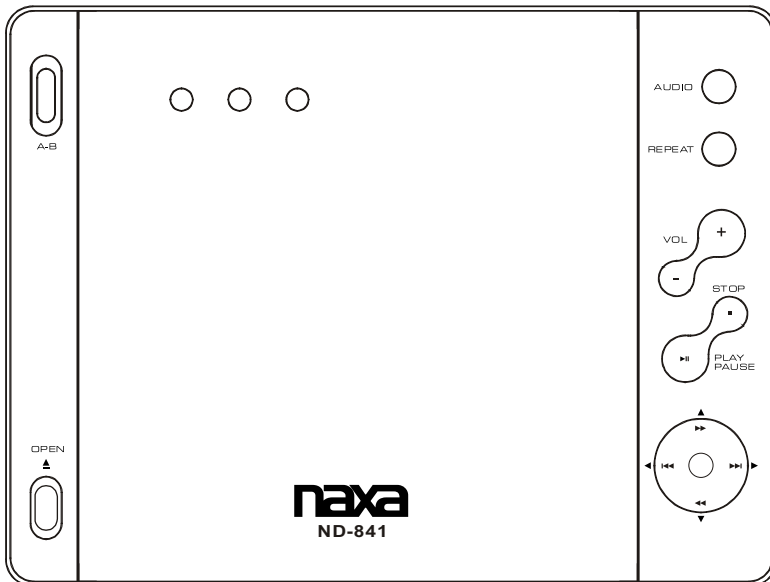




Owner's Manual




Portable DVD Player

PLEASE READ BEFORE OPERATING THIS EQUIPMENT

Model: ND-841


IMPORTANT SAFETY INSTRUCTIONS



CAUTION

RISK OF ELECTRIC SHOCK

DO NOT OPEN



CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER 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 the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.



DANGER:
Invisible and hazardous laser radiation when open and interlock failed or defeated. Avoid direct exposure to beam.

CAUTION:
THIS DIGITAL VIDEO DISC PLAYER EMPLOYS A LASER SYSTEM.
TO ENSURE PROPER USE OF THIS PRODUCT, PLEASE READ THIS OWNER'S MANUAL CAREFULLY AND RETAIN FOR FUTURE REFERENCE. SHOULD THE UNIT REQUIRE MAINTENANCE, CONTACT AN AUTHORIZED SERVICE LOCATION-SEE SERVICE PROCEDURE.
USE CONTROLS, ADJUSTMENTS OR THE PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.
TO PREVENT DIRECT EXPOSURE TO LASER BEAM, DO NOT TRY TO OPEN THE ENCLOSURE. VISIBLE LASER RADIATION MAY BE PRESENT WHEN THE ENCLOSURE IS OPENED. 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 to part 15 of the FCC Rules. 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 instructions, may cause harmful interference to radio communications.
However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC WARNING:
To assure continued compliance, follow the attached installation instructions and use only shielded cables when connecting to other devices. Modifications not authorized by the manufacturer may void user's authority to operate this device.

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

WARNING:
TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, AND ANNOYING INTERFERENCE, USE THE RECOMMENDED ACCESSORIES ONLY.

SURGE PROTECTORS:
It is recommended to use a surge protector for AC connection. Lightning and power surges ARE NOT covered under warranty for this product.

WARNING

USE UNDER SUPERVISION OF AN ADULT DUE TO LONG CORD

This unit has a long cord or other long cord that can easily be tripped on or pulled on, causing injury. Please make sure it is arranged so it will not drape over a tabletop, etc. where it can be pulled on by children or tripped over accidentally.

EXERCISE CAUTION AS UNIT HAS SHARP POINTS.

Manufactured under license from Dolby Laboratories.
Dolby and the double-D symbol are trademarks of Dolby Laboratories.

