardware (Tapping Screw (5x25mm) and Plain Washer) to attach the other end of metal strap to a solid metal part of the vehicle under the dashboard. This strap also helps ensure proper electrical grounding of the unit.



9. Reconnect the cable to the vehicle battery's negative (-) terminal. Then replace the outer trim ring .

## Removing the unit

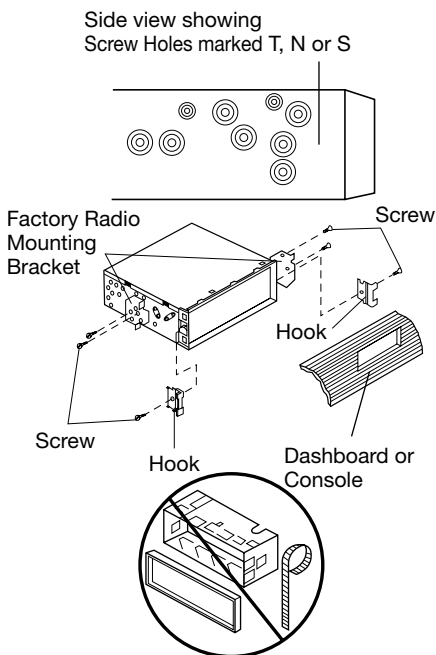
1. Make sure the ignition is turned off, and then disconnect the cable from the vehicle battery's negative (-) terminal.
2. Remove the metal strap attached the back of the unit (if attached).
3. Lift the top of the outer trim ring then pull it out to remove it.
4. Insert both of the supplied keys into the slots at the middle left and right sides of the unit, then pull the unit out of the dashboard.



# INSTALLATION

## ***DIN REAR-MOUNT (Method B)***

If your vehicle is a Nissan, Toyota or Suzuki, follow these mounting instructions. Use the screw holes marked T (Toyota), N (Nissan) or S (Suzuki) located on both sides of the unit to fasten the unit to the factory radio mounting brackets supplied with your vehicle.

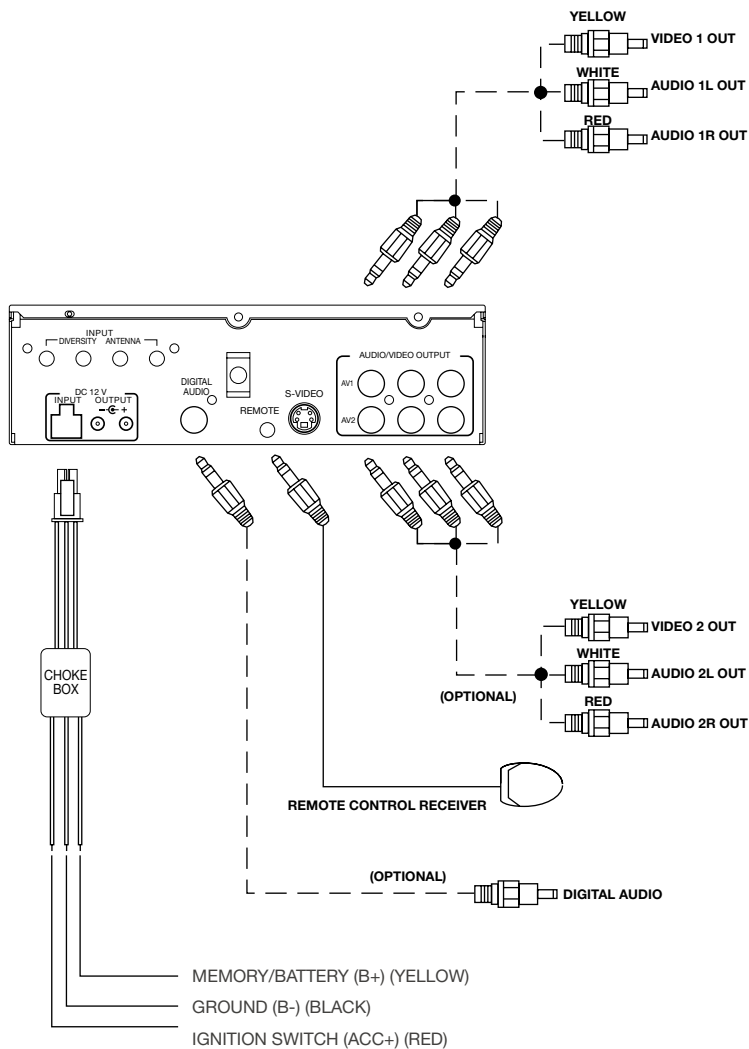


To fasten the unit to the factory radio mounting brackets.

1. Use a screwdriver to loose the hook's screws on the front left and right sides of the unit and remove the hooks.
2. Align the screw holes on the bracket with the screw holes on the unit, and then tighten the screws on each side.
3. Fasten with the supplied truss screws (5x5mm) or flush surface screws (4x5mm), depending on the shape of the screw holes in the bracket.

Note: the outer trim ring, sleeve and the metal strap are not used for method B installation.

