

CAUTION: Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure. Please carefully study this manual and always keep it available. There are, however, some installation and

operation precautions which you should be aware of . (1) Read these instructions-All the safety and operating instructions should be read before the product is (2) Keep these instructions-The safety and operating instructions should be retained for future reference. (3) Heed all warnings-All warnings on the product and in the operating instructions should be adhered to.

(4) Follow all instructions-All operating and use instructions should be followed. (5) Do not use this apparatus near water-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.

(6) Clean only with dry cloth-Unplug this product from the wall outlet before cleaning. Do not use liquid or aerosol cleaners. Clean only with dry cloth. Exception: A product that is meant for uninterrupted service and that for some specific reason, such as the possibility of the loss of an authorization code for a CATV converter, is not intended to be unplugged by the user for cleaning or any other purpose, may exclude the reference to unplugging the product in the

cleaning description otherwise required in 131.8(5) 7) Do not block any ventilation openings. Install in accordance with the manufacturer's instruction-Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating, and these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to .

(8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

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

(10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus. Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the product. (11) Only use attachments/accessories specified by the manufacturer. Do not use attachments not

recommended by the product manufacturer as they may cause hazards. (12) Use only the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from

(13) Unplug this apparatus during lightning storms or when unused for long periods of time. Unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the product due to lightning and power-line surges.

(14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

(15) Power Sources- This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company. For products intended to operate from battery power, or other sources, refer to the

operating instructions. (16) Protective Attachment Plug-The product is equipped with an attachment plug having overload protection. This is a safety feature. See instruction manual for replacement or resetting of protective device. If replacement of the plug is required, be sure the service technician has used a replacement plug specified by the manufacturer that has the same overload protection as the original plug.

(17) Outdoor Antenna Grounding- If an outside antenna or cable system is connected to the product, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges. Article 810 of the National Electrical Code, ANS/NFPA 70, provides information with regard to proper grounding conductors, location or antenna- discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.

(18) Power lines- An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.

(19) Overloading- Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock. (20) Object and Liquid Entry- Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.

(21) Servicing -Do no attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel. (22) Replacement Parts-When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric, or other hazards.

(23) Safety Check- Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.

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 risk of electric shock to persons.

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

WARNING: To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture. Dangerous high voltage is present inside the enclosure. Do not open the cabinet. **CAUTION:** To prevent electric shock, match wide blade plug to wide slot, and fully insert. CAUTION: This Digital Video Disc Player employs a laser System. To prevent direct exposure to the laser beam, do not try to open the enclosure. When open and the interlocks are defeated,

visible laser radiation is present.

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure. DO NOT STARE INTO BEAM. FCC NOTICE: This equipment has been tested and found to comply with the limits for a Class B digital device. Pursuant with the FCC Rules,Part 15. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in

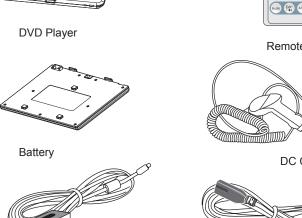
accordance with the instruction may cause harmful interference to radio communication. This product incorporates copyright protection technology that is protected by U.S. patents and other intellectual property rights. Use of this copyright protection technology must be authorized by Macrovision, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision. Reverse engineering or disassembly is prohibited.

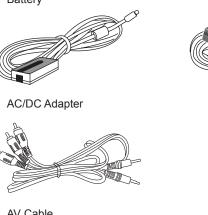
Table of Contents

IMPORTANT SAFETY INSTRUCTIONS

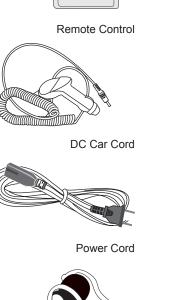
SAFETY INFORMATION TABLE OF CONTENTS	·
UNPACKING	1
NOTE ON DISC	2
IDENTIFICATION OF CONTROLS	3-5
CONNECTIONS(Connecting to a TV)	6
CONNECTIONS(Connecting to an amplifierequipped with a Dolby Pro Logic Surround)	
PREPARATIONS BEFORE OPERATION	
PLAYING A DISC.	11
FUNCTION BUTTONS	12-15
SETUP MENU	
CUSTOM SETUP	17
TROUBLE SHOOTING	10