IMPORTANT SAFETY INSTRUCTIONS (CONTINUED)

IMPORTANT SAFETY INSTRUCTIONS

Before using the unit, be sure to read all operating instructions carefully. Please note that these are general precautions and may not pertain to your unit. For example, this unit may not have the capability to be connected to an outdoor antenna.

1) Read these instructions.

All the safety and operating instructions should be read before the product is operated.

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.

Do not use this product near water and moisture, for example: near a bathtub, washbowl, kitchen sink or laundry tub; in a wet basement; or near a swimming pool.

6) Clean only with dry cloth.

Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a dry cloth for cleaning.

7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.

Slots and openings in the cabinet and in the back or bottom are provided for ventilation, to ensure reliable operation of the product and to protect it from overheating. 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 never be placed near or over a radiator or heat source. 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 are 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.

11) Only use attachments/accessories specified by the manufacturer.

12) Use only with 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 tip-over.

PORTABLE CART WARNING
(symbol provided by RETAC)



An appliance and cart combination should be moved with care.

Quick stop, excessive force and uneven surfaces may cause the appliance and cart combination to overturn.

13) Unplug this apparatus during lightning storms or when unused for long periods of time.

To protect your product from a lightning storm, or when it is left unattended and 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 source

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 appliance dealer or local power company. For products intended to operate from battery power, or other source, refer to the operation instructions.

16) 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.

IMPORTANT SAFETY INSTRUCTIONS (CONTINUED)

17) Overloading

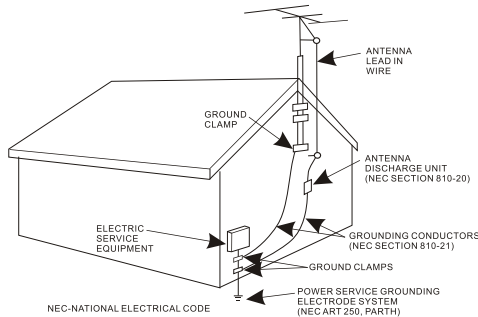
Do not overload wall outlets and extension cords as this can result in a risk of fire or electric shock.

18) Object and liquid entry

Never push objects of any kind into the product through openings as they may touch dangerous voltage points or short out parts that could result in fire or electric shock. Never spill or spray any type of liquid on the product.

19) Outdoor antenna grounding

If an outside antenna is connected to the product, be sure the antenna system is grounded so as to provide some protection against voltage surges and built up static charges. Section 810 of the National Electric Code ANSI/NFPA 70 provides information with respect to proper to grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge product, size of grounding conductors, location of antenna-discharge product, connection to grounding electrodes and requirements for the grounding electrodes.



EXAMPLE OF ANTENNA GROUNDING AS PER NATIONAL ELECTRICAL CODE

20) Service

Do not 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.

21) Replacement parts

When replacement parts are required, be sure the service technician uses replacement parts specified by the manufacturer or those that have the same characteristics as the original parts. Unauthorized substitutions may result in fire or electric shock or other hazards.

22) 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 operation condition.

23) Wall or ceiling mounting

The product should be mounted to a wall or ceiling only as recommended by the manufacturer.

24) Damage requiring service

Unplug this product from the wall outlet and refer service to qualified service personnel under the following conditions.

- When the power-supply cord or plug is damaged.
- If liquid has been spilled or objects have fallen into the product.
- If the product has been exposed to rain or water.
- If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions, as an adjustment of other controls may result in damage and will require extensive work by a qualified technician to restore the product to its normal operation.
- If the product has been dropped or the cabinet has been damaged.
- When the product exhibits a distinct change in performance—this indicates a need for service.

25) Note to CATV system installer

This reminder is provided to call the CATV system installer's attention to Article 820-40 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.