# ELECTRIC CONNECTION

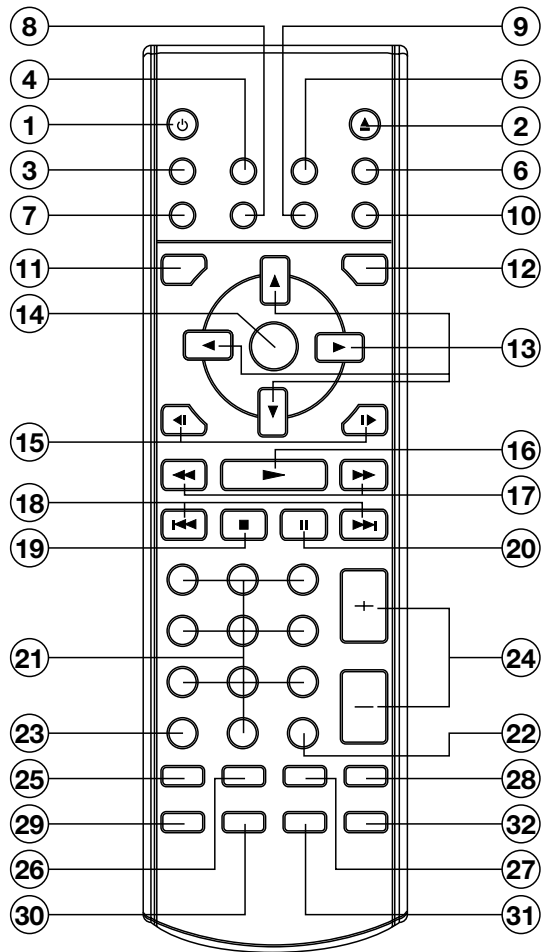


Note:

- The S-VIDEO output is only effective on DVD, not effective on TV and AV source. That is to say, the video signal of TV and AV source can't be output from the S-VIDEO jack.


























# REMOTE CONTROL

## LOCATION AND FUNCTION OF KEYS



## REMOTE CONTROL

---

- |   |   |
|---|---|
| 1.  POWER  | Press POWER to turn the unit ON or OFF.   |
| 2. EJECT  | Press to eject the disc.  |
| 3. MUTE   | Press to mute the sound.  |
| 4. SUBTITLE   | Changing of the SUBTITLE language on multi-subtitle language DVD disc.  |
| 5. ANGLE  | Changing of the view angle on multi-angle DVD disc.   |
| 6. CONSOLE  | Display statistical disc information during playback.   |
| 7. MODE   | Changing between DVD mode, TV mode and AV mode.   |
| 8. SETUP  | Display the SETUP menu.   |
| 9. PAL/NTSC   | Switch between PAL mode, NTSC mode and AUTO mode.   |
| 10. AUDIO   | Changing of the AUDIO soundtrack on multi-audio soundtrack DVD disc. Changing of the sound mode of the VCD/CD discs.  |
| 11. TITLE   | Display the TITLE menu that is stored in DVD disc.  |
| 12. MENU  | Display the root menu that is stored on the DVD disc.<br>In TV mode, press it to enter into search state, then pressing  button to start searching TV channels.  |
| 13.  /  ,  /  | In case of MENU mode,  /  ,  /  buttons served as cursor buttons to select item left/right, ahead/back.   |
| 14. ENTER   | Confirm the Track/Chapter selected with the numeric buttons or selected with the cursor buttons on TV screen.   |
| 15.  /    | Changing for slow forward/ reverse playback motion.   |
| 16.    | Press to play the disc.   |
| 17.  /    | Press  to search forward rapidly &  to search reverse rapidly.  |
| 18.  (CH+)/  (CH-)  | Press  to skip to the next track & press  to skip back one track.<br>In TV mode, press  (CH+) button or  (CH-) button to choose channel upward or downward. |
| 19.    | Press it once to pre-stop playback; press it twice to stop playback.  |
| 20.   | Press it for the first time to pause playback. Press it again to stop at the next picture (step function for DVD/VCD/SVCD).   |
| 21. 0-9   | Numeric buttons   |
| 22. 3D (-/-)  | In TV mode, Digital select button, cooperatively used with numeric buttons.<br>During disc playback, press it to select normal or 3D surround effect mode.  |
| 23. CLEAR   | When you input a number in error, press the button to clear it.   |
| 24. VOLUME+/-   | Press VOLUME+/- button to increase or decrease the volume level.  |
| 25. ZOOM  | Allows the picture to be increased in size.   |
| 26. BOOKMK  | During playback, press to enter bookmark function.  |
| 27. GOTO  | Press to select the bookmark that you set.  |
| 28. PBC   | Changing between PBC ON and PBC OFF on the VCD disc.  |
| 29. RANDOM  | Allows the track played in random order.  |
| 30. PROGRAM   | Allows the track played in the order you programmed.  |
| 31. REPEAT  | Switch the Repeat mode of discs.  |
| 32. A-B   | A-B repeat allows a passage to be repeated continuously.  |

# REMOTE CONTROL

---

## Preparing the Remote Control

### ***Inserting the Batteries***

1. Open the battery compartment cover.
2. Insert the new batteries. Make sure that the positive and negative terminals of the batteries are oriented as indicated.
3. Close the cover  
Battery: Two AAA size battery.



### ***Using the Remote Control***

Face the remote control towards the front face **IR** mark (remote control signal receiver).





Operation angle: About  $\pm 30$  degree in each direction of the front of the IR mark.

