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# USER MANUAL



Half Din mounting multimedia player  
DVD/MP4/VCD/MP3/WMA/JPEG/  
CD/CD-R/CD-RW PLAYER  
with USB/SD SLOT

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## Cautions:

- Keep lower volumes to concentrate on traffic and road conditions for safety driving.
- When washing car keep Car DVD AV System (including speaker and disc) from water or damp in order to avoid electric shorts or other damages.
- Maintenance consisting of delicate components, please avoid random disassembling or adjusting any parts. If requiring repair, please go to nearby Professional Maintenance Center for an inquiry.
- This unit is for car with a 12-volt battery and negative grounding.
- Laser Disc System  
Do not put little objects like coins into the product.  
Do not place screwdrivers or other metals near disc or laser Disc Player.
- Car ventilation  
Parking in direct sunlight for several hours will cause higher temperature in the car, So start the car first to cool down the internal temp, and then open the AV system.
- Preset Memory  
After cut off power supply, preset memory will disappear and the whole system will return to the prescribed state when delivering from the factory.
- Installation  
The unit should be installed horizontal with front side up less than 15°.
- Video system of a connected component  
This product is NTSC/PAL system compatible. When connecting other components to this product, be sure components are compatible with the same video systems. If it is not, images will not be correctly reproduced.

### Region numbers:

DVD players and DVD discs feature region numbers indicating the area in which they were purchased. Playback of DVD is not possible unless it features the same region number as the DVD player. This product's region number is displayed on the bottom of this product.

## Care of discs

- How to hold disc  
Do not touch the face of the information side.  
Do not scratch the disc.  
Do not bend the disc.  
When not in use, put away the disc.

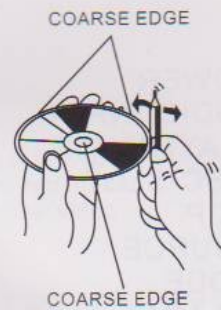


DON'T USED ABNORMITY DISC

- Do not use irregular and deformed discs.
- Do not leave the disc in following places:  
Direct sunlight  
Near car heaters  
Dirty, dust and damp areas  
Seats and dashboards

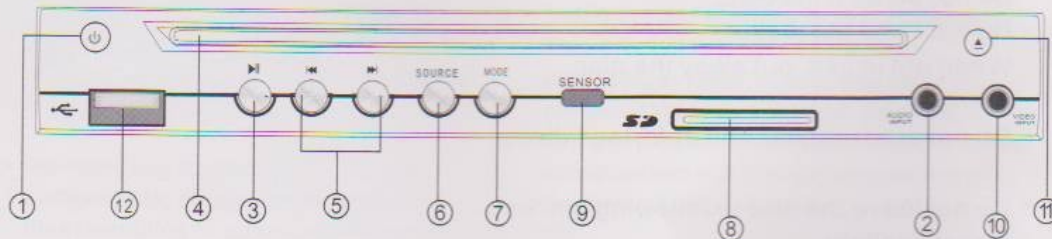
- Disc cleaning  
Use a dry and soft cloth to wipe from center to outward.

- Cautions on new discs  
Remove the inner and outer rough edges on new discs with a pencil, which may cause malfunctions.