IMPORTANT SAFETY INSTRUCTIONS (CONTINUED)

NOTES ON HANDLING:

- When shipping the DVD player, always use the original shipping carton and packing materials. For maximum protection, repack the unit as it was originally packed at the factory.
- Do not use volatile liquids, such as insect spray, near the DVD player. Do not leave rubber or plastic products in contact with the DVD player for a long time. They will leave marks on the finish.
- The top and rear panels of the DVD player may become warm after a long period of use. This is normal and not a malfunction.
- When the DVD player is not in use, be sure to remove the disc and turn off the power.
- If you do not use the DVD player for a long period, the unit may not function properly in the future. Turn on and use the DVD player occasionally.

NOTES ON LOCATING THE DVD PLAYER:

- When you place this DVD player near a TV, radio or VCR, the playback picture may become poor and the sound may be distorted. In this case, move the DVD player away from the TV, radio or VCR.

NOTES ON CLEANING:

Use a soft, dry cloth for cleaning

- For stubborn dirt, soak the cloth in a weak detergent solution, wring well and wipe. Use a dry cloth to wipe it dry. Do not use any type of solvent, such as thinner and benzene, as they may damage the surface of the DVD player.
- If you use a chemical-saturated cloth to clean the unit, follow that product's instructions.

Warning: Cleaning and adjustment of lenses and /or other components of playback mechanism should be performed by a qualified service technician.

TO OBTAIN A CLEAR PICTURE:

The DVD player is a high technology, precision device. If the optical pick-up lens and disc drive parts are dirty or worn down, the picture quality becomes poor. To obtain a clear picture, we recommend regular inspection and maintenance (cleaning or parts replacement) every 1,000 hours of use depending on the operating environment. For details, contact your nearest dealer.

NOTES ON MOISTURE CONDENSATION:

Moisture condensation damages the DVD player. Please read the following carefully.

- Moisture condensation occurs, for example, when you pour a cold drink into a glass on a warm day. Drops of water form on the outside of the glass. In the same way, moisture may condense on the optical pick-up lens inside this unit, one of the most crucial internal parts of the DVD player.

Moisture condensation occurs during the following cases:

- When you bring the DVD player directly from a cold place to a warm place.
- When you use the DVD player in a room where you just turned on the heater, or a place where the cold wind from the air conditioner directly hits the unit.
- In summer, when you use the DVD player in a hot and humid place just after you moved the unit from an air conditioned room.
- When you use the DVD player in a humid place.

Do not use the DVD player when moisture condensation may occur.

- If you use the DVD player in such a situation, it may damage discs and internal parts. Remove the disc, connect the power cord of the DVD player to the wall outlet, turn on the DVD player and leave it ON for two or three hours. After two or three hours, the DVD player will have warmed up and evaporated any moisture. Keep the DVD player connected to the wall outlet and moisture condensation will seldom occur.

Please read the user manual carefully before connection or operation

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FEATURES

DVD - A completely new dimension in video entertainment

- Subtitles may be displayed in one of a maximum of 32 languages available (multi-subtitles DVD only).
- Audio soundtrack can be heard in up to 8 languages (multi-languages DVD only).
- Multi-angle function allows you to choose the viewing angles of scene (for DVD with multiple camera angles only).

Other convenient features

- A full function remote control provides quick access to DVD functions.

Compatible with PAL DVD and NTSC DVD

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

Compatible with CD besides DVD, CD-R

- This player could play various discs such as DVD, CD (8cm/12cm discs).

Placement

The internal parts may be seriously damaged if the unit is placed in areas of:

- Direct sunlight or heating radiators or closed automobiles;
- High temperature (over 35°C) or high humidity (over 90%)
- Excessive dust;
- Strong magnetic or static electricity;
- Vibration, impact or where the surface is tilted.

Non-use Periods

- Turn off the power when the unit is not used.
- Disconnect the AC/DC Adaptor from the wall outlet when the unit is idle for a long period of time.

No fingers or other objects inside

- Touching internal parts of this unit is dangerous, and may cause serious damage to the unit and even human injury.
- Do not try to disassemble this unit.
- Do not put any other object on the disc tray.