# GENERAL OPERATION

## TURN THE UNIT ON

After all connections are completed correctly, press the  on the front panel or  (**POWER**) on the remote control to turn on the power. When the unit is on, it will search the disc automatically. If there is a disc in the disc slot, the unit will start playback automatically. Besides this, you should turn on the monitor that is connected to the player.

## Standby State

- 1) When the unit is on, press  on the front panel or  (**POWER**) on the remote control to turn the unit off temporarily, in order to stop the playback in a short time and the unit goes into standby state.
- 2) In standby state, press  on the front panel or  (**POWER**) on the remote control again to recall playback and for disc playback, it can realize memory play function.

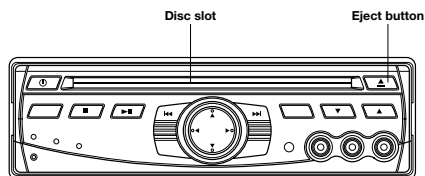
**Note:** The unit has screen saver function (select "ON" in Screen Saver setup). If the playback is stopped and there is no function operation in 5 minutes, it will activate the screen saver function automatically; when any function for DVD player is activated, the screen saver function will release automatically.

## Remote Sensor (IR)

Point the remote handset to the remote sensor **IR** on the front panel. Receive the signal from remote handset.

## Loading a Disc

1. Insert the disc with printed side facing up into the disc slot.
2. The player will start playback automatically.







## Ejecting a Disc





Press  (EJECT) button on the front panel or on the remote control to eject the disc.



## BASIC PLAY

### STOPPING PLAYBACK



- Briefly press  (Stop) button to pre-stop the unit playback, when  button on the front panel or  (Play) button on the remote control is pressed, normal playback will continue.
- Press  (Stop) button twice to stop the playback and go back to DVD LOGO.

### Pausing Play/Step Play

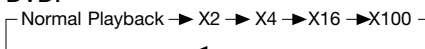
Pressing  on the remote control for the first time or pressing  on the front panel during playback will stop playback temporarily. To return to normal playback, press  on the remote control or  on the front panel.

If you play a DVD/VCD/SVCD, press  on the remote control again to stop at the next picture (step function). If you play a CD/MP3/Picture CD, pressing  on the remote control again is ineffective.

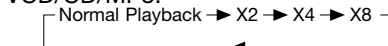
### Fast Forward/Fast Reverse

Press  &  during playback. Each time the button is pressed, the speed of fast forward/reverse changes according to the disc as follow.

DVD:



VCD/CD/MP3:

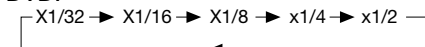



### Slow Motion Playback (For DVD Only)

Press  /  during play.



Each time the button is pressed, the speed of slow forward/reverse changes according to the disc as follow.



DVD:





In slow motion state, press  on the remote control to recover normal playback.

### Skipping Track

Press  /  buttons on the remote control or on the front panel during playback.

Press  to skip to the next track, and press  to skip to the previous track.

**Note:** For some VCD2.0 discs (PBC-playback control),  /  buttons may be unavailable.

## GENERAL OPERATION

### Mute

Press **MUTE** button to mute the sound, but the disc continues playing. Press **MUTE** again or press volume up/down buttons on the front panel or on the remote control, sound will resume.

### Volume Level Adjustment

Press **▲/▼** on the front panel or **VOLUME +/-** on the remote control to increase or decrease the volume level.

### DVD VIDEO MENU PLAY

When playing a DVD disc in the DVD player:

- 1) The disc will be played automatically and stop at menu picture.
- 2) Use **◀/▶**, **▲/▼** cursor buttons to move between the highlight bars in the menu.
- 3) Press **ENTER** button to confirm the selected item.

### MODE SELECTION

Press **SOURCE** button on the front panel of the unit or **MODE** on the remote control to select among DVD, TV and AV mode. When a mode is selected, the corresponding indicator on the front panel will be illuminated.

### RESET FUNCTION

**RESET** button is placed on the front panel and must be activated with either a ballpoint pen or thin metal object. The reset button is to be activated for the following reasons:

- Initial installation of the unit when all wiring is completed.
- All the function buttons do not operate.
- Error symbol on the display.

### LAST PLAY MEMORY

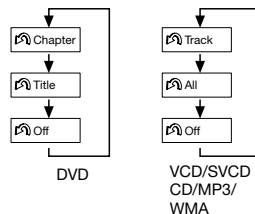
- During disc playback, if you press **⏻** (**POWER**) button to turn off the unit and then press the button again to turn on the unit, the DVD unit will resume playing from the point that it was interrupted.
- During disc playback, press **▲** (**EJECT**) button to eject the disc then load the disc into the slot again, the unit will resume playing from the point that it was interrupted.
- During disc playback, if you press **SOURCE** button or **MODE** button to switch to TV or AV mode, then return to DVD mode again, the unit will resume playing from the point that it was interrupted.

## ADVANCED OPERATION

### REPEAT PLAY/ PARAGRAPH REPEAT PLAY

**Repeat play:** when you want to repeat play the whole disc or a track or a chapter in the disc.

- 1) Press **REPEAT** button repeatedly to select different repeat modes.
- 2) For different kinds of discs, pressing **REPEAT** button has different effects.