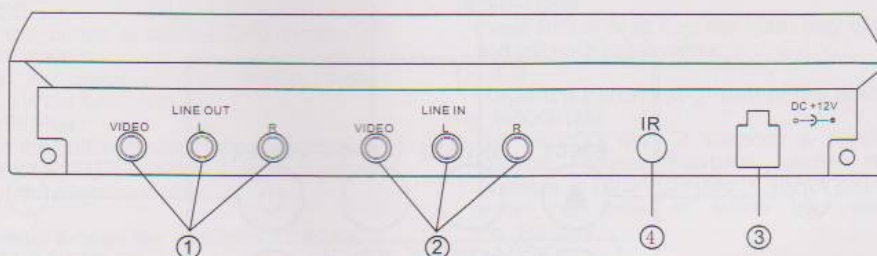
## Description

### Front Panel



- |                   |   |
|-------------------|---|
| (1) POWER         | Turn the power on/off.                                |
| (2) AUDIO INPUT   | Input the audio signal.                               |
| (3) PLAY/PAUSE    | Start play or pause play.                             |
| (4) DISC SLOT     | Insert disc here.                                     |
| (5) SKIP          | Skip to the next or previous scene.                   |
| (6) SOURCE        | switch among DVD,USB,and SD mode.                     |
| (7) MODE          | Switch among between DVD and AUX IN mode.             |
| (8) SD MMC CARD   | Insert SD/MMC card,press SOURCE button to start play. |
| (9) Remote Sensor | Receive signal from remote                            |
| (10) VIDEO INPUT  | Input the video signal.                               |
| (11) EJECT        | Press this button to EJECT.                           |
| (12) USB          | Insert USB ,press SOURCE button to start play         |

## Description



## OPTIONAL (A/V)

### Rear panel

#### 1. A/V OUT

Connect a video cable to video/audio output of auxiliary devices red-audio right/white audio left /yellow video

#### 2. AV IN

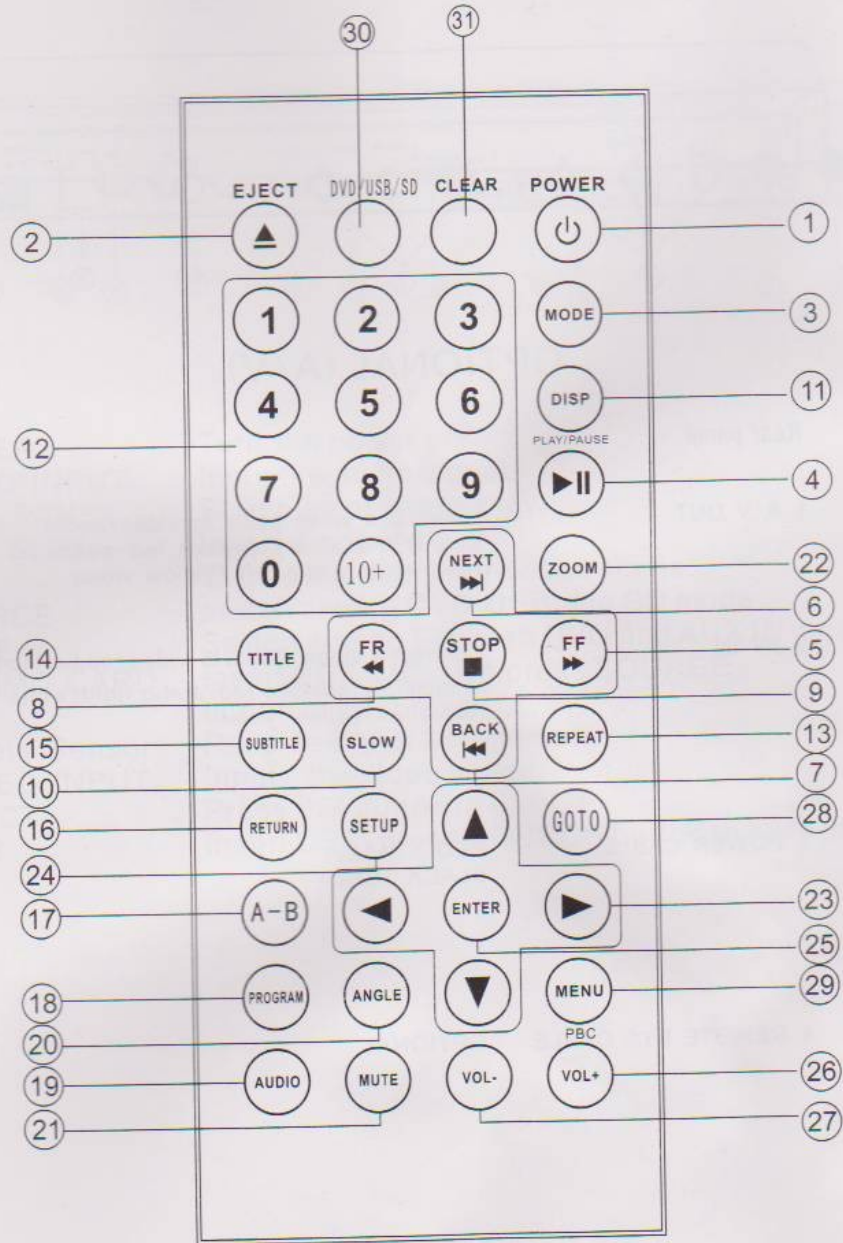
Connect a video Cable to video/audio input of auxiliary devices red-audio right/white-Audio left/yellow-video.