Keep away from water and magnets

- Keep the unit away from flower vases, tubs, sinks, etc. If liquids are spilled into the unit, serious damage may occur.
- Never place magnetic objects such as speakers near the unit.

Stacking

- Place the unit in a horizontal position and do not place anything heavy on it.
- Do not put the unit on amplifiers or other equipment.

Condensation

Moisture may form on the lens under the following conditions:

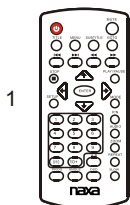
- In a steamy or very humid room.
- Immediately after a heater is turned on.
- If moisture forms inside this unit, it may not operate properly. In this case, turn on the power and wait for about 1 hour to evaporate it.

Interference for the TV broadcast

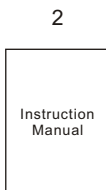
- Depending on the reception condition of the TV, interference may appear on the TV screen while you are watching a TV broadcast and the unit is turned on. This is not a malfunction of the unit of the TV. Just ensure that the unit is turned off when you watch a TV broadcast.

ACCESSORIES

(Please check whether all the following accessories are available after unpacking.)



1 Remote control



Instruction Manual



Video/Audio cord



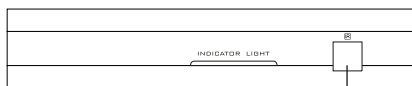
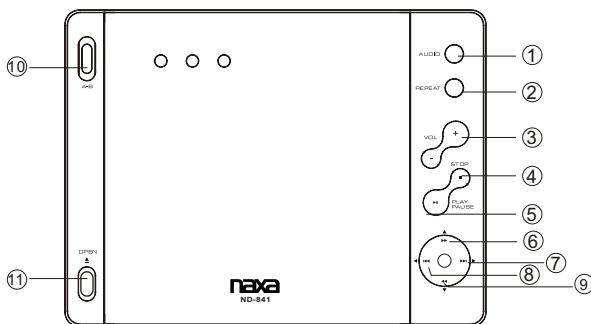
Adaptor



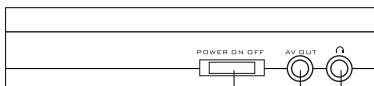
Car Adaptor

PANEL

1. AUDIO button
2. REPEAT button
3. VOLUME-/+ button
4. STOP button
5. PLAY/PAUSE button
6. FAST forward button
7. NEXT button
8. PREV button
9. FAST backward button
10. A-B button
11. OPEN button



