



# Instruction Manual

HIGH DEFINITION DVD PLAYER

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



**CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. PREFER SERVICING TO QUALIFIED SERVICE PERSONNEL.**



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated dangerous voltage within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

Note: Where the mains plug is used as the disconnect device, the disconnect devices shall remain readily operable.



Laser product symbol: located on the rear panel of the unit, indicate this player is a class laser product, only use weak laser and no hazardous radiation outside of the unit.

1. Read through this instruction manual before installation and use.
2. Do not touch the power plug with wet hand.
3. Switch off the main power when the unit is not in use. (Disconnect the power plug from the power outlet when you do not intend to use the unit for a prolonged period of time.) Before moving the unit, remove the disc from the unit tray first.
4. Do not open the cover or touch any of the components exposed out of the unit, only for qualified technicians.
5. Do not expose the unit under direct sunlight or nearby objects that radiate heat to avoid damage the unit.
6. Do not place the unit in moist and humid conditions, which effect the pick-up of the unit lead to out of work.
7. Place the unit on a flat surface and ventilative condition. Please ensure the ventilation holes are not covered to avoid overheating and malfunction.
8. Clean the panel and case with soft dry cloth only, do not apply any kind of thinner, alcohol or sprays.
9. The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.
10. unplug the apparatus when not using for a long time oriented to disconnect from the mains power.

#### **Macrovision:**

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 is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

#### **DOLBY PRO LOGIC:**

Manufactured under license from Dolby Laboratories.

Dolby, Pro Logic, and the double-D symbol are trademarks of Dolby Laboratories.

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## 1. PRECAUTIONS

Before using this unit, be sure to read the applicable items of the operating instructions and these safety suggestions carefully.

Afterwards keep them handy for future reference. Take special care to follow the warnings indicated on the unit itself as well as in the operating instructions.

### Safety

**Power Source**—The unit should be connected to power supply only of the type described in the operating instructions or as marked on the unit.

### Environment

1. Water and moisture do not use this unit near water.

For example, near a bathtub, wash bowl, swimming pool, or the like. Damp Basements should also be avoided.

2. Condensation—moisture may form on the lens in the following conditions.

Immediately after a heater has been turned on.

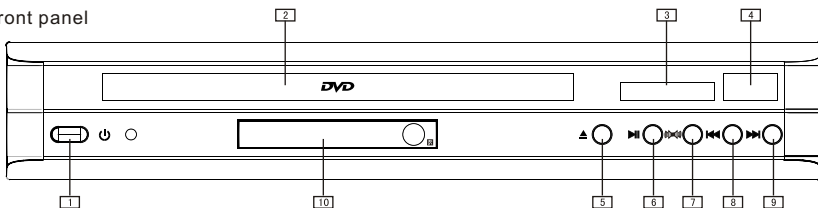
In a steamy or very humid room. When the unit is suddenly moved from a cold environment to a warm one. If moisture forms inside this unit, it may not operate properly, this problem wait about one hour for the moisture to evaporate.

3. Heat never use or place this unit near a heat source.

Do not leave it in an automobile exposed to direct sun light for a long time with the doors and windows closed as this may deform the cabinet.

## 2. FRONT PANEL AND REAR PANEL ILLUSTRATION

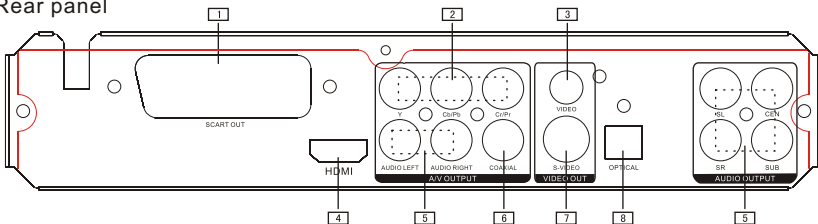
Front panel



1. POWER SWITCH
2. DISC TRAY
3. 3 IN 1 CARD
4. USB
5. OPEN/CLOSE

6. PLAY/PAUSE
7. L/R AUDIO
8. PREV
9. NEXT
10. LED DISPLAY

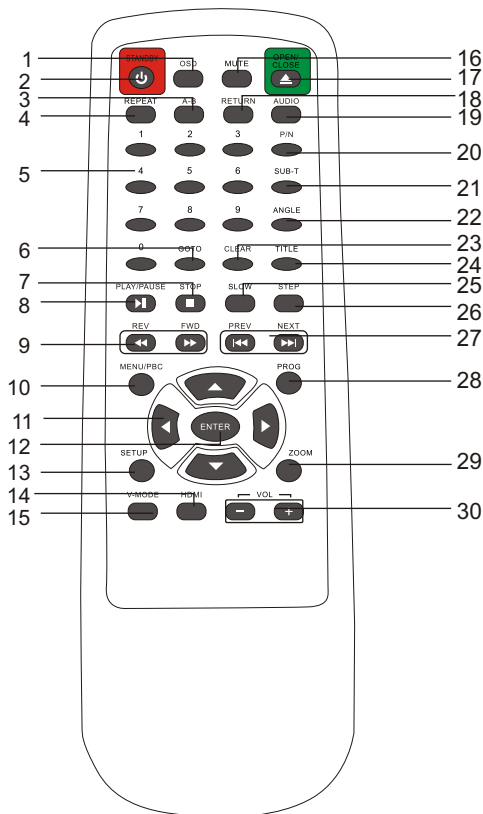
Rear panel



1. SCART OUTPUT
2. Y, CB/PB, CR/PR OUTPUT
3. VIDEO OUTPUT
4. HDMI OUTPUT

5. 5.1 CHANNELS OUTPUT TO SPEAKERS
6. COAXIAL OUTPUT
7. S-VIDEO OUTPUT
8. OPTICAL OUTPUT

### 3.REMOTE CONTROL



1. OSD
2. STANDBY
3. A-B REPEAT
4. REPEAT
- 5.NUMBER BUTTONS
6. GOTO
7. STOP
8. PLAY/PAUSE
9. FAST REVERSE/FAST FORWARD
10. MENU/PBC
11. UP/DOWN/LEFT/RIGHT
12. ENTER
13. SETUP
14. HDMI
15. V-MODE
16. MUTE
17. OPEN/CLOSE
18. RETURN
19. AUDIO
20. P/N
- 21.SUB-T
22. ANGLE
23. CLEAR
24. TITLE
25. SLOW
26. STEP
27. PREVIOUS/NEXT
28. PROGRAM
29. ZOOM
30. VOLUME +/-

#### Using the Remote Control

Unless stated otherwise, the remote control can operate all the features of the DVD Player, always point the remote control directly at the remote sensor on the front of the DVD Player, not the TV.

#### Battery Installation

Remove the battery compartment lid on the rear of the remote control by sliding the lid down, then off. Place two AAA batteries inside the battery compartment with their ends aligned as indicated. Do not mix old and new batteries or different types of batteries. Relace the battery compartment lid, Slide the lid until you hear it click into place.

#### Note:

The buttons of P/N and Goto are only workable while stop situation. In stop state, you can press GOTO key and choose card or USB.

## 4.CONNECTIONS

Turn off the power before connection.

Turn on the power after finishing connection.

Wires must be firmly connected;especially the plug shall be fully inserted.

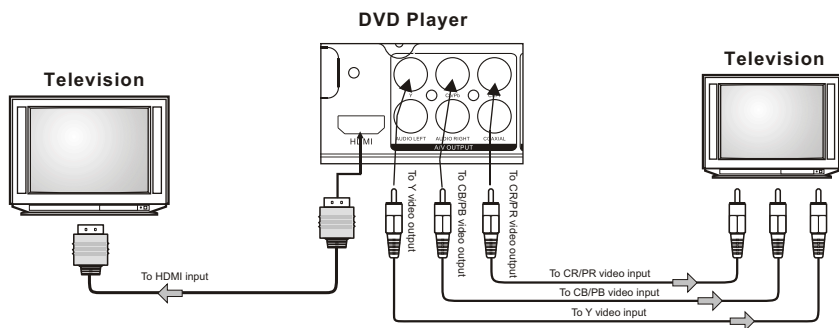
### DVD+TV

#### Notes:

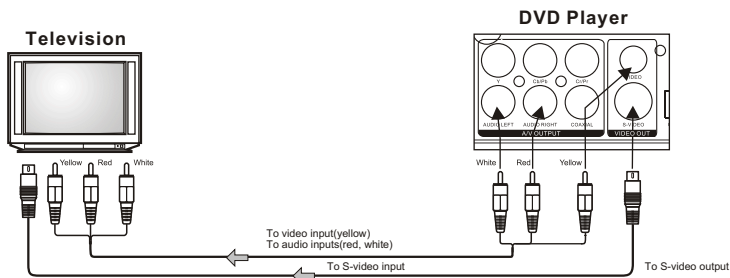
There are the following ways of connecting the player AV output to the TV set:

- S-video cable and left/right audio cable (set the video type to **component**)
- Composite video cable and left/right audio cable
- Component video cable and left/right audio cable (set the video type to **component**, if you connecting a progressive scan TV set, please set the video type to **P-Scan**)
- HDMI cable (press V-MODE button to switch the video mode and set the video type to **HD**)

#### Connecting to a devices with HDMI faucet and YUVHD mode



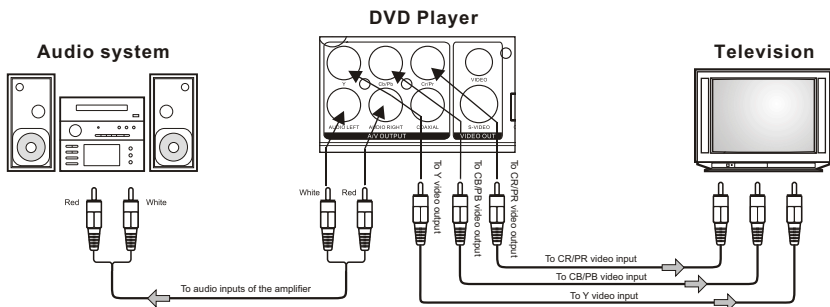
#### Connecting to a TV with Audio/Video cable



If the TV has an S-video input, connect the DVD player with an S-video cable.

When using an S-video cable, do not connect the yellow video cable.

## Connecting to a audio system and TV equipped with YUV video input



The setup by default of this player is CVBS output, to change to HDMI or other, please setting on the SETUP MENU.

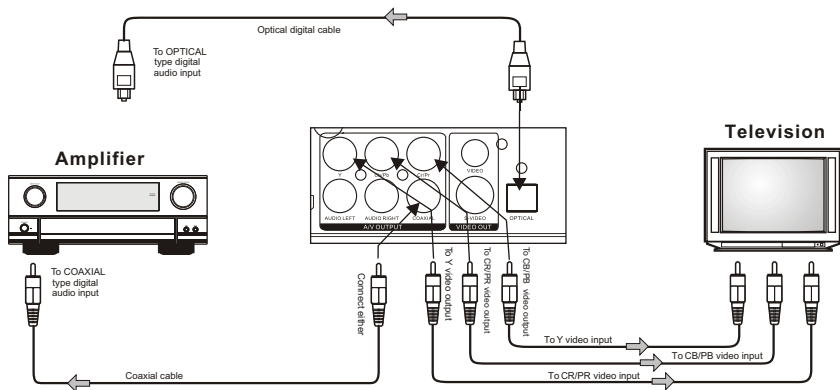
## DVD+AV Amplifier:

### Notes:

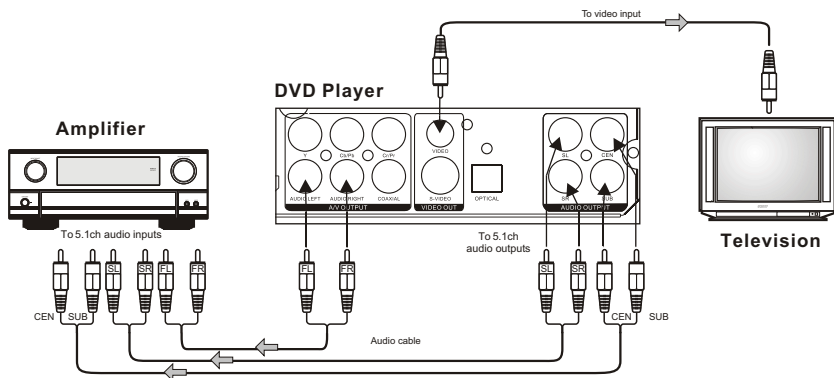
There are the following ways of connecting the player with amplifier:

1. coaxial audio output
2. left/right audio output

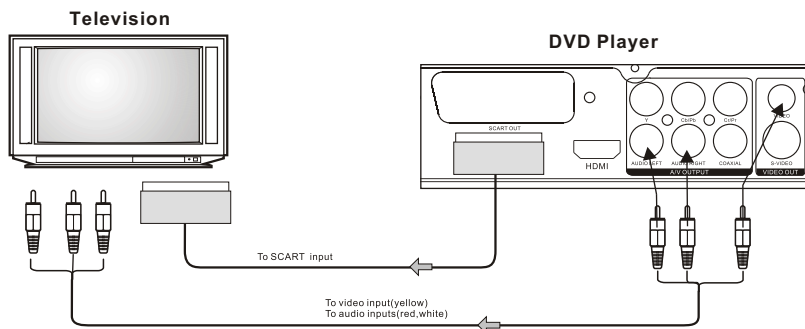
## Connecting to an amplifier equipped with a digital audio input and TV



## Connecting to an amplifier equipped with 5.1ch audio input and TV



## Connecting to a TV with Audio/Video cable and SCART mode.



### Warning:

Do not connect any amplifier with coaxial connector that does not contain Dolby digital AC 3 or DTS decoder. Any attempt to do so and play of DVD disc will result in damaging your speakers and causing possible hearing injury. Other than DVD disc, VCD and CD can be operated normally without conforming to the above restriction.

### Setting of TV system

If you find the image like non-fully zoomed picture, brim picture covered or black & white picture etc, please select PAL or NTSC by systems setting or press P/N button to switch the TV system on the remote control. This DVD disc is capable of supporting different scales picture, as a result, non-full zoomed picture could appear or picture be partially covered on users TV set.

## 5. CD & MP3 PLAYING

MP3 is a method to compress the voice signal with a scale of 12:1 with international standard MPEG layer 3 audio compressing mode. Adopting MP3, one disc can record more than 600 minutes audio frequency or 170 songs, with the similar timbre with CD.

The player will automatically play the first song(file) in the menu. You can use number keys to select your favorite song(file). Press arrow keys to select the file, and the cursor will move at time, press ENTER to confirm, the player will play this song selected by cursor in the file window.

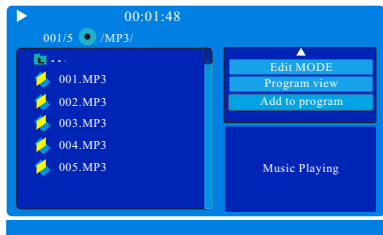
### PROG

1. Put in a MP3/CD format disc.

2. There is edit mode, at the right of the list, Press Enter to choose Edit mode, first, then press Enter, to choose the song which need to program playing in the list, please move the cursor to the add to program, at the right side, then press Enter, to confirm it, it's ok. Please move the cursor to the program list to choose program playing.

3. To clear the program, it must be in the stop status and after chosen the song which need to clear, then move the cursor to the Clear to program, then press Enter to confirm it, it's ok.

Press this button and the screen will display info window, press digits button to input the program number what you want, when finished, move the cursor to select the START logo at this time the unit will start program playback and the screen will display PROGRAM logo.



## 6. KODAK PICTURE CD PLAYBACK

**A Kodak picture CD has the size and shape of a regular CD.**

1. The max size of JPEG picture can be supported: 3840x3840 ples.

2. JPEG stands for joint picture experts group. It is a compressing standard. It is the first international standard on still picture compressing: ISO10918-1 constituted by the committee on still picture compressing standard of ISO. The pictures on kodak picture CD are stored in this format (JPEG). This player can decode the JPEG picture in kodak picture CD and playback the picture in different modes.

### Operation instructions:

1. Press PAUSE key to stop playing.

2. Press PREV or NEXT to select.

3. You can use number keys to select a special picture.

### Image rotation

There are three modes to rotate a picture: 90cw, 180cw, 90ccw. Those operations are allowed only when a picture is being displayed normally and will be cancelled automatically when a new picture is display. Press ANGLE repeatedly, you can select the different rotation modes: original, 90deg cw, 180deg cw, 90deg ccw.

Image Zoom. Press ZOOM key under any picture playback, may realize the picture zoom function. Zoom in to: 1X, 2X, 3X.

## 7.SYSTEM SETUP

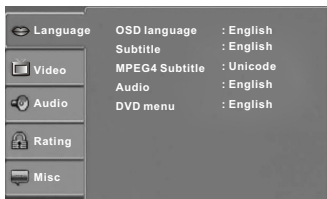
### DVD menu setup

Press the SETUP button on the remote control, the SETUP MENU(main) will be displayed. After accessing the setup menu, press the direction buttons for up and down movement to select an item desired, then press the ENTER button to confirm. Press LEFT direction button return to the menu of upper level.

To exit the setup, press the SETUP button again. In the SETUP MENU, you may choose any of the following options as you like.

### 7.1 LANGUAGE SETUP

Select Language in the setup menu, and display the Language submenu:



#### 7.1.1 OSD Language

Use this item to select the language of the setup menu and screen display.

#### 7.1.2 Subtitle

This option provides the preset subtitle language.

Follow the operating instructions stated in DVD MENU SETUP in combination with the desired option.

#### 7.1.3 MPEG4 Subtitle

MPEG4 Subtitle settings is used for choosing the language domain, (only for MPEG4). After select one language domain (alphabet), when playback a Divx with external subtitle, the subtitle display will use this language alphabet. if you find the displaying subtitle aren correctly, please ensure the external subtitle language and select the correct language.

#### 7.1.4 Audio

Follow the operating instructions stated in DVD MENU SETUP in combination with the desired option. This option provides the built-in disc dubbing language options.

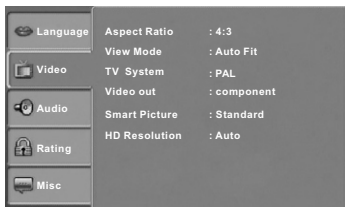
#### 7.1.5 DVD Menu

This option provides the films menu language options.

Follow the operating instructions stated in DVD MENU SETUP in combination with the desired option.

### 7.2 VIDEO SETUP

Select Video in the setup menu, and display the Video submenu:



### 7.2.1 Aspect Ratio

**4:3** :Choosing this setting if your DVD player is connected to a normal ratio TV. You can fill the movie the entire screen of your TV. This might mean that parts of the picture (the left and right edges) won't be seen.

**16:9** :Choosing this setting if your DVD player is connected to a wide screen TV. If you choose this setting and you do not have a wide screen TV, the images on the screen may appear distorted due to vertical compression.

#### Notes:

The image display ratio is related to the recorded disc format. Some discs 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.

### 7.2.2 View Mode

With this option you can select the different video vision mode on the screen.

### 7.2.3 TV System

This product supports output of various systems, including NTSC, PAL. If your TV set has only NTSC or PAL system, the screen will blink and become colorless when a wrong system is selected. In this case, press the N/P button on the Remote Control to switch the TV System.

**Note:** For more information of output format, refer to the instructions or your TV set.

### 7.2.4 Video Out

Selecting the Video Output setting to switch between different video outputs

**S-Video:** Set the video output to S-Video output

**Component:** Set the video output to interlacing component output.

**P-Scan:** Set the video output to progressive component output

**HD:** Set the video output to high definition output

**RGB:** Set the video output to SCART output

**Note 1:** When the player is connected to a TV set of progressive scanning through YPbPr, select P-SCAN. When it is connected to a common TV set, select Component.

If TV screen has no output after selecting P-SCAN, you can press V-MODE button to switch the state, it will output normally. If you select HDMI connection, you should set up the play mode as HD state, then it will output normally.

**Note 2:** Set video output type to (Component) or (P-SCAN)

1. HD resolution menu should be disabled.

2. HDMI should stop working

3. HD JPEG mode menu should be disabled.

**Note 3:** Set video output type to HD

1. HD resolution menu should be enabled and set to Auto responding to dis action.

2. HDMI key is valid to switch HD resolution only at this case.

3. HDMI module can work only at this case.

### 7.2.5 Smart Picture

To select different image brightness output mode

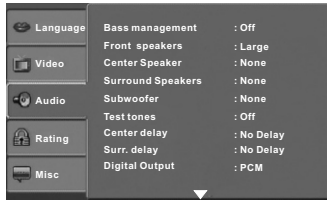
### 7.2.6 HD Resolution

Used to set the resolution of HDMI image output. In this option, you can select different HDMI image resolution.

**Note:** If TV screen has no output after selecting HD Resolution, you can press SETUP once then press V-MODE button or restart the player and press V-MODE button to switch the state, it will output normally.

## 7.3 Auto setup

Select Audio in the setup menu, and display the Audio submenu.



### 7.3.1 Bass Management

To enable or disable the Bass Management during operation of the player.

On = Enable the Bass Management.

Off = Disable the Bass Management.

### 7.3.2 Front Speaker

To adjust the front speakers output to work in harmony with the audio equipment (e.g. receiver, speakers) connected to the player.

When Bass Management is On, the following options are available:

Large : Support signal frequency lower than 200Hz

Small : Support signal frequency higher than 200Hz

If the connected speaker supports signal lower than 200Hz, it is best to select

Large. If not, you shall select Small.

### 7.3.3 Center Speaker

Selection of Large or Small is same with that of front speaker. The speaker will have no signal output if set to None.

Notes:

If the Subwoofer is On, Center is set to None or Small, and bass from the center channel

is redirected to the subwoofer. If the content contains a discrete subwoofer channel, it is also sent to the subwoofer. If the Subwoofer is Off, Center is set to None or small, and bass from the center channel is redirected to the left and right channels. If the content contains a discrete subwoofer channel, it is discarded.

### 7.3.4 Surround Speaker

Selection of Large or Small is same with that of front speaker. The speaker will have no signal output if set to None.

Notes:

If the Subwoofer is on, Surround is set to None or Small, and bass from the surround channels is redirected to the subwoofer. If the content contains a discrete subwoofer channel, it is also sent to the subwoofer.

If the Subwoofer is Off, Surround is set to None or Small, and bass from the surround channels is redirected to the left and right channels. If the content contains a discrete subwoofer channel, it is discarded.

### 7.3.5 Subwoofer

Selecting to enable/disable the subwoofer output when 6 Channel analog output is used.

The following options are available:

None Subwoofer is off. Bass from center and surround channels is redirected to the left and right channels. If the content contains a discrete subwoofer channel, it is discarded.

Present Subwoofer is on. Bass from center and surround channels is redirected to subwoofer.

If the content contains a discrete subwoofer channel, it is also sent to the subwoofer.

**Note:**

Bass Management is not available for MP3 or WMA bitstream; therefore, it will be disabled during the playback of those streams.

### 7.3.6 Test Tone

Selecting the Test Tone setting allows the user to test the player's audio output on each speaker.

When you select channel, a short burst of pink noise will be sent to corresponding channel.

### 7.3.7 Center Delay

Selecting the CenterDelay setting allows the user to enable/disable the center output delay.

### 7.3.8 Surr. Delay

Selecting the Surr. Delay setting allows the user to enable/disable the center output delay.

### 7.3.9 Digital output

Selecting the Digital Output setting allows the user to adjust the audio output on S/PDIF ports to work in harmony with the audio equipment (e.g. receiver, speakers) connected to the player.

**Off:** Digital audio output is disabled.

**PCM:** Select this option when you are going to use stereo signals (2 channels). You should combine this option with the option Lower sampling rate, which we explain further on

**All:** If you select this option the player will use the DVD original audio track. Use this option when you want to use the Dolby Digital AC3 signals through the optical or coaxial audio output.

**Notice:** In HDMI mode, Digital output is automatically set to Locked PCM.

### 7.3.10 Night Mode

### 7.3.11 Down Sampling

To enable or disable the down sampling during operation of the player

**On:** enable the Down Sampling this operation will set down Audio Sampling frequency

**Off:** disable the Down Sampling

### 7.3.12 Smart sound

## 7.4 RATING SETUP

Select <Rating> in the setup menu, and display the Rating submenu:

**Note:** Not all DVDs support ratings.



### 7.4.1 Parental Control

Selecting a Rating allows the user to set the parental control feature of the player select Parental Control, and press ENTER to change the different mode.

**Note:** Unlock the password before setting Parental Control

### 7.4.2 Set Password

Use the 0-9 keys to input four digits (password), then press ENTER to confirm.

**Note:** If you forget your password, please use the universal password 8888 to unlock.

## 7.5 MISC SETUP

Select MISC in the setup menu, and display the submenu:



### 7.5.1 Use Default Settings

Reset setup data to factory default and re-load disc

### 7.5.2 Screen Saver:

**On:** Screen Saver function will be opened.

**Off:** Screen function will be closed.

## 8.Troubleshooting

Please read the users manual carefully before using the DVD player.If you have any troubles in using this player,try to solve the problems by the suggestions mentioned below.If you can not remove the trouble after using all the suggestions,please contact the company or the technical service center authorized by us.For the sake of your safety,please do not open the cover and repair the player by yourself,if that,if may cause electric shock.

### **NO PICTURE, SOUND AND INDICATION**

- 1.Ensure that the power switch is on.
- 2.Ensure that the wall inlet is ok.
- 3.Ensure that the power cord is not damaged.
- 4.Ensure that the power plug is connected to the inlet tightly.

### **NO SOUND BUT HAVE PICTURE**

- 1.Ensure that the players audio output has a good connection with Tvs audio input.
- 2.Check whether the audio connector is damaged.
- 3.Check whether you have turned down the volume.
- 4.Ensure that you have set the right AUDIO setup of the player.
- 5.Ensure that you have turned your TV to the AV input channel connecting to your Player.
- 6.Ensure that the audio is not under mute.

### **NO PICTURE BUT HAVE SOUND**

- 1.Ensure that the player s-video output has a good connection with TVs-video input.
- 2.Ensure that you have turned your TV to the AV input channel connecting to your player.
- 3.Check whether the video connector is damaged.
- 4.Ensure that you have set the right VIDEO settings of the player.

### **BLACK AND WHITE PICTURE OR SCREEN ROLLING**

- 1.Ensure that you have set the right TV SYSTEM(e.g.PAL,NTSC)setting.

### **FLAWS OF PICTURE OR SOUND.**

- 1.Check whether the setting of AUDIO is right.
- 2.Check whether the disc is scratched or stained.
- 3.Check whether the AV connector and the output terminal is stained.

### **DISPLAY NO DISC**

- 1.Ensure that you have put the disc on the tray.
- 2.Check whether the disc is put in the reverse side.
- 3.Check whether the disc is distorted.
- 4.Check whether the disc is stained or scratched badly.

### **DISPLAY BAD DISC**

- 1.Check whether the disc has bad quality.
- 2.Ensure that the disc is not stained or damaged badly.
- 3.Ensure that the disc format is compatible to the player.
- 4.Ensure that the disc is not deformed.

### **REMOTE CONTROL IS INSENSITIVE OR DOES NOT WORK**

- 1.Check the batteries of remote control and make sure that they are to be powerful and good conductivity.
- 2.Direct the remote control to the IR sensor of the player.
- 3.Check whether there are some obstacles between the remote control and IR sensor.

### **ABNORMAL FUNCTION OPERATION**

- 1.Turn off the power, and then turn on again.

### **DISC IS LOCKED IN THE TRAY**

- 1.The disc cannot be taken out of the tray when the player is reading,so you have to turn off the power and turn on again, and press OPEN/CLOSE key immediately to open the tray.

## 9. Technical specifications

Signal system	PAL/NTSC
Frequency Response	20Hz-20KHZ(at 1KHz 0 dB)
Signal-toNoisy Ratio(Audio)	$\geq 90$ dB(at 1KHZ0dB)
Audio Distortion + Noise	$\leq -60$ dB (at 1KHz0dB)
Audio Output (Analog audio)	2.0 <sup>+0</sup> <sub>-1.0</sub> Vrms
Video Output	Composite:1.0 $\pm$ 0.2Vp-p Load impedance:75 $\Omega$ ,Imbalance,negative polarity
Power Supply	$\sim$ 110-240 50/60Hz
Supported Disc	DVD/SVCD/VCD/CD/MP3/Kodak Picture/Photo CD
HDMI	SDTV: 480i,480p,576i,576p HDTV:720p,1080i,1080P

### PEFERENCE:

To protect your DVD player, the interval between two consecutive Power button operations must be above 30 seconds.

No using for a period of time, please pull out the plug from the electronic outlet.

The player should be operated only on condition that the type of power supply corresponds to the marking label. Otherwise, it does not work or even be damaged.

The player may not be compatible with some encrypted discs.

If the player stops playback by accident, please power it on again.

Appearance and function is subject to change without notice.