The DVD player can play back the following discs In addition, this unit can play back a CD-R, or CD-RW that contains audio titles or MP3 files. You cannot playback discs

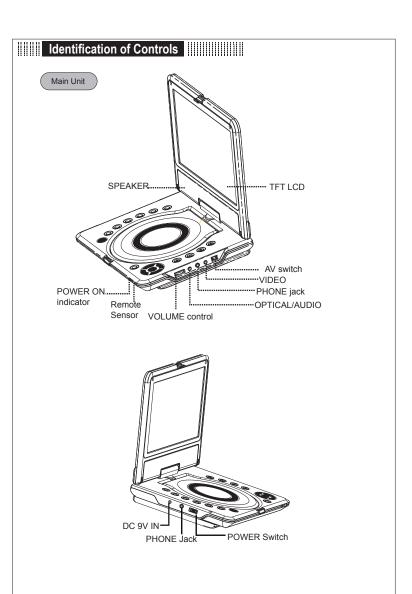
Heat or exhaust from a heating device.

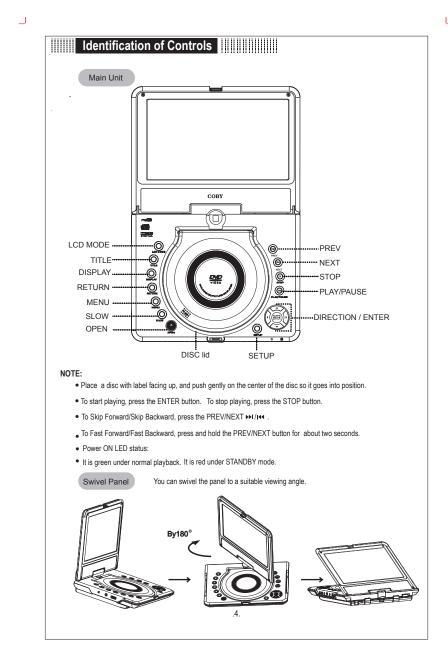
Video disc contains high-density compressed data that needs proper handling. Hold the disc with fingers. Hold the disc's outer edge and/or the center spindle hole. Do not touch the disc surface.

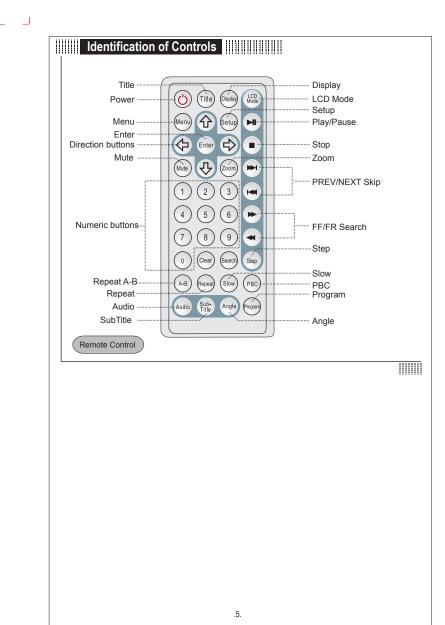


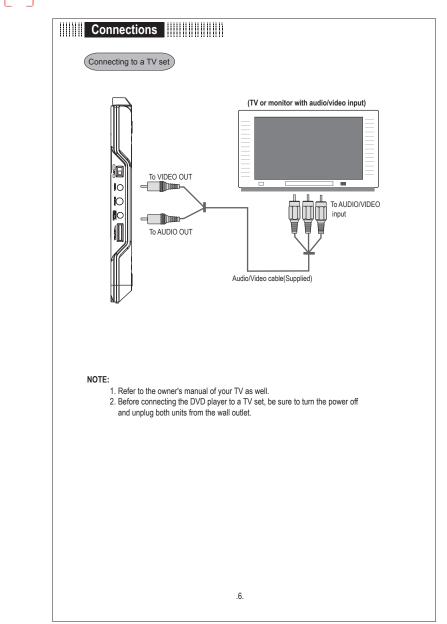
Do not bend or press the disc. Do not expose the disc to direct sunlight or heating sources.

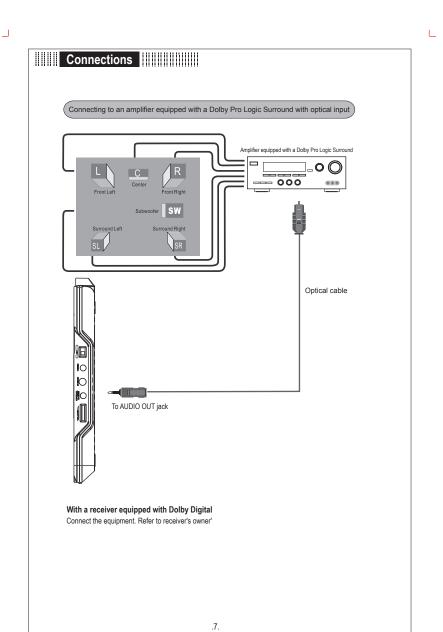
Clean the disc surface with a soft, dry cleaning cloth. Wipe the disc surface gently and radically from center toward the outer edge. Do not apply thinner, alcohol , chemical solvent, or sprays when cleaning. Such cleaning fluids will permanently damage the disc surface.

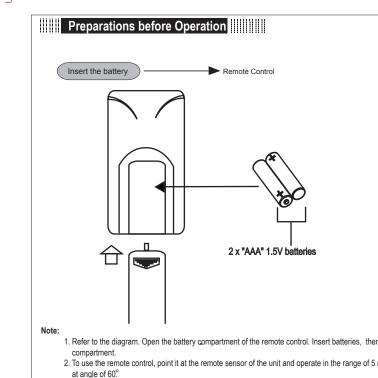


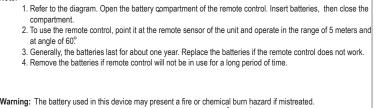


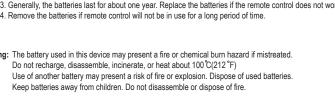


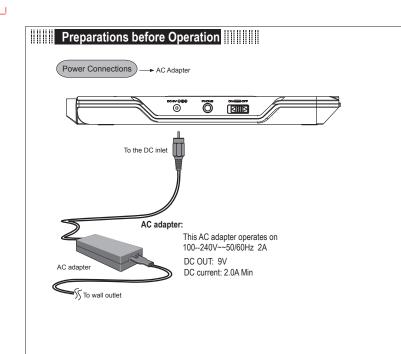






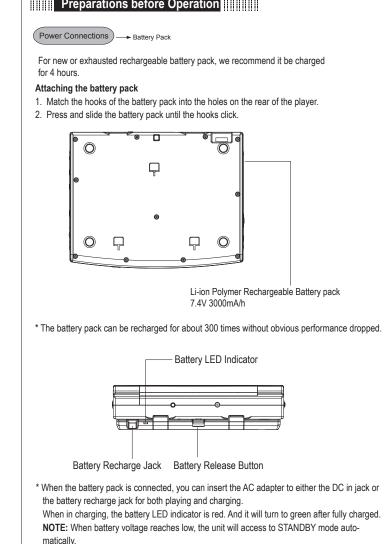


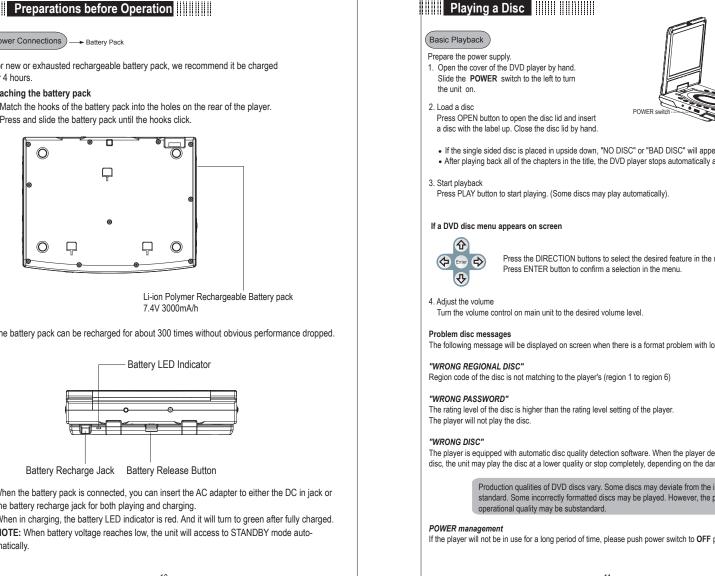


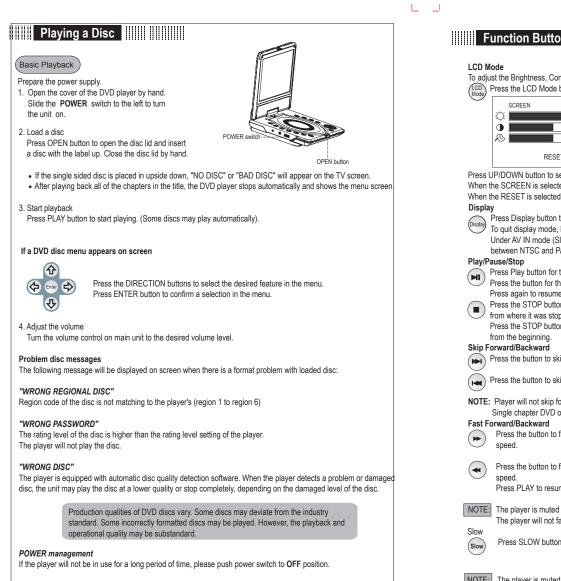


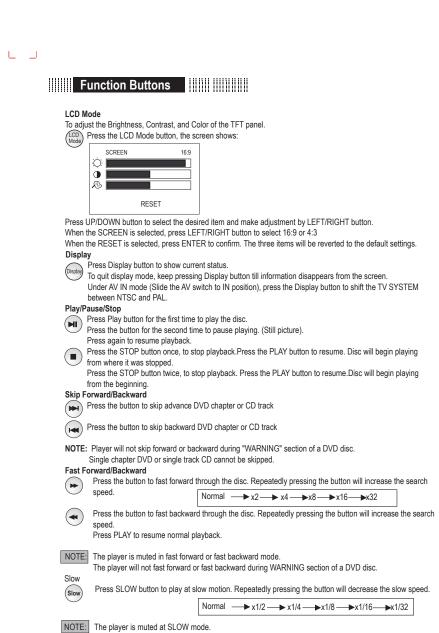
Do not connect the power plug to a power outlet other than that indicated on the label, as this can result in a risk of fire or electric shock.

Do not connect or disconnect the power plug with wet hands. Doing so may cause electric shock. Do not use an AC adapter other than one specified, as it can cause a fire or damage

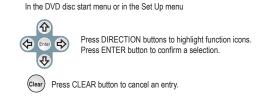












Press the RETURN button on main unit to return to the upper level menu. Numeric Key Pad 1). To directly access a DVD Chapter or a CD track, input the desired DVD Chapter or CD Track number using the numeric key pad. (5) (6) (2.) Input data for the DVD disc start menu or the player's setup menu.

NOTE: Some DVD discs do not allow direct access function.

(Mute) Press MUTE button to select mute on or mute off.

Zoom Press the ZOOM button repeatedly and the TV screen will display: $ZOOMx2 \rightarrow ZOOMx4 \rightarrow ZOOMx1$ PLAYING JPEG
Press the ZOOM button repeatedly and the TV screen will display: $25\% \rightarrow 50\% \xrightarrow{} 100\% \rightarrow 150\% \rightarrow 200\%$ While at 100%, press the direction button to rotate the picture.

NOTE: The picture quality decreases as the picture size increases. (Search) Go to a desired section. (A desired Title, chapter, Time or Track)

Pressing the Search button twice appears:

Current chapter Total title [⅃]

Press Right/Left button to select the desired item, and input desired Title, Chapter, Time or Track by the numeric Press Play button to execute the search, or press Search button for the third time to quit the Search menu. NOTE: Some DVD and MP3 discs do not allow the Search function during program playing.

To repeat playback a specific section of a disc. Press the A-B button at the starting point of the desired section. "Repeat A" appears on screen. Press the A-B button again at the end of the desired section. "Repeat A-B" appears on screen. The player will start repeating playback the selected section from A to B until the function is cancelled. To cancel the function, press the A-B button for the third time to return to normal playback.

NOTE: Some DVD discs do not allow the A-B function playback. This function does not apply to MP3 discs. This function allows repeated playback of a Title, Chapter or Track. Press REPEAT button repeatedly to select the repeat mode.

☐ DVD mode
☐ CHAPTER Repeat chapter
☐ TITLE Repeat title
☐ DISC Repeat all dir
☐ OFF Repeat or

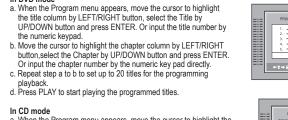
NOTE: Some DVD discs do not allow REPEAT function.

Press STEP when playing, it can step frame by frame.
Press PLAY button to quit the STEP mode.

While playing a DVD disc, press AUDIO button to select the language of the audio sound track. A DVD disc may contain up to 8 selectable audio sound tracks.

NOTE: Some DVD discs do not have multiple ANGLES, SUBTITLES or AUDIO features. Press the SETUP button to enter the player's setup menu. The SETUP menu allows the viewer to adjust the setting details of the DVD player. Please read the "SETUP menu" of the manual for further directions on how to use the SETUP menu. PROGRAM

To play a disc in a desired sequence. NOTE: The Program function is available just as the player is in Navigate Off mode. Press the PBC button to set Navigate Off. Program Press Program button to enter the program menu. In DVD mode



 When the Program menu appears, move the cursor to highlight the column by LEFT/RIGHT button, select the Track by UP/DOWN button and press ENTER. b. Repeat Step a to set up to 20 tracks for the programming playback. c. Press PLAY to start playing the programmed tracks.

Press Program again to guit the program menu.

NOTE: Some discs do not allow program setting.

 When the Program menu appears, Press the LEFT/RIGHT direction button to move to the folder column (left colume) and press UP/DOWN direction button to select desired foloder
c. Press LEFT/RIGHT direction button to move to track column (right colume) and press UP/DOWN direction button to select desired track.
e. Repeat Step above to select the tracks you wish to play. f. Press PLAY to start playing the programmed tracks. For your reference:
To cancel the incorrect input information, press the Clear button.
For MP3 mode, press right direction button to cancel unwanted selection.

Under program playing, press the Program to resume normal playback.

Setup Menu Various features of the DVD player can be adjusted 1. Press SETUP button, then the SETUP menu appears 2. Press the UP/DOWN button to highlight the desired Press ENTER button to confirm your selection. 4. Press SETUP button again to quit the SETUP menu. Make sure the player is in STOP mode before setting the

Press the Direction keys to highlight the desired LANGUAGE item. Instruction Default setting To select the language of the OSD To select the language of the Menu. To select the language of the audio sound track To select the language of the subtitle.

When OFF is selected, the subtitle will not be displayed. Screen Setup Press the Direction keys to highlight the desired SCREEN item. Instruction Default setting To select the TV screen size from: 4:3 PS (Pan Scan); 4:3 LB (Letter Box); 16:9 (Wide Screen) TV Type 16:9 Screen Saver To set Screen Saver function ON or OFF. TV System To select the TV system from: NTSC; PAL; AUTO Brightness To select the brightness from: Normal; Bright; Soft NORMAL Contrast To select the contrast level from:-4; -3; -2; -1; 0; 1; 2; 3; 4 • Certain DVD discs are formatted in wide screen (16:9) or letter box (4:3) only. Adjusting the setting of the disc player will not change the screen size for these "Format-only" discs.

• The TV system for North America is NTSC. Auto should only be used if you have a Multi-System TV.

Press the direction keys to highlight the desired Custom item. (Parental Ctrl, Password, Angle Mark, Default)

• There are eight levels of Parental Control. Level one opens discs to people of all ages. Level eight is suitable • To change the parental control setting, a 4-digit code is required to be input first. (The default code is 8888.) When the input code is confirmed, the level setting menu will appear. Select the appropriate level by the UP/DOWN button, and press ENTER to confirm.

Move the cursor to the PASSWORD prompt and press ENTER. Input the password 8888 if it is the first use. After confirmation, you will be required to input a new 4-digit code, and verify again.

• Please keep a copy of the new password in a safe place. Otherwise, you will not be able to change the Parental • Please remember your password, as the DEFAULT setting will revert everything BUT the PASSWORD to the

C). Angle Mark Choose between ON and OFF. When the Angle Mark function is ON, an icon will be displayed on screen if the disc has multiple angle shots available for viewing. Press ANGLE on the remote control to enjoy these scenes.

back to the original settings except the Password.

does not work

Should your DVD player develop a problem, please check below before requesting service:

Symptom	Check and Action
No power	Make sure the unit has been powered on manually. Check if the power cord has been properly connected to the power outlet. Make sure the battery pack is fully charged.
Does not play	1. No disc, load a disc. 2. Disc has been loaded upside down. Place the disc with the label side up. 3. Disc's rating level is higher than the player's setting. 4. Disc is incorrect type for the player. 5. Disc is damaged or dirty. Clean the disc or try another one. 6. Moisture may be condensed inside the player. Remove the disc and leave the unit power on for one or two hours.
No Picture	Check if the TV set has been powered on. Use TV remote to select AV signal for DVD rather than broadcast. Check if the system connection is proper and secure. Check if the connection cables are damaged. Clean the disc.
Picture noisy/ distorted	Disc is damaged or dirty. Clean the disc or try another one. Reset the color system of the TV set. Make sure the DVD player is not connected through a VCR, cable or satellite dish.
No sound or sound output not complete	Check if the TV and amplifier have been switched on and correctly set. Check if the TV and amplifier system connections are secured. Press AUDIO button to select other audio tracks of the disc. Check if the MUTE function of the TV or amplifier has been activated. There will be no sound output during REVERSE PLAY/PAUSE/SLOW and SEARCH.
Remote control	Make sure the POWER button on the unit has been turned on manually.

2. Remove the obstacles between the remote control and the player.

3. Point the remote control towards the remote sensor on the player.

5. Replace the batteries of the remote control.

4. Check if the batteries of the remote control have been loaded with correct

Should the player develop a malfunction, unplug the player for 30 minutes. After

that, power on the player and the restore function should reset the player.

Power supply	DC 9.0V 2A (AC adapter TERMINAL)
Power consumption	≤ 9.8W
Signal system	NTSC / PAL
Video output	1±0.2V (p-p), 75ohm, negative sync., 3.5 mm mini jack x1
Audio output	1.5 Vrms (1 KHz, 0dB), 3.5 mm mini jack x1
Earphone terminal	3.5mm stereo mini jack x2
Signal /Noise ratio(audio)	90dB typical
Dynamic range(audio)	90dB typical
Panel size	8.5 inch (16:9)
Resolution	1440 X 234 pixels
Laser	Wavelength 650 nm
Operating conditions	Temperature: 0 °c to 35 °c. Operation status: Horizontal
Dimensions	225 x170x28 mm (main unit)
Weight	826g (main unit)

Multi-Angle/Subtitle/Audio While at 150% or 200%, press the direction button to move the picture position.

Mhile playing a DVD disc, press ANGLE button to view different camera angles on the disc. A DVD disc may contain up to 9 selectable camera angles. While playing a DVD disc, press Sub-Title button to select the language of the viewable subtitle. A DVD disc may contain up to 32 selectable subtitles.

Press the Direction keys to highlight the desired Audio item. Instruction
To select the digital output from: Digital Out SPDIF/RAW SPDIF/PCM; SPDIF/RAW; OFF When Digital Out is NOT in use, it is recommended to turn OFF the digital output setting, for the purpose of minimizing the circuit interference.

This function allows you to change the player back to the factory default settings. All settings will be changed