1

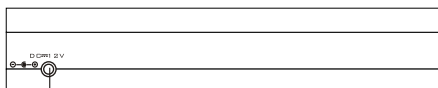


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3

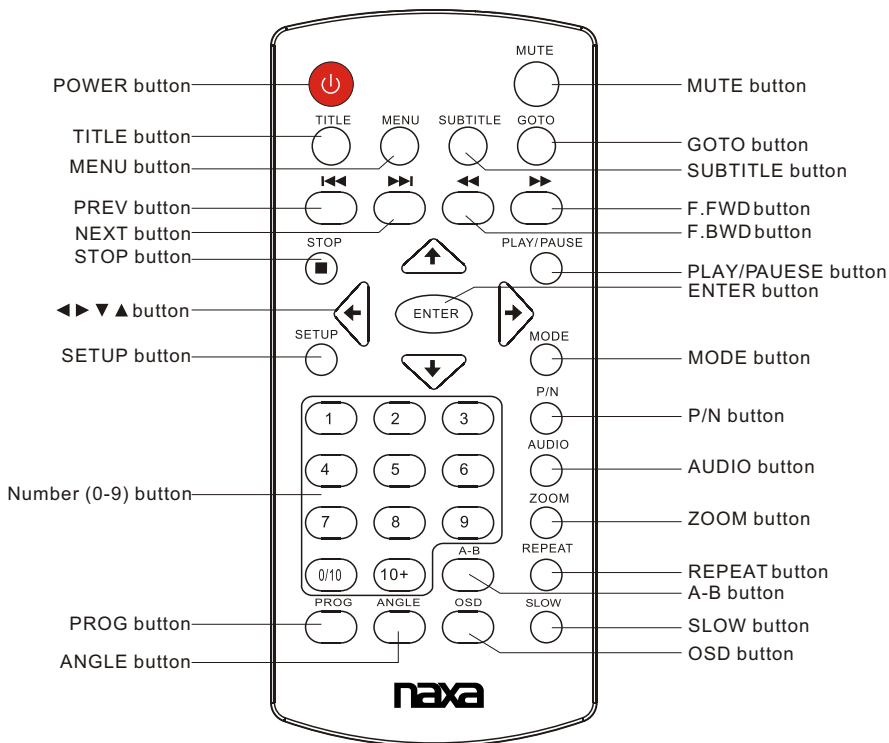
2

1. Remote sensor
2. HEADPHONE
3. AV out outputjack
4. Power on off output jack
5. DC IN jack



5

REMOTE CONTROL



Note:

The same buttons on remote control and front panel have identical functions.

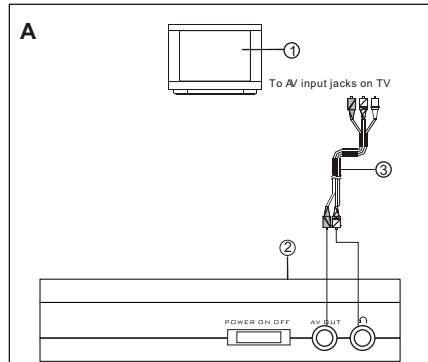
BASIC CONNECTION

- Ensure that the power switch of this unit and other equipment to be connected is turned off before making connection.
- Read the instructions before connecting other equipment.
- Ensure that you observe the colour-coding when connecting audio and video cords.

A: Connecting to a stereo TV set

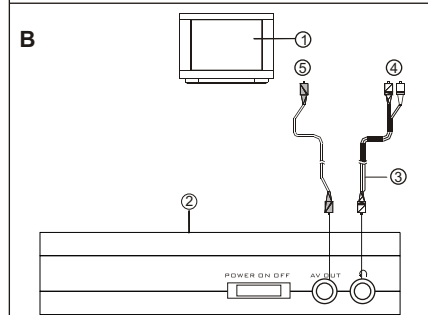
1. TV set (optional)
2. DVD/CD player
3. AV connection cable (included)

For the best picture quality, recommend connect the TV via S-Video jack if the TV have (S-Video connection cable not included).



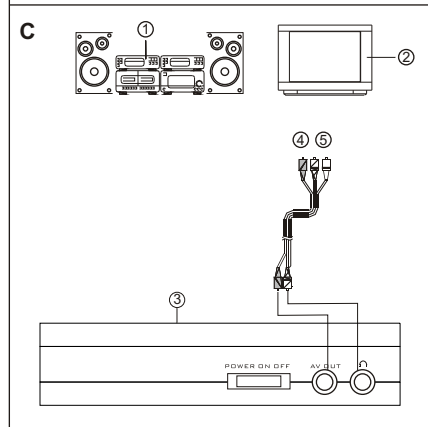
B: Connection to monophonic TV

1. TV set (optional)
2. DVD/CD player
3. AV connection cable (included)
4. Connect the Audio Right jack (Red) to the Audio In jack on the TV only.
5. Connected to the Video input jack on TV



C: Connection to audio equipment

1. Audioplayer (optional)
2. TV set (optional)
3. DVD/CD players
4. Connect the the Video jack (Yellow) to the Video input jack on the TV.
5. Connect the Audio jacks (Red & White) to the Audio input jacks on the Audio Player.



REMOTE CONTROL PREPARATION

Battery Installation

Insert the batteries while observing the positive (+) and Negative (-) polarities as Figure A.

Service life of batