# SD140V
## MULTI-MEDIA DISC PLAYER

12.2006

# User's Manual

**SSL**

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CE  e1

N1342

# SD140V
## MULTI-MEDIA DISC PLAYER

The design and manufacture of this product takes personal safety in to consideration. However, any improper operation may result in personal injury, electric shock, fire and other hazard. So please adhere to following precautions.

## GENERAL PRECACUTIONS

1. Be sure to keep the disc slot clean. If you see dirt or dust on it, wipe it off with a clean, lint-free cloth.
2. Do not insert dirty or dusty discs into the disc slot. Dirt and dust introduced to the player mechanism in this manner may cause irreparable damage to the player.
3. Don't play this unit at maximum volume level for extended periods of time. It will shorten the life of the unit.
4. This player is a precision device. Do not open the case or attempt to make any repairs yourself.
5. Do not press on the LCD display or touch it with hard objects. This may scratch the surface of the display.
6. Do not watch the screen while you drive, or attempt to operate the unit. If the driver wishes to watch the screen, pull off the road and turn off the engine first.
7. This product is for use in 12V negative ground vehicles only.

## OPERATING PRECAUTIONS

1. Avoid playing discs while driving on a bumpy road. This may cause damage to the laser in the player. Also, playing poor quality discs may damage the laser.
2. If the inside of your vehicle is dirty or dusty, please be sure to use a CD lens cleaning kit frequently.
3. This player is designed to operate from -20°C to +60°C. Do not turn it on in extreme cold or hot environments which are not within this range.
4. If you observe abnormal or unexpected behavior from the unit, please refer to the Troubleshooting page of this manual. If you do not find a remedy by doing so, try pressing the RESET button.

# Table of contents

## 1. DVD features

This player is compatible with DVD, MP4, VCD, SVCD, DVCD, CD and MP3 format discs. It offers on-screen programming (OSD) in a choice of languages, and produces a high-quality video image with over 500 lines of horizontal resolution.

The player can provide high-fidelity DTS digital output. Subtitle support for DVD's can number up to 32 different languages, and dubbing in 8 languages. For discs which support the Angle viewing feature, this is also supported.

To allow flexibility in system installations, you can choose from different viewing screen aspect ratios.
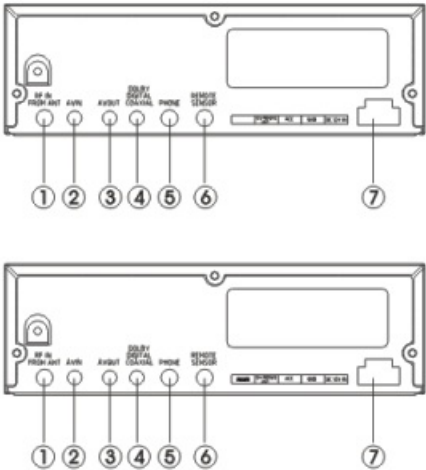
## 2. Features and Controls

### 2.1 Front Panel

1.POWER
ON/OFF
2.DISK SLOT
3.OPEN/CLOSE
4.STOP

5.PAUSE/PLAY
6.BACKWARD
7.FORWARD



### 2.2 Rear Panel

1. RF IN
   FROM ANT
2. AV IN
3. AV OUT
4. COAXIAL
5. PHONE
6. REMOTE
   SENSOR
7. POWER



### 2.3 Remote Control
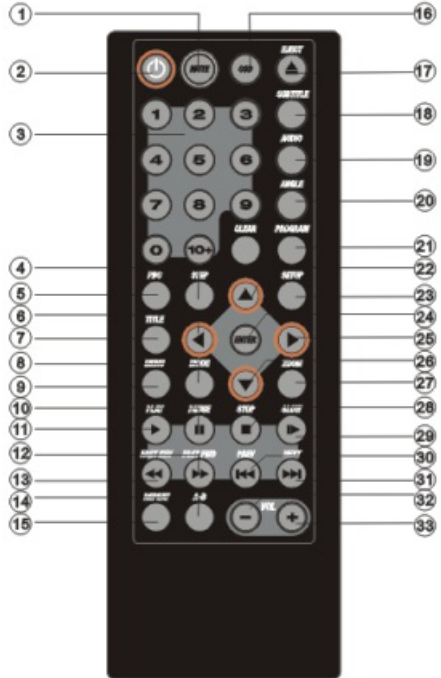


| | |
|---|---|
| 1.MUTE | 18.SUBTITLE |
| 2.POWER | 19.AUDIO |
| 3.NUMBER KEY SELECT | 20.ANGLE |
| 4.STEP | 21.PROGRAM |
| 5.PBC | 22.UP |
| 6.LEFT | 23.SETUP |
| 7.TITLE | 24.ENTER |
| 8.MODE | 25.RIGHT |
| 9.MENU | 26.DOWN |
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| 12.FORWARD | 29.SLOW |
| 13.RETURN | 30.PREV |
| 14.A-B | 31.NEXT |
| 15.REPEAT | 32.VOL- |
| 16.OSD | 33.VOL+ |
| 17.EJECT | |

## 3. Preparation before operation

### 3.1 Unpacking and checking

Check that the following accessories are present:

Remote control

TV Connector

DVD Faceplate

DVD Mounting Chassis

Power Cable

Yellow, Red, and White RCA to RCA Interconnects

Owner's manual

### 3.2 Insert the batteries in the remote control

Open battery compartment, insert one lithium battery, make sure to match "+" and "-" of the battery to the marks in the battery compartment. While operating remote control, please point it to the front panel of the DVD player.

### 3.3 Connections

Video connections to your monitor can be done with either the S-Video connector or RCA-type video connections. As a precaution, be sure to turn off the power of the player and the monitor(s) before making any connections.

**Video Connections**

TV

YELLOW WHITE RED
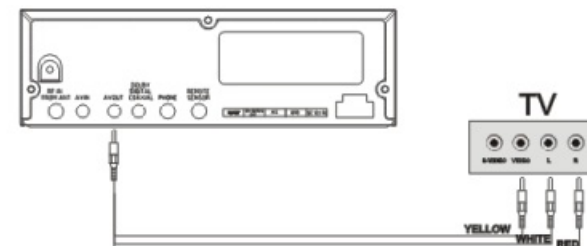
Audio connections can use either the coax connector (digital audio) or the RCA type connectors (analog audio).

**Audio Connections**

AMP

YELLOW WHITE RED

**Power Connections**

REMOTE OUT — BLUE
ACC(IGNITION SWITCH) — RED
Ground — -BLACK
CAR DC12V — +YELLOW
+12V
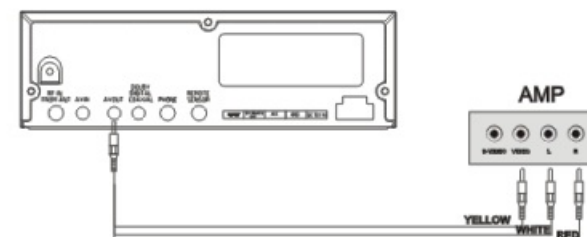
## 4. Basic operation

### Turn On the TV and Your DVD Player

Press the Power button on the player or the remote control, and "Read" appears on the TV screen. If there isn't a disc in the DVD player, "No disc" will be displayed on both the screen and the VFD.
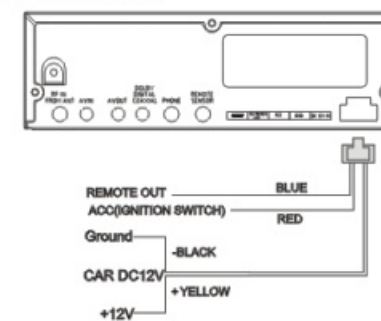
### Insert a Disc

Press the Open / Close button on the remote control or the front of the DVD player, and "Open" appears on the screen. Then place a disc gently into the tray with the disc's label facing up (double-sided discs have content on both sides, so you can place either side up) Press the Open / Close button again to close the disc tray "Close" appears and the disc starts playing automatically.

*Note: Occasionally certain discs may not begin playing automatically. If*

*this occurs, press PLAY or ENTER to begin playback.*

### Play

The contents of each disc menu vary according to how the disc was authored and what features are included. The disc menu will be turned on for you to select, when Menu button pressed. Also play and pause can be switched with the Pause button on the remote.

### Menu Play (compatible with DVD, SVCD, VCD2.0 discs)

1. After inserting a disc, press Menu button
   * TV screen displays the DVD Root Menu when a DVD disc is loaded.
   * When a SVCD or VCD 2.0 disc is loaded, SVCD or VCD 2.0 menu will be displayed on the screen (when PBC is off) (At this moment, press PBC button once to display current PBC state).
   * PBC is initialized on when a SVCD or VCD2.0 disc is loaded.
2. When a DVD disc is loaded, you can press Arrow buttons to highlight the menu item you want to choose; For SVCD or VCD2.0 discs, you can press number buttons buttons to select a track to play.
3. Press Enter or Play button, to begin playback of the highlighted item.

5. Stop
   * When you press Stop button for the first time, the player enters PRE stop state. At the same time the screen displays "PRE Stop"
   * To begin the title over. In PRE stop state, press twice play will be stopped completely. The player remembers where you stopped. When you start playing the disc again, the DVD player picks up. where you left off.
   * In Stop state, when you press Play, the player enters sequence playback mode. For the disc protection, before you press Open / Close button to eject the disc tray when playing, please press Stop button first. After taking out the disc, press Open / Close again
   * If you're not going to use the DVD player for a long time, be sure to unplug it from the power source.

### Title Play (compatible with DVD discs only)

* During DVD playback, press Title button to display the DVD title content. Press the Arrow buttons to highlight the title you want to choose, and press Enter. You can use press the numeric buttons to choose.
* The DVD player begins with the chapter 1 of the chosen title also.

### Sequence Play (compatible with DVD, SVCD, VCD, CD-G, DTS-CD, HD-CD, WMA, MP3/JPEG discs)

* When a SVCD or VCD disc is loaded and PBC is on, If the PBC button pressed, PBC switches off. Then the player can play in sequence playback mode. When PBC button is pressed twice, PBC switches on.
* in the stop state, when you press the Play button, the player enters sequence playback mode. This feature is works for all compatible discs.

# 5.Additional Operation

## 5.1. Selecting Tracks (compatible with DVD, SVCD, VCD, CD, CD-G, DTS-CD, HD-CD, WMA, MP3/JPEG discs)

- When playing a DVD disc, press Numeric buttons on the menu or title page to select tracks. During DVD playback, you can input the desired title number directly.
- If you are playing a SVCD or VCD disc, during sequence playback, press the numeric buttons to select tracks. (during Program Playback, if PBC is on, you can only press Prev / Next button to select).
- If you are playing CD, CD-G, HD-CD, DTS-CD discs, press the numeric buttons directly to select tracks.
- When playing WMA, MP3 / JPEG discs, press the numeric buttons to select different tracks on current track list.

  Notes: To select tracks from 1 to 10, press corresponding Numeric buttons (1-9, 10)To select tracks above 10, press 10+ button. For example, to select the track 15, press 10+ and 5 button. If the selected track is not available, the player will advise you.

## 5.2 Skipping Tracks (compatible with DVD, SVCD, VCD, CD, CD-G, DTS-CD, HD-CD, WMA, MP3/JPEG discs)

- To skip forward to the beginning of the next title / chapter / track on a disc, press Next on the remote or the front of the player
- To skip backward to the beginning of the preceding title / chapter / track on a disc, press Prev on the remote or the front of the player.
- When playing the last chapter / track on a SVCD or VCD disc with PBC off, pressing the Next button will stop the playback. When playing the first chapter / track. pressing Prev button will stop the playback. If the player is stopped, pressing the Next / Prev button will be invalid period.
- DVD playback varies according to how the disc was configured, You can search in forward or reverse mode during playback.

## 5.3 Multispeed Fast Motion Playback(compatible with DVD, SVCD, VCD, CD, DTS-CD, WMA, MP3/JPEG discs)

- Press the F.F button on the remote during playback to search through a disc. Press the button again on the remote to search at the next speed. Fast Forward Playback has four speeds: x 2, x 4, x 8, x20. With each consecutive press of the button, the search speed increases. When you push the button a fifth time, normal playback is resumed. During DVD playback, when Fast Forward Playback gets to the beginning of the next title / chapter, it resumes normal playback. During SVCD or VCD playback with PBC on, when Fast Forward Playback gets to the beginning of the next track, it resumes normal playback.
- Press Play button to resume normal playback. During CD, HD-CD, MP3, or WMA playback ,with the speed F.F x 2, the player has audio output.
- Press the F.R button on the remote during playback to search through a disc. Press the button again on the remote to search at the next speed. Fast Reverse Playback has four speeds: x 2, x 4, x 8, x 20. With each consecutive press of the button, the search speed increases. If you press the button five times, Fast Reverse Playback cycles back to normal playback.

During DVD playback, when Fast Reverse Playback gets to the beginning of the playing title / chapter, it resumes normal playback; During SVCD or VCD playback with PBC on, when Fast Reverse Playback gets to the beginning of the playing track, it resumes normal playback.
- Press Play button to resume normal playback.
- During CD, HD-CD, MP3, or WMA playback ,with the speed F.R x 2, the player has audio output.

## 5.4 Multispeed Slow Motion Playback(compatible with DVD, SVCD, VCD, CD, CD-G, DTS-CD, HD-CD, WMA, MP3/JPEG discs)

- By pressing the Slow button during video playback, you can enter Slow Motion Playback mode. Press the Slow button on the remote during playback. Press the button again on the remote to play at an even slower speed. Slow Motion Playback has six speeds: 1/2, 1/3, 1/4, 1/5, 1/6, 1/7. With each consecutive press of the button, the play speed decreases. If you press the button seven times, Slow Motion Playback cycles back to normal playback. Press Play button to resume normal playback.

## 5.5 Using the Repeat Feature (compatible with DVD, SVCD,VCD, CD, CD-G, DTS-CD, HD-CD, WMA, MP3/JPEG discs)

While a disc is playing, press Repeat button once, and the repeat banner appears to show current repeat mode.
- In SVCD, VCD, CD, CD-G, HD-CD, DTS-CD, WMA, or MP3 / JPEG sequence playback mode, press Repeat button again to turn on repeat mode. Press the repeat button again on the remote to turn to the next repeat mode. There are three repeat options: Off, Track Repeat, and Disc Repeat. With each consecutive press of the button, the repeat mode changes. If you press the button four times, repeat mode cycles back to Off.
- In DVD playback, press Repeat button again to turn on repeat mode.There are three repeat options: Off, Chapter Repeat, and Title Repeat. With each consecutive press of the button, the repeat mode changes. If you press the button four times, repeat mode cycles back to Off.
- In WMA, MP3 / JPEG playback, press Repeat button again to turn on repeat mode.There are four repeat options: Off, Track Repeat, Directory Repeat, and Disc Repeat.With each consecutive press of the button, the repeat mode changes. If you press the button five times, repeat mode cycles back to Off.

## 5.6 Using the Display Feature (compatible with DVD, SVCD, VCD, CD, CD-G, DTS-CD, WMA, MP3/JPEG discs)

- Loading and playing DVDs
  Press Display button once to show the first page:
  "Disc Type,Title * / * (the playing title / total titles),Chapter * / * (the playing chapter / total chapters),Elapsed Time of the Disc" .
- Press the button again to show the second page:
  - Language #/# (the current audio language number/the available audio languages) or OFF;
  - Language Type, Audio Type, Subtitle #/# (the current subtitle language number/the available subtitle languages) or OFF;
  - Angle #/# (the current viewing angle/the number of available viewing angles) or OFF.
- Press the button for the third time, the display menu fades out.
  Loading and playing SVCD discs (two pages)

- Press Display button once to show the first page:
  "Disc Type,Track */* (the playing track / total tracks),Mute,PBC,Repeat Mode,
  Elapsed Time of the Playing Track" .
- Press the button again to show the second page:
  "Language */* (the number of playing language / the amount of optional
  languages) or Off,Language Type,Audio Type,Subtitle */* (the number of
  playing subtitle / the amount of optional subtitles) or Off" .
- Press the button for the third time, the display menu fades out.
- Loading and playing VCDs
- Press Display button once to show the first page:
  "Disc Type,Track */* (the playing track / total tracks),Mute,PBC,Repeat Mode,
  Elapsed Time of the Playing Track" .
- "Press the button again, the display menu fades out.
  Loading and playing CD, CD-G, DTS-CD, HD-CD, WMA, MP3 / JPEG discs
- Press Display button once to show the first page:
  "Disc Type,Track */* (the playing track / total tracks),Mute,Repeat Mode,
  Elapsed Time of the Playing Track" .
- Press the button again, the display menu fades out.

### 5.7 Changing the Soundtrack (compatible with SVCD, VCD, CD, CD-G, HD-CD, WMA, MP3/JPEG discs)

Press the AUDIO button to display current soundtrack.
- Press the button again to change the soundtrack.
- Press the button again on the remote to turn to next soundtrack.
  - When playing a SVCD or VCD disc, there are five soundtracks: Stereo (L/R),
    L/L, R/R, and R/R Auto A/D Detect. With each consecutive
    press of the button, the soundtrack changes. If you press the button six times,
    soundtrack cycles back to Stereo.
  - When playing a CD, CD-G, DTS-CD, HD-CD, WMA, or MP3 disc, there are three
    types of soundtracks Stereo (L/R), L/L, and R/R.

### 5.8 Subtitles (compatible with some DVD, SVCD discs)

Press the Subtitle button on the remote once, and the subtitle info banner appears.
When a DVD or SVCD is recorded with subtitles, you can use the Subtitle feature to
view the subtitles on-screen. By default, subtitles are off. The info banner will display
Subtitle Off.
To display subtitles, press the Subtitle button again. The default language with its
corresponding number will be displayed in the info banner and subtitles will be

displayed in that language. There are 8 supported subtitle languages: Chinese,
English, Japanese, French, Spanish, Portuguese, Germany and Latin. With each
consecutive press of the Subtitle button, the subtitle changes. For example,
"Language Icon: [1 English DTS 6CH] or [Off]" (the availability of the subtitles
are disc-dependent). To turn subtitles off, press the Subtitle button until Subtitle
Off is displayed.

### 5.9 Changing the Camera Angle (compatible with some DVD discs)

During disc playback, press Angle on the remote once, and the angle
appears.Some DVDs contain multiple angles of a particular scene or sequence,
so you can use the Angle feature to view. Press the Angle button again to go to
the next camera angle. If multiple camera angles are available, the Angle icon
displays the current angle number and the number of angles available. For
example: "Angle Icon: [*/*] or [Off]" ; 1 / 4 indicates that angle one is being
displayed, and there are four different angles available. (This feature is disc-
dependent. If no additional camera angles are available, the "Invalid Key" will
be displayed.)

### 5.10 Mute the Audio Output (compatible with DVD, SVCD, VCD, CD, CD-G, DTS-CD, HD-CD, WMA, MP3/JPEG discs)

Pressing the Mute button allows you to reduce sound to an inaudible level, and
"MUTE" will be displayed on screen. Press the button again or press the
Vol +/- button to return to the normal condition.

### 5.11 Volume control (compatible with DVD, SVCD, VCD, CD, CD-G, DTS-CD, HD-CD, WMA, MP3/JPEG discs)

- You can press the Volume button on the front of TV set or the amplifier to control
  the sound level.
- Pressing the Vol+ button on the remote allow you to amplify the sound level;
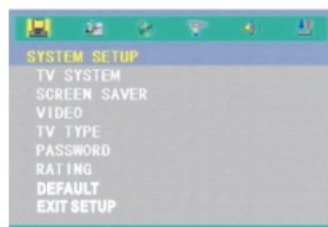  Pressing Vol- will reduce the sound level.
  Note:
  During DVD PCM output playback, this feature does not work.

# 6. System setting

## 6.1 General Steps of Setup Menu
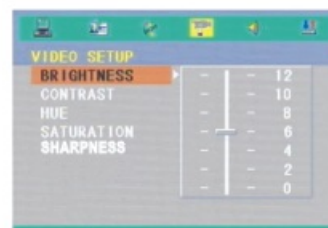
a)Press the Setup button. The main setup menu appears.

▪When the main menu displayed, the DVD system will automatically pause.

b)Press the Left and Right arrow buttons to highlight the icon of the desired page, then press the Down or Right arrow button to activate that page. For example, if you want to setup the video page, press Right to highlight the video icon.The video page will be displayed on the screen.

c)Press the Down arrow button to highlight the desired option. Press Enter or press Right to select. The choices of that option appear on the right. For example, press the Down arrow button to highlight the BRIGHTNESS option, then press Enter to select. The Brightness choices appear on the right.

d)Press the Arrow buttons to highlight the Exit Setup option, then press Enter or Setup again to exit Setup Menu.

Notes:
▪When setup, the pressing of the following buttons will turn off the setup menu, and the choices that have been changed will be saved: P / N, Subtitle, F.F, F.R, Vol +/-, PBC, Title, Return, Play, Stop, Resume, Pause / Step, Next, Prev, S.F, S.R, Zoom, Preview, Goto, Program, Repeat, A-B, Angle, language, Soundtrack, 3D, Record, Display, Mute, Setup.

## 6.2 TV SYSTEM

According to the Color System of the TV, you can choose the TV System.
• AUTO: Choose this setting if your DVD player is connected to a multi-system TV.
• NTSC: Choose this setting if your DVD player is connected to a NTSC TV.
• PAL: Choose this setting if your DVD player is connected to a PAL TV.
• PAL60: Choose this setting if your DVD player is connected to a PAL60 TV.
        The default setting is NTSC.
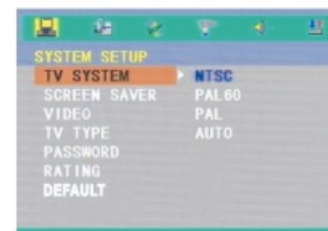
## 6.3 SCREEN SAVER

If the screen saver is setting on, and when your DVD player is in Stop, Open, or No Disc state, (or there is a frame frozen for more than 3 minutes) the screen saver will be displayed.This feature can protect the screen from damage.
• ON: Choose this setting to activate the screen saver.
• OFF: Choose this setting to cancel the screen saver
        The default setting is ON.
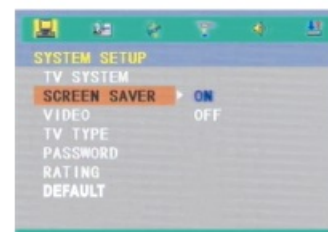
## 6.4 VIDEO OUTPUT

▪Interlace-YUV: Choose this setting if your DVD player is connected to a TV with Y, Cb, Cr video cables.
▪TV-RGB: Choose this setting if your DVD player is connected to a TV with an SCART cable.
▪P-SCAN: Choose this setting if your DVD player is connected to a progressive scan TV with Y, Pb, Pr video cables.

...

Notes:
- When your DVD player output composite video or S-Video, you do not need to make a selection
- Choose TV-RGB / P-SCAN if your DVD player is connected to a progressive scan TV.
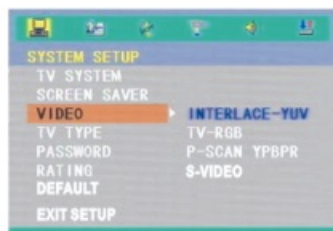
## 6.5 TV PICTURES ASPECT RATIO

- 16 : 9 (Wide Screen): Choose this setting if your DVD player is connected to a wide screen TV. If you choose this setting and you don't have a wide screen TV, the images on the screen may appear distorted due to vertical compression.
- 4 : 3 LB (Letter Box): Choosing this setting if your DVD player is connected to a normal ratio TV. connector You'll see the movies in their original aspect ratio (height-to-width ratio). You'll see the entire frame of the movie, but it will take up a smaller portion of the screen vertically. The movie might appear with black bars at the top and bottom of the screen.
- 4 : 3 PS (Pan & Scan): Choosing this setting if your DVD player is connected to a normal ratio TV. You can fill the movie to the entire screen of your TV. This might mean that parts of the picture (the left and right edges) won't be seen.

Notes:
- The image display ratio is related to the recorded disc format. Some disc can not display images in the aspect ratio you choose.
- If you play a disc recorded in 4:3 format on a wide screen TV, black bars will appear on the left and right side of the screen.
- You must adjust the screen setting depending on the type of the television you have.
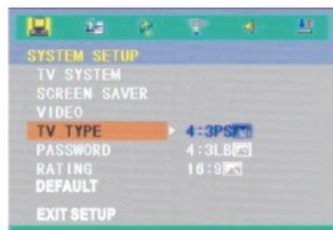
## 6.6 PASSWORD

The Password function works with the Rating setting also found in the System Settings. In order to change the Rating setting, you must first "unlock" the system using a password.

When the Password item is highlighted, you enter the password. The factory default setting for the Password is 0000. Once you have entered this, and pressed ENTER to confirm, you can change it to a different four-digit password number. Please note that in some installations, the password is a SIX digit number. In that case, the password is 000000.
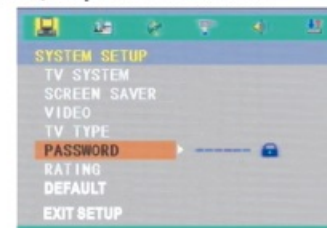
## 6.7 RATING

The Rating feature is a 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 two rating options: NO ADULT and KID SAFE.
- Select the VIEW ALL option to cancel the rating limit.
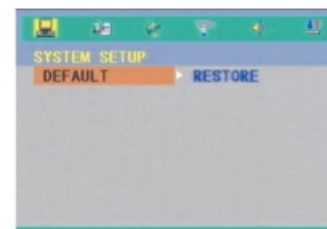The default setting is VIEW ALL.

Notes:
- If the password option is locked, you cannot set the ratings limit; the rating limit doe not work when the password option unlocked.
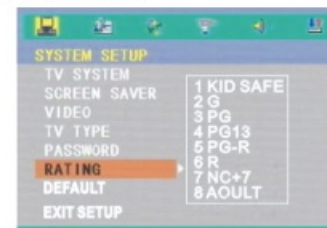
## 6.8 DEFAULT

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

## 6.9 Last Position Memory Feature

This unit is able to remember at what point in a program you were watching when the player was turned off. When you next turn the player on and insert the same disc, the player will start playback at that point, when you press the RESUME button on the remote control.

## 6.10 LANGUAGE SETUP
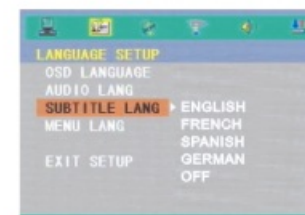
The language setup options are illustrated below:

Highlight the OSD LANGUAGE option, and press the Arrow buttons to choose the OSD language you prefer. Press Enter to confirm, and it will display OSD in that language; There are 8 optional OSD languages: Chinese, English, Japan, French, Spanish, Portuguese, German and Latin.



Highlight the AUDIO LANG option, and press the Arrow buttons to choose the audio language you prefer. Press Enter to confirm. If the disc you are playing has that language available, it will provide the soundtrack in that language; There are 8 optional audio languages: Chinese, English, Japan, French, Spanish, Portuguese, German and Latin.
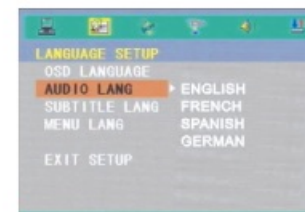


Highlight the SUBTITLE LANG option, and press the Arrow buttons to choose the subtitle language you prefer. Press Enter to confirm. If the disc you are playing has that language available, it will displays subtitles in that language; There are 8 optional audio languages: Chinese, English, Japan, French, Spanish, Portuguese, German, and Off.



Highlight the MENU LANG option, and press the Arrow buttons to choose the menu language you prefer. Press Enter to confirm. If the disc you are playing has that language available, it will displays menu in that language; There are 8 optional menu languages: Chinese, English, Japan, French, Spanish, Portuguese, German, and Off.
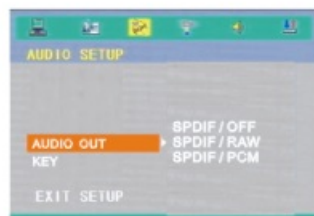
Notes:
If your preferred language isn't available, the disc's default language will be used.
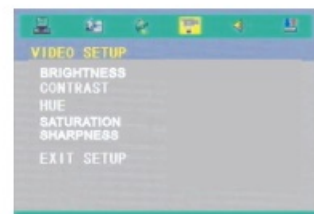The default language of your DVD player is Chinese.
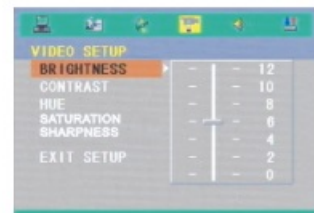
## 6.11 AUDIO SETUP

AUDIO SETUP



## 6.12 VIDEO SETUP

The video setup options are illustrated below:
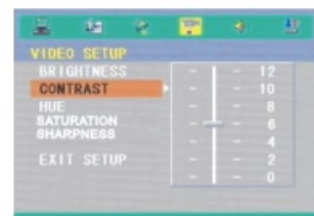


### BRIGHTNESS

Use the Up and Down arrow button to move the scroll and adjust the Brightness.
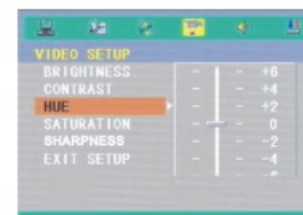


### CONTRAST

Use the Up and Down arrow button to move the scroll and adjust the Contrast.
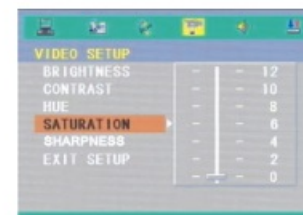
### HUE

Use the Up and Down arrow button to move the scroll and adjust the Hue.
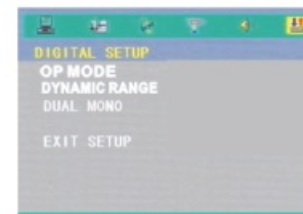


### SATURATION

Use the Up and Down arrow button to move the scroll and adjust the Saturation.



## 6.13 DIGITAL SETUP

The video setup options are illustrated below:



### 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.
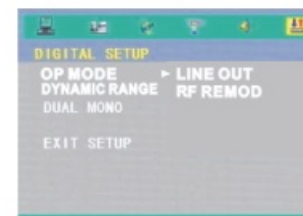
**DYNAMIC RANGE:** When "LINE OUT" is selected, choose this setting to adjust the line out ratio and get different effect. If set to FULL, the audio signal peak value will be the minimum. If set to OFF, signal peak value will be the maximum .

**NOTE:**
This option will be validated when the DOWNMIX OFF.
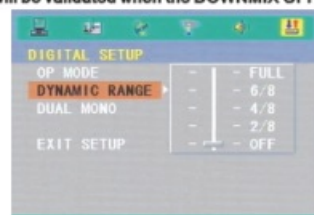
**DUAL MONO (LEFT + RIGHT)**

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.

**REFERENCE:**

* To protect your DVD player, the time between two consecutive Power button operations must be more than 30 seconds.
* If you are not planning to use the player for an extended period of time, please unplay it from the power source.
* The player may not be compatible with some encrypted discs.
* If the player stops playback by accident, please power it on again.

## 7. Technical terms

**TITLE:** For a DVD disc, TITLE is defined as a long complete segment of image or music or a movie. Each title has a number that makes it easy to search.

**TRACK:** The image or music of a VCD or CD is called a TRACK. Each track has a number for search.

**CHAPTER:** A CHAPTER is smaller than a little on DVD. It is defined as a long complete segment of image or music or a movie. A title is made up of several chapters, and each chapter has a number for search.

**CAPTION:** The text displayed at the bottom of the screen, generally a translation of dialogue, also recorded in the disc.

**ANGLE:** Some DVD discs contain scenes filmed from different angles. On these discs the user can watch a same picture from different viewing angles.

## 8. Troubleshooting

**No sound**
· Check if the unit is connected properly to other parts of the
· system including amplifier or TV.
· Make sure you operate the TV or amplifier correctly.
· Make sure the system setting is correct.

**Disc can not be played**
· Make sure the disc has been properly placed in the tray, label side OP.
· Check that there is only disc in the tray.
· Make sure the disc is clean.

**Remote control does not work**
· Remove the batteries from the remote control. Replace with new batteries.
· Point the remote control at the remote control sensor of the unit.

**Twisting image**
· Check if the disc is scratched or dirty and clean, if necessary.
· This player is controlled by a micro computer. If any trouble occurs, please turn off the power and turn it on again about 10 minutes later.

**Button does not work**
· This may caused by unstable electricity current or other abnormal trouble. Please turn off the power, and turn it on again about 10 minutes later.

## 9. Specifications

Playable discs: DVD/SVCD/DVCD/VCD1.0,1.1,2.0(micro laser
           video/audio disc) CD-DA(common music laser
           CD), MP3 audio disc, CD-R,CD-RW.
Video format: MPEG1, MPEG2, MPEG4.
Audio format: MPEG1, MPEG2, PCM, DOLBY DIGITAL, analog
           stereo.
Signal output: video signal: NTSC or PAL
        video: $1.0Vp-p\pm0.1v$
        audio: $mixstereo2Vp-p\pm0.2v$
Output interface: RCA output, high-resolution system(S-VIDEO)
           output, coaxial digital output
Power voltage: DC9.5-14v
Power consumption: 15W
Frequency response: DVD: 20Hz-20KHz
Audio signal/noise ratio: $\geqslant80dB$
Product dimension: 6.1"W x 5"D x 1.9"H

## 10.Compatible disc formats

| Types of Discs | Diameter | Playback Time | Data Format | Remark |
|---|---|---|---|---|
| DVD | 12cm | 1 layer: 120min / 2 layers: 240min | DVD Format Disc: Compressed Digital Audio Compressed Digital Video （Moving picture） | |
| SVCD | 12cm | 45min | MPEG2 Compressed Digital Audio Compressed Digital Video （Moving picture） | Include: SVCD、CVD |
| VCD | 12cm | 74min | MPEG1 Compressed Digital Audio Compressed Digital Video （Moving picture） | Include: VCD2.0、 VCD1.1、 VCD1.0、 DVCD |
| CD | 12cm | 74min | CD-DA: Digital Audio | |
| HD-CD | 12cm | 74min | HD-CD: Digital Audio | |
| DTS-CD | 12cm | 74min | DTS-CD: Digital Audio | |
| MP3/JPEG | 12cm | 600min | Compressed Digital Audio | |
| WMA | 12cm | | Compressed Digital Audio | |

Note:
DVD-R、DVD+R、DVD-RW、DVD+RW、CD-R、CD-RW discs and USB Storage
Device can be played in this DVD player.

# Handling discs
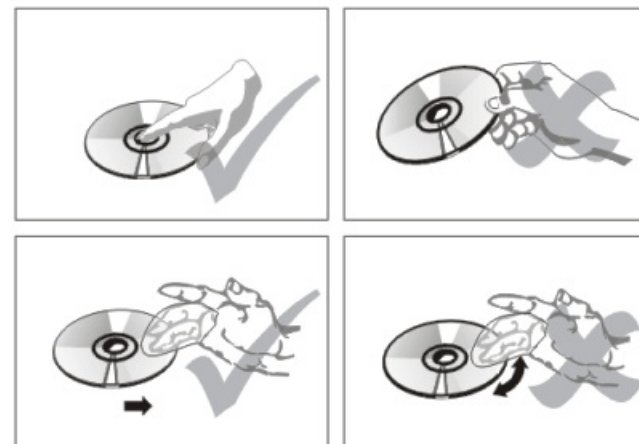


### How to hold disc

Do not handle the surface of the disc.

### When there are stains on the face of disc

To clean a dirty disc, use a clean, lightly-moistened lint-free cloth.
Use a similar (but dry) cloth to dry it. ALWAYS clean the disc from the
center point out (do not rub in a circular motion).
If disk is brought from a cold environment to a hot one, there
could be condensation on the face of disk. Wipe with a dry, soft, smooth
cloth before using.

## Precautions for handling discs

Don't write on the labeled side of the disc with a ball point pen.
Don't use any from of chemical cleaning preparation for cleaning the
discs.
Don't put labels or notes on the disc. They may leave residues which
interfere with playback.
Don't use scratch-repair glazes on the discs, as they may leave residues
in the player.
Don't store the discs in hot, moist or dusty locations.