#### 3. POWER CABLE

RED (+12V)  
BLACK (GND)

#### 4. REMOTE EYE CABLE    OPTIONAL

## Description



## Description

1. **POWER**  
Press power button to turn On/Off the power
2. **Eject**  
use to insert or eject disc
3. **MODE**  
Use this button to choose DVD system or import system  
**Note:** No signal of video import, mode button is not functional.
4. **PAUSE/PLAY**  
Press the button to suspend the playback of CD,MP3,VCD,DVD, Press it again to return to normal playback mode.
5. **FF**  
Forwards through the dice from X2 to X4 , X8 to X20 faster.
6. **NEXT**  
Use to move to the next chapter(DVD) or track (VCD,CD,MP3)
7. **BACK**  
Move to the previous chapter(DVD) or track (VCD,CD,MP3)
8. **FR**  
Reverse through the disc.
9. **STOP**  
Stop the current disc playback.  
Press STOP to enter the resume stop mode.  
Press PLAY under the resume stop mode to resume the playback from the location where you stopped the playback previously.  
Press STOP two times consecutively to enter the clear stop mode.  
Use the clear stop mode, if PLAY is pressed, the disc will resume the playback from the beginning of the disc.
10. **SLOW**  
Forwards or reverse through the disc from 1/2X to 1/32X faster.
11. **DISP**  
Shows the information about title chapter of the disc when playing.
12. **Number Button**  
Use when making selection on menu screen  
The number button during the playing mode, you can select any track directly by using number button  
**Note:**VCD - PBC mode play, number button is not functional.
13. **Repeat**  
Press repeat if user wants to repeat the whole disc or a specific track/chapter of the disc.
14. **TITLE**  
In DVD playing mode.  
Press TITLE key to show all tracks title on TV screen. Then press NUMBER key to choose your desired track number and press ENTER key or PLAY/PAUSE key to start.  
**Note:**1. Not title display in MP3,CD mode.  
2. For choosing a desired language to press title key.
15. **SUBTITLE**  
Press SUBTITLE to bring up the subtitle information shown on the top right corner of the screen.
16. **RETURN**  
Press RETURN to stop the disc play back and get back to the menu.
17. **A-B**  
Repeat a certain segment of the disc.
18. **PROGRAM**  
For MP3/CD disc, it supports a special function: Program Playback, function not available in DVD/VCD disc. It allows you to enter the order in which you want the disc play.
19. **AUDIO**  
To select audio system.
20. **ANGLE**  
Press ANGLE one time to bring up the angle information shown on the top right corner of the screen. Each time you press ANGLE, the camera angle changes. When camera angle menu is not displayed, press ANGLE to bring up the camera angle menu forcefully
21. **MUTE**  
Turn off the sound.
22. **ZOOM**  
The ZOOM feature allows you to magnify a certain on the images recorded on the DVD,VCD and other image discs.
23. **UP/DOWN/LEFT/RIGHT**
24. **SETUP**  
Use to set various functions according to individual preference.
25. **ENTER**  
The UP/DOWN/LEFT/RIGHT and ENTER are driver selection you want to playback.
26. **VOL+**  
To increase the volume level.
27. **VOL-**  
To decrease the volume level.
28. **GOTO**  
Jump to the desired location of the disc.
29. **MENU / PBC**  
To enter into the main menu of DVD disc.  
When the disc control PBC,press this button to access various camera angles.
30. **DVD/USB/SD**  
After Plug in USB/SD,press this button to start playing or press this button to switch among DVD,USB,SD mode.
31. **CLEAR**  
To clear the input.



### Playing a disc DVD/MP4/DIVX/VCD/MP3/CD/JPEG

Turn on the player insert the DVD disc  
Make sure that the disc's label IS FACING UP.  
slide, into the slot, the disc is automatically played  
To stop press the button (STOP) .  
To stop temporarily press the button (PLAY/PAUSE) .  
To resume again press the button (PLAY/PAUSE) .

### Playing a MP3 file

Insert the disc.  
Make sure that the disc's label IS FACING UP.  
Slide, into the slot, the disc is automatically played.  
To stop press the button (STOP)  
To stop temporarily press the button (PLAY/PAUSE)  
To resume again press the button (PLAY/PAUSE)  
To replay a song you want  
1. press the button after choosing a song (track) you  
want by using arrow button. then the selected will  
start automatically.  
2. you can replay the song directly by entering the  
number of the song.

### Disc menu

You can select the following menu when menu is recorded in discs.  
To display recorded menu in disc DVD/VCD 2.0  
press the (MENU) button  
the menu recorded in discs appears.  
Menu appears differently depending on discs.  
On/off of PBC function are selected repeatedly each time you press the  
button (MENU)(VCD 2.0)  
CD.VCD1.1 does not have disc menu function.  
Press the arrow buttons to move to item you want. and press the (ENTER)  
button.

## DVD/USB/SD operation

When the power is on, press the mode button on the panel or remote control and enter the DVD status.

Insert the disc (only in the DVD status, the disc can be inserted/ejected), it plays automatically. When the system is reading the information from USB/SD, it plays the content from the disc automatically if the disc is inserted.

In the DVD status, the system can play when inserting the USB/SD with the files of DVD/DIVX/MP4/MP3/CD/JPEG format. If the system does not contain any disc inside while inserting the USB/SD. The content from the USB/SD will be played. If the system contains disc inside, press the SOURCE button on the panel or the DVD/USB/SD button on the remote control, to change the mode of playing.

## Operation of DVD Function

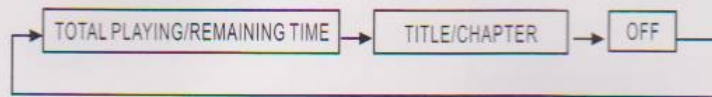
Press the mode button to change the system in the DVD status.

DVD plays disc: the DVD player can play all regions DVD discs and compatible with DIVX, MP4, VCD, CD, SVCD, HVCD, MP3, ETC.

Display control: the product is in loading status automatically, while the disc is inserted.

Songs selection: press **◀▶** buttons on the panel or the remote control to select the song to play. Or you can select the song by the Numerical buttons on the remote control. Press the MENU button on the panel or the remote or the remote control to go back to the main menu (DVD status)

When the disc is being played, the total playing and remaining time can be displayed by pressing the DISP button on remote control. By pressing the DISP button twice, the title and chapter of the disc can be displayed. To exit the wording interface, press the DISP button again.

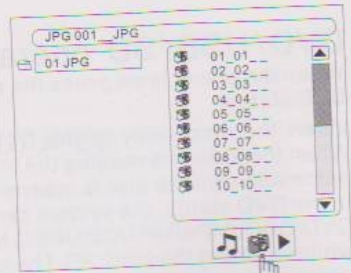


To repeat the song, the disc or not to repeat, press the REPEAT button on the remote control (in the DVD status).

For the disc or SD/USB containing different multimedia file formats (as shown in the right side picture), press the **◀▶▲▼** direction buttons on the remote control to select the music files indicated by the finger float. Then the files can be played by pressing enter, and played selectively by pressing **◀▶** button.



For the disc or USB/SD containing different multimedia files format (as shown in the right side picture), press the ◀▶▲▼ direction buttons on the remotecontrol to select the JPEG files indicated by the finger float then the files can be played by pressing enter, and played selectively by pressing |◀▶▶▶| button.

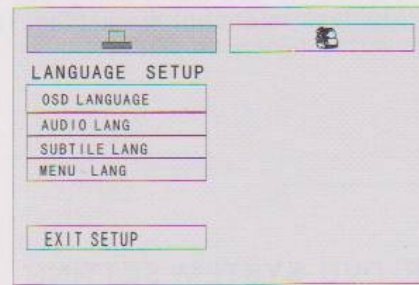


For the disc or USB/SD containing different multimedia files format (as shown in the right side picture), press the ◀▶▲▼ direction buttons on the remotecontrol to select the then the files indicated by the finger float then the files can be played by pressing enter, and played selectively by pressing |◀▶▶▶| button.

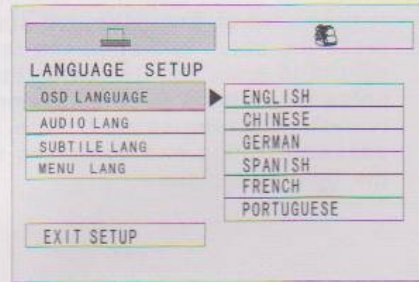


**DVD MENU SETTING**  
**A. LANGUAGE SETUP**

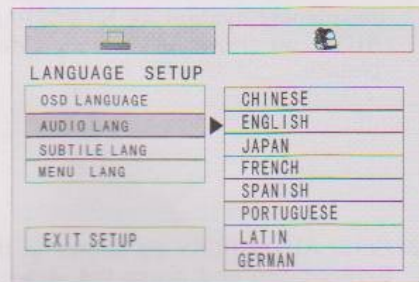
1. Press the mode button on the panel or remote control. Enter the DVD status and press the SETUP button on the remote control to enter the DVD SETUP status. Press the ◀ ▶ ▲ ▼ buttons to select the OSD language, AUDION LANG, SUBTILE LANG, MENU LANG AND EXIT SETUP. (shown as the right side picture)



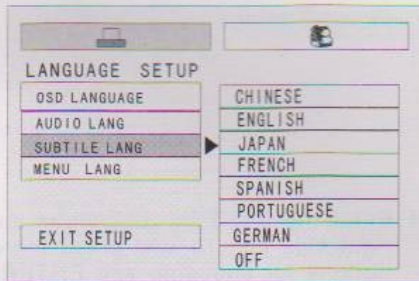
2. Enter OSD LANGUAGE and select the language display on the osd (shown as the right side picture)



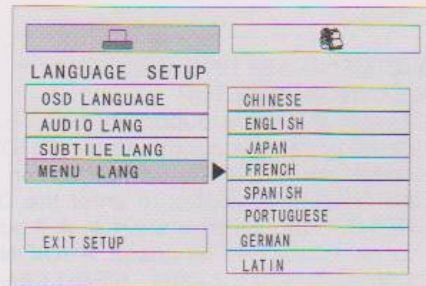
3. Enter audio lang (shown as the right side picture)



4. Enter subtitle lang and press the ◀ ▶ ▲ ▼ buttons on the remote control to select the language.

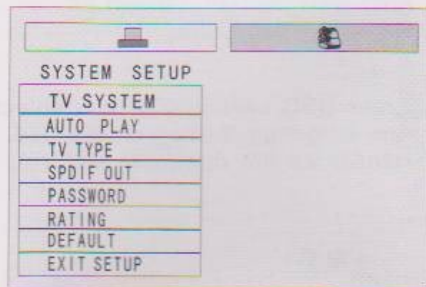


4. Enter the dvd menu and press the ◀ ▶ ▲ ▼ buttons to control the setting. (as shown in the right side picture)

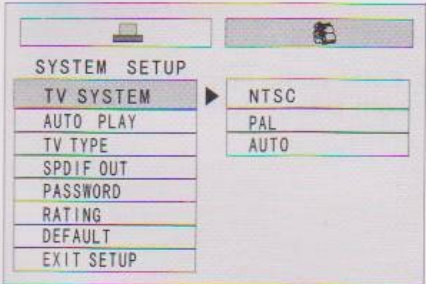


## B. DVD SYSTEM SETTING

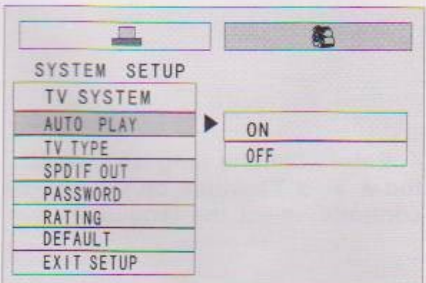
1. Press the mode button on the panel or remote control. Enter the dvd status, and press the setup button on the remote control to enter the dvd setup status. press the buttons to enter system setup, tv system, screen saver, tv type, spdif out, password, rating and default as shown in the right side picture.



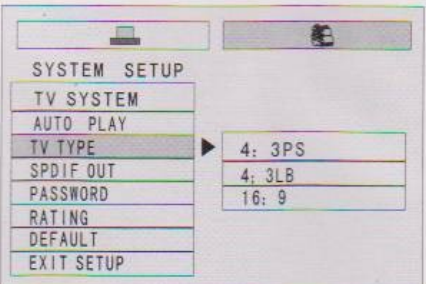
2. In TV SYSTEM, you can choose the display system as NTSC/PAL/AUTO, as shown in the right side picture.



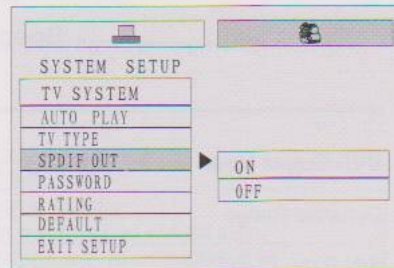
3. Enter AUTO PLAY as shown in the right Side picture and press the ◀ ▶ ▲ ▼ buttons for choosing ON/OFF and ENTER for confirming.



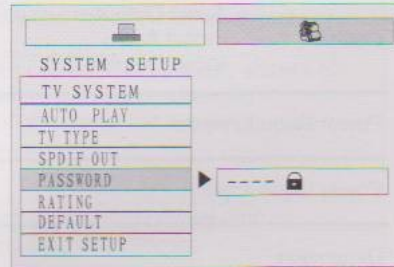
4. Enter the SYSTEM SETUP as shown in the right side picture. and press the ◀ ▶ ▲ ▼ buttons for choosing and ENTER for confirming



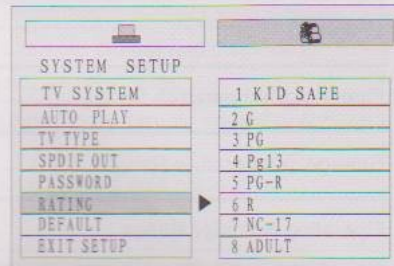
5. Enter the spdif OUT as shown in the right side picture. and press the ◀ ▶ ▲ ▼ buttons for choosing and ENTER for confirming



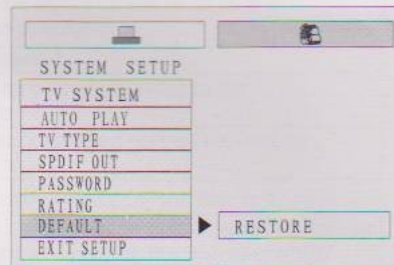
6. Enter the password as shown in the right side picture. and press the ◀ ▶ ▲ ▼ buttons for choosing and ENTER for confirming



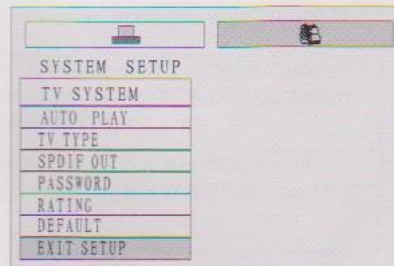
7. Enter the RATING as shown in the right side picture. when the disc has the parental lock, the program playing can be limited through the control of the guidance rating.



8. Select restore to become factory initial setting.



9. Exit DVD setup



## Specifications

DVD Output Mode	NTSC/PAL
Dynamic Range	90dB
S/N Ratio	100dB
Output	Audio Output Digital Audio Video Output
	1.0Vrms : Open 1.0Vp-p : Open 1.0vp-p : 75Ω
Power Requirements	DC 12V, 3A
Power Consumption	12W
Dimension	174(D) x 178(W) x 26(H)mm
Weight	1.85Kgs
Operating Temperature Range	0°C - + 55°C
Storage Temperature Range	-30°C - + 60°C
Operating Humidity Range	0% - 50%

## TROUBLESHOOTING

Make inquiries to a service center after tuning off the power if the same phenomenon occurs after treating as below.

In case that disc is running but an image does not appear or an image appears but the screen quality is bad and shakes.	*Confirm the power of the TV is on.
	*Confirm the connection is good.
	*Confirm the body is in a state of an instant stop.
	*Confirm the disc is stained with alien materials or damaged.
	*It can not be replayed when the manufacturing state of Disc is bad.
The quality of sound does not make even.	*During the replay there can be, in a moment, shakes of screen up-and-down when a screen is changed from dark scene to a bright scene, but it is not a breakdown and be reassured.
	*Confirm the connection with a Dolby digital amp. *Confirm the connecting plug is not loose. *Confirm the connecting terminal is not stained By Allen materials.
The remote control does not motion	*Confirm the angle of a remote control and distance is suitable and there is not any obstacles.
	*Confirm the flashlight battery of a remote control is enough.
An image or sound does not motion or a disc comes up after 2 to 5 seconds.	*Wasn't the product moved from a cold place to a warm place suddenly?
Replay does not act.	*In this case, after drawing out the disc, do not use 1 to 2 hours at the state of the power on.(if dew is disappeared, you can use again.)
	*Confirm the disc is inserted.
	*Confirm the disc is put correctly in order to the printed side is upside.
	*In case of a DVD disc purchased abroad can not be replayed.
No sound	*Confirm the regional code number of the disc is 1.
	*Don't you replay with a slow motion or a screen of a divided movements? (In the state replaying the speed-change screen, it does not sound.No sound
	*After confirming the connection, ascertain the SET UP is correctly established. *Didn't you put the disc upside down?(The printed side of the disc should be put upward.)(Wasn't the disc damaged excessively?)(Rub the disc cleanly.)
It is not run as the primary set-up of the product.	*The setup depends on the function of the disc(that of manufacture), the disc which has the same function as a setup menu is run.



I cannot choose a ratio of a screen	<p>*A DVD disc is manufactured as 16:9 wide, 4:3 Movie, and 4:3 screen according to a normal state of manufacture, a 16:9 wide disc can be seen as a 16:9 wide, 4:3 movie or 4:3 enlarged mode, and a 4:3 disc always provides a 4:3 screen.</p> <p>*After affirming a DVD disc case, choose the function in suit with an action and use. For reference a 4:3 standardized disc does not televise with a wide.</p>
Dolby digital 5.1 channel cubic sound does not sound.	*Dolby digital 5.1 channel cubic sound can be heard when it is matched to an exclusive dolby Digital amp, and the disc recorded as 'Dolby digital 5.1 CH' among DVD discs is only played.
Desirable spoken language and subtitles do not motion.	*Only language sounds and subtitles recorded on the DVD disc motion and are replayed according to the recording.
A screen angle does not motion during the replay.	*The reproduction of a screen angle can be modified only if photographing per each angle is recorded on a DVD disc, and it moves only in case that an indication of angle presents on the product and TV