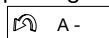


**Note:** REPEAT feature does not support VCD2.0 (with PBC ON).

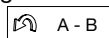
**Paragraph Repeat Play:** when you want to repeat playing a desired paragraph.

A-B repeat allows a passage to be repeated continuously.

- 1) Press **A-B** button first at the start of the required passage.

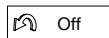


- 2) Press **A-B** button secondly at the end of the passage.



- 3) Then the unit will repeat playing the passage you just set from A to B.

- 4) To revert to normal playing, press **A-B** button again.



### PBC MENU PLAYBACK OF VCD/SVCD

For some VCD or SVCD disc, there is a menu in order to select the desired contents. This menu is called PBC (Playback Control) menu.

Press **PBC** button on the remote control to change between PBC ON and PBC OFF on the disc.

In PBC ON mode, REPEAT, RANDOM, BOOKMARK, A-B, PROGRAM and GOTO functions are unavailable.

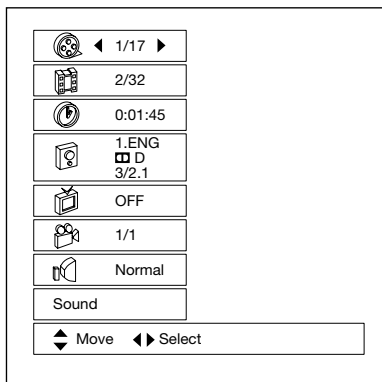


# ADVANCED OPERATION

## ON-SCREEN DISPLAY FUNCTION

Press the **CONSOLE** button during playback to display the console information of the current disc on the screen.

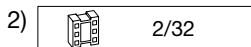
For DVD:



Item: Title

Function: Display the current title number and the total title number; it can skip to the desired title number.

Method: ◀/▶ buttons or use numeric buttons to input and confirm with **ENTER** button.



Item: Chapter

Function: Display the current chapter number and the total chapter number; it can skip to the desired chapter number.

Method: ◀/▶ buttons or use numeric buttons to input and confirm with **ENTER** button.

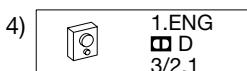


Item: Time

Function: Display the elapsed time; you can input the time directly to the skip to the corresponding playback point.

Method: Use numeric buttons to input

time and confirm with **ENTER** button.



Item: Audio

Function: Display the current audio soundtrack language and digital audio output; it can switch to other audio soundtrack language and digital audio output.

Method: ◀/▶ buttons or press **AUDIO** button.



Item: Subtitle

Function: Display the current subtitle language; it can switch to other subtitle language.

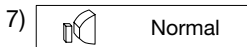
Method: ◀/▶ buttons or press **SUBTITLE** button.



Item: Angle

Function: Display the current angle; it can switch to other angle.

Method: ◀/▶ buttons or press **ANGLE** button.

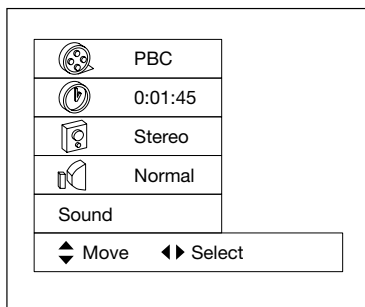


Item: Sound

Function: Display the current sound mode; it can switch between normal and 3D surround effect mode.

Method: ◀/▶ buttons or 3D button.

## For VCD:



## ADVANCED OPERATION

### 1) PBC

Item: Track

Function: When it is in PBC ON mode, it display "PBC" (only display, can't be changed); when it is in PBC OFF mode, it will display the current track number and total track number (such as "1/16") and it can skip to the desired track number.

Method: When in PBC OFF, press ◀/▶ buttons or use numeric buttons to input and confirm with **ENTER** button.

### 2) 0:01:45

Item: Time

Function: Display the elapsed time; you can input the time directly to skip to the corresponding playback point.

Method: In PBC mode, it can't be changed. In PBC OFF mode, use numeric buttons to input time and confirm with **ENTER** button.

### 3) Stereo

Item: Audio

Function: Display the current audio mode; it can switch to other audio mode.

Method: ◀/▶ buttons or press **AUDIO** button.

### 4) Normal

Item: Sound

Function: Display the current sound mode; it can switch between normal and 3D surround effect mode.

Method: ◀/▶ buttons or 3D button.

## PAL/NTSC SYSTEM SELECTION

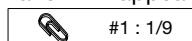
Press the **PAL/NTSC** button to switch between PAL, NTSC and AUTO modes.

**Note:** The function is only effective when the LOGO is shown. That is to say, when there is no disc in the unit, ejecting a disc in stop mode, or pre-stop mode when playing DVD/VCD, pressing PAL/NTSC is effective.

## BOOKMARK FUNCTION

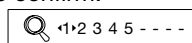
During playback, pressing **BOOKMK** button will enter into bookmark function.

1) During playback, when you want to set a bookmark, press **BOOKMK** button, the information will appear:



This is to tell you that you have set a bookmark.

2) If you want to watch the section that you just set a bookmark, press **GOTO** button, then press ◀/▶ buttons to move the cursor to the desired number of the bookmark, and press ▶ or **ENTER** button to confirm.



### NOTE:

- You can press **BOOKMK** button again to close the search menu on the screen.
- You can press **BOOKMK** button repeatedly to set 9 bookmarks in all. And you can press **CLEAR** button on the remote control to clear the bookmark you have set.

## RANDOM PLAYING

Pressing **RANDOM** button during playback will start to play tracks in random order.

Press the button again to revert to normal playback.

Note:

- This function is effective on VCD, SVCD and CD.
- When playing a VCD/SVCD, the random playback is effective with PBC OFF.

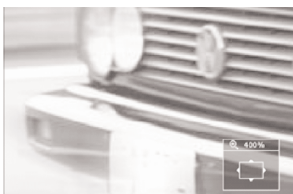
## ADVANCED OPERATION

### ZOOM FUNCTION

When playing DVD, VCD or some data discs which includes picture files, if you want to view some parts of the picture clear:



- 1) Press ZOOM button to zoom in the picture 4 times.



- 2) Press ZOOM button again to zoom in the picture 16 times.

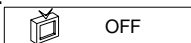


- 3) During zoom mode, pressing ▲ / ▼, ◀ / ▶ buttons will move pictures up, down, left or right direction in order to find the picture that you want to zoom in.
- 4) When the sale is 16 times, press **ZOOM** button again to cancel the **ZOOM** function.

### SPECIAL FUNCTIONS FOR DVD

#### Multi-subtitle Language Function

Press **SUBTITLE** during playback. The following information will be shown on the screen.



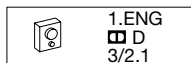
Each time the button is pressed, the subtitle language changes in sequential order.

Notes:

- The language number is different according to the disc.
- Some discs only contain one subtitle language.

#### Multi-audio Language Function

Press **AUDIO** during playback. The following information will be shown on the screen.



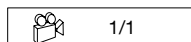
Each time the button is pressed, the audio soundtrack language changes on sequential order.

Notes:

- The language number is different according to the disc.
- Some discs only contain one soundtrack language.

#### Multi-angle Function

Press **ANGLE** during playback. The following information will be shown on the screen.



Each time the button is pressed, the angle changes in sequential order.

Notes:

- The angle number is different according to the disc.
- The function only works for discs having scenes recorded at different angles.

### FREQUENTLY ASKED QUESTIONS

- When inserting a DVD disc, why it can't be played, just showing "region error"? It is because that the DVD player and the discs all have the "REGION CODE". If the region number described on the DVD disc does not correspond to the region number of this DVD player, the unit cannot play the disc.
- When inserting a DVD disc, there is a window shown on the screen that requires entering 4 characters password, why? It is because that the current disc has "Parental Control" level, and the player's parental level is set below the level of the disc, you should enter the correct password to play the disc normally.

## ADVANCED OPERATION

### NOTE:

- On how to set the “Parental Control” level, please refer to “SETUP\LOCK” in the following page.

### ATTACHMENT: PARENTAL CONTROL

DVD discs have a parental level assigned to the disc. The range of parental controls is from 1 to 8. The player can be set in a similar way. If the player's parental level is set to 8 it will play all discs. If the player's parental level is set below 8, only discs with a lower or equal parental level will play.

For example if the player is set to 5, only discs with parental control ratings of 5, 4, 3, 2, & 1 will play. To play a higher rated disc you must change the player's rating to a higher number.

For example, consider a disc that generally is suitable for most audiences, and is rated as level 2 for the most part. However in the middle there are also scenes rated at 5 & 7 (not suitable for children). Alternative scenes with lower rating are included.

The player plays the highest rated scene that the parental setting allows.

A section of the disc can have several different sequences that vary in parental control level. In the above example of a disc with parental control, the player will show a different section depending on the parental control level set in the player's menu. In this way parents can control the content of films and there is no indication that any censorship has occurred.

The meaning of the levels 1 to 8 varies depending upon the country and the type of content on the disc.

The parental control levels are:

Unlock

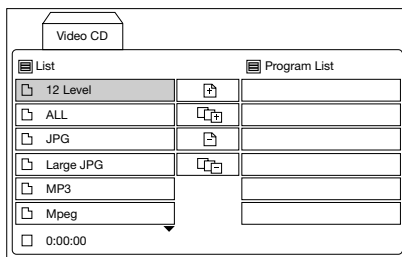
- 1 Kid safe
- 2 G
- 3 PG
- 4 PG 13
- 5 PG R
- 6 R
- 7 NC 17
- 8 Adult

The factory password of the parental control is “3351”.

### SPECIAL FUNCTIONS FOR VCD

For VCD discs, there is one special function “Program Play” which makes it different from DVD discs.

- The function is effective in PBC OFF mode. In stop or pre-stop mode, press **PROGRAM** button can activate program edit interface.



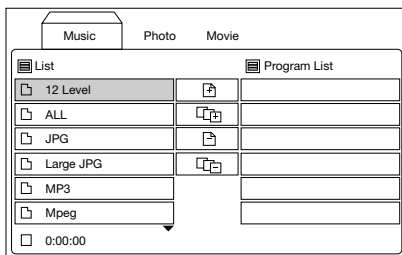
- On how to set the program menu, please refer to the operation of the audio files in the media player below.

Note:

- After you have programmed the tracks, press **PROGRAM** button to switch between program play and normal play.
- Press **▶** or **ENTER** button to exit the edit interface.

### DATA DISC AND AUDIO CD PLAY OPERATION

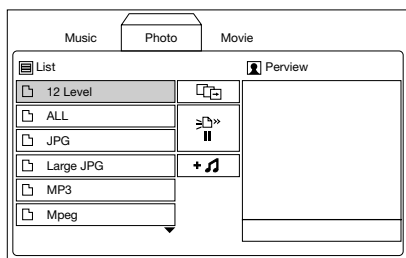
When you insert a data disc including audio (MP3, WMA), movie (MPEG), picture (JPG) files or audio CD into the disc slot, the following media play window will be shown on the screen:




- Press **TITLE** button to switch between Music, Photo and Movie pages.
- In Music page, there are three areas: Play list, Program list and the Edit area in the middle.

## ADVANCED OPERATION

- Press **►** or **ENTER** button to open the highlighted folder in the play list or play the audio file in the play list or program list.
  - Use “ADD”, “ADD ALL”, “DELETE”, and “DELETE ALL” these four operation buttons on the middle edit area edit the program list.
  - When highlight is on the audio file of the play list, you can press **PROGRAM** button to add the highlight file directly to the program list.
  - When highlight is on the program list, you can press **CLEAR** button to delete the highlight file directly.
- 3) In Photo page, there are three areas: Play list, Preview window and the Edit area in the middle.



- Press **►** or **ENTER** button to open the highlighted folder in the play list.
- When the highlight stops on the picture file, the preview of the picture will be shown in the preview window on the right.
- When selecting the  (slide show) button in the middle area and pressing **ENTER** to confirm, it will start to display all the pictures in full screen in turn. When showing the picture in full screen, the control bar will be shown on the screen.



3/15 ◀◀ 90° ▶▶ 90° ▲Prev ▼Next ■Stop ⏏Hide

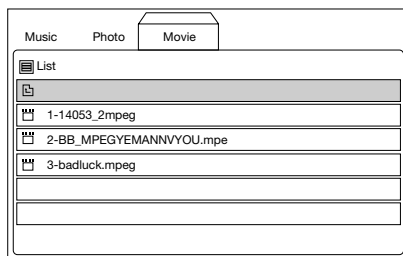
Press **◀** or **▶** button to rotate the picture 90° counter-clockwise or clockwise.

Press **▲** / **▼** button to skip to the previous or next picture.

Press **■** button to stop slide show.

Press **CLEAR** button to hide or display the control bar.

- When selecting the  (Mixed Play) button in the middle area and pressing **ENTER** to confirm, it will start to display all the pictures in full screen in turn and add the MP3 file as background music.
  - The  (Speed) button in the middle area is used to adjust the display interval speed between the pictures. Press **◀** / **▶** buttons to switch between “>”, “>>”, “>>>” and “||”.
- 4) In Movie page, press **►** or **ENTER** button to open the highlight folder in the play list or play the corresponding file.



### NOTE:

For audio CD, the play interface and operation is similar with the Music page operation. For details, please refer to the description of Music page above.

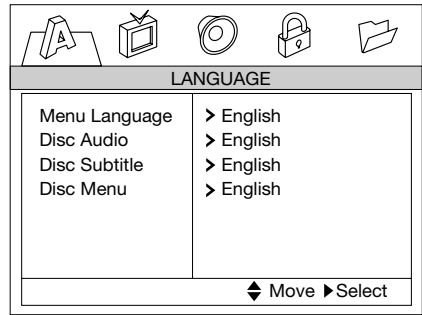
# SETUP

In the stop mode or when the disc is playing, press **SETUP** on the remote control or on the front panel to enter setup menu.

- When the cursor is on the topside, use ◀/▶ buttons to move between the different pages.
- Press ▼ button to move the cursor to the setup page below and then you can use ▲/▼ buttons to move between the different setup options.
- Press ▶ button to display the choice list for each setup option and then use ▲/▼ buttons and **ENTER** button to change your selection.

## LANGUAGE SETUP

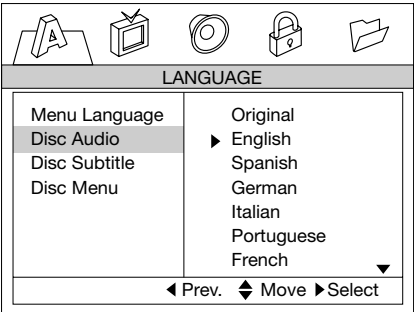
- When you open the setup menu, you will see the language setup page at first, see below:



- “Menu Language” is used to change the language used in the whole menu and all prompt information during playback. The unit has the following languages to be selected: English, Spanish, German, Italian, Portuguese, French and Russian.
- “Disc Audio” is used to set a preset value for the playback language of the DVD. When playing a DVD disc, if the disc has a language that matches with the preset value, then it will play the language directly; if the disc does not include the language that matches with the preset, or the disc has the compelling playback language itself, then it will play the default language of the disc.

The unit has the following disc audio languages to be selected: Original,

English, Spanish, German, Italian, Portuguese, French, Russian, Chinese and Other.

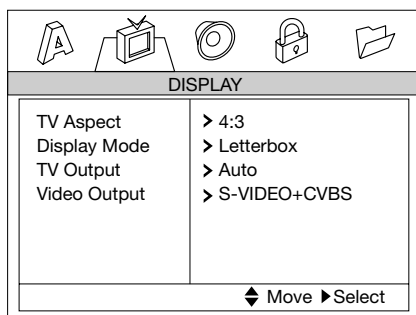


- “Disc Subtitle” and “Disc Menu” are similar with “Disc Audio”; the function is to set a preset value for the playback subtitle and menu display language of the DVD.

# SETUP

## DISPLAY SETUP

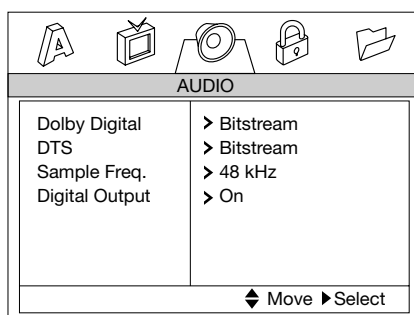
- When you open the **DISPLAY** menu, you will see the following picture:



- “TV Aspect” is used to set the appropriate display effect when wide-screen video material is played on a conventional screen. There are two options to be selected: 4:3 and 16:9. When a wide-screen TV set is connected, you can select “16:9” to get better view effect.
- “Display Mode” can be changed when you set “4:3” in the “TV Aspect”. There are Letterbox and Panscan to be selected.
  - Letterbox: Display the picture of the cinema effect with the black bands at the top and bottom of the screen.
  - Panscan: Display the picture of the clipped TV screen. The left and right edges are cut off.
- “TV Output” is used to select the TV output mode. This player can play discs recorded in either PAL or NTSC formats. Select NTSC format, when the unit is connected to NTSC TV. Select PAL format, when the unit is connected to PAL TV. Select AUTO format, the player TV output format will be according to the DVD disc format.
- In the “Video Output” item, there is only one video output mode “S-VIDEO+CVBS”.

## AUDIO SETUP

- When you open the **AUDIO** menu, you will see the following picture:



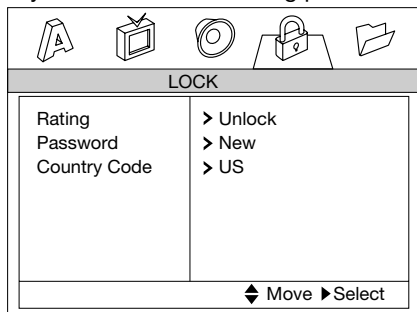
- “Dolby Digital” means the Dolby digital out type. There are “Bitstream” and “PCM” to be selected.
- Bitstream: When connecting to the amplifier or other devices with the Dolby Digital Decoder, DTS Decoder or MPEG Decoder or other devices, select this item.
- PCM (Pulse Code Modulation): When connect to the amplifier with two channel digital stereo, select this item.

When playing a DVD disc with Dolby Digital and recorded by MPEG1 or MPEG2 record system, the DVD player will output the audio in PCM2 playback mode.
- “DTS” means “Date Transmission System”. There are “Bitstream” and “PCM” to be selected.
- “Sample Freq.” means “Sample Frequency”. Select the Sample Freq. between 48kHz and 96kHz. The higher the sample frequency is, the better the output audio quality is.
- “Digital Output” is to activate the digital audio output on or off.

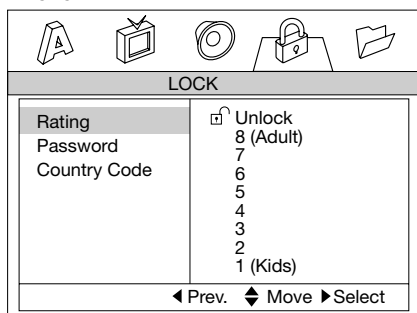
# SETUP

## LOCK SETUP

- When you open the **LOCK** setup page, you will see the following picture:



- "Rating" is used to set the parent control level.



- When you enter into this item, the system will require you to input the password, if the password is correct, you can be permitted to change the parent lock level. Then you must input the password "3351".
- If you find it wrong in the course of entering the password, press **CLEAR** button to clear the entered characters.
- When you enter the correct password, you can use **▲/▼** buttons to change the parent level. Here provide 9 kinds of level including 1~8 and unlock.
- Regarding to the levels, please refer to the "PARENT CONTROL".
- When you complete the set in the setup, you must eject/load the disc from the disc slot, and then the function will come into effect.
- "Password" setup is used to set the new password or change the old

password; before you enter into this item, the system will require you to input the old password, if the password is correct, you can be permitted to change the password.

- "Country Code" is used to set the country code. The code information standing for original producing area country will be written in every DVD disc when it is produced. There are two characters standing for the name of the country. For example, CN for China, CA for Canada, and so on. Only when the country code you set in the SETUP menu matches with the disc's own country code, the parent level that you set will come into effect.

The detail operation is:

- When you first set this item, it will display "NEW" and require you to input a new password, then input the password again to confirm it.
- Then the first character of the country code will be selected, you can use **▲/▼** buttons to select upward or downward to confirm the first character;
- When you confirm the first character, the second character will change into all the characters that may match with the first character to stand for the corresponding country code;
- Then use **▲/▼** buttons to select the second character;
- Press **ENTER** button to confirm the setting for country code.

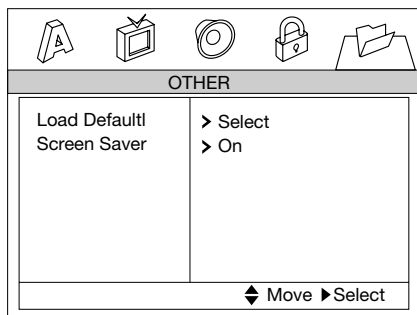
Note:

If you have set a password in "Rating" and "Password", when you set the country code, it will require you to input the password. Only when the password is correct, you can be permitted to change the country code. If you select "Load Default" in SETUP menu, the password you have set will be cleared.



### OTHERS SETUP

- When you enter into the OTHERS setup page, you will see the following picture. You can change the setting for Load Default and Screen Saver.



- “Load Default” is used to revert to factory initial settings.
- “Screen Saver” is used to switch on/off the screen saver function.

Press the **MODE** button on the remote control to switch among TV mode. When in TV mode, the function of the buttons served in DVD mode is locked.

### Searching Channels

Pressing MENU (TV SEARCH) button on the front panel of the DVD unit or MENU on the remote control will enter into searching mode. Then press ►► button to start searching TV channels ◀◀ to stop searching.

### Selecting Channels

- Press ►► (**CH+**) button or ◀◀ (**CH-**) button to choose channel upward or downward.
- The numeric buttons (0, 1~9) allow you to select the corresponding channel directly.
- Press digital select button **3D (-/-)** cooperatively used with numeric buttons to select channel desired.

### Volume Adjustment

Press **VOLUME ▲ / ▼** on the front panel or **VOLUME +/-** on the remote control to adjust volume level.

### Mute

Press **MUTE** button to mute the sound. Press **MUTE** button again to press volume up/down buttons on the front panel or on the remote control, sound will resume.

## **TROUBLE SHOOTING**

---

If it appears that your DVD unit is faulty, first consult this checklist. It may be that something simple has been overlooked.

**Under no circumstances should you try to repair the player yourself, as this will invalidate the warranty. Only qualified service personnel can remove the cover or service this player.**

### **NO POWER**

- Check if the on/off button on the front of the player is set to on.
- Check if AC or DC power plug of the mains unit is properly connected.
- Check if there is power at the AC or DC outlet.

### **NO PICTURE**

- Check if the monitor or TV is switched on.
- Select the correct AV input on the monitor or TV.
- Check the video connection.

### **DISTORTED PICTURE**

- Check the disc for fingerprints and clean with soft cloth, wiping from centre to edge.
- Sometimes a small amount of picture distortion may appear. This is not a malfunction.

### **COMPLETELY DISTORTED PICTURE**

- The disc format is not according to the TV-set used (PAL/NTSC).

### **NO COLOR IN PICTURE**

- The disc format is not according to the TV-set used (PAL/NTSC).

### **DISC DOES NOT PLAY**

- Ensure the disc label is upwards.
- Clean the disc.
- Check if the disc is defective by trying another disc.

### **NO SOUND**

- Check audio connections.
- If using a HIFI amplifier, try another sound source.

### **NO RETURN TO START-UP SCREEN WHEN DISC IS REMOVED**

- Press POWER to turn off the unit, then press it again to turn on the unit.
- Press Reset button on the front of the DVD unit.

### **THE PLAYER DOES NOT RESPOND TO THE REMOTE CONTROL**

- Aim the remote control directly at the sensor on the front of the player.
- Avoid all obstacles which may interfere with the signal path.
- Inspect or replace the remote control batteries.

### **DISTORTED OR B/W PICTURE**

- The disc format is not according to the TV-set used (PAL/NTSC).

### **NO AUDIO AT DIGITAL OUTPUT**

- Check the digital connections
- Check the Digital Audio menu to make sure that the digital output is correctly set.
- Check if the audio format of the selected audio language matches your receiver's capabilities.

### **BUTTONS DO NOT WORK**

- Turn the player off and on with the power on/off button on the front of the player.
- Press Reset button on the front of the DVD unit.

## SPECIFICATIONS

---

Supply Voltage	: 12V DC (11V-15V), test voltage 14.4V, negative ground
Current Consumption	: Less than 2A
Signal System	: Composite video 1.0Vp-p 75Ω
Discs Played	: (1) 5"(12 cm) DVD-VIDEO Disc (2) Compact Disc (CD-DA/CD-R/CD-RW/MP3) (3) 5" (12cm) Video CD
Audio Output Level	: 10kΩ (2 ch 2.0 Vrms)
Audio Signal Output Characteristics	: (1) Frequency Response      20 Hz - 20 KHz (2) S/N Ratio                      80 dB (JIS) (3) Wow and Flutter              Below measurable limits

### **Note:**

Specifications and design are subject to modification, without notice, due to improvements in technology.

**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.**



**3451 LUNAR COURT, OXNARD, CA 93030**

**WWW.SOUNDSTORMLAB.COM**

**PHONE: 805.983.8008**

**FAX: 805.983.7068**

**TECHNICAL SUPPORT: SSLTECH@SOUNDSTORMLAB.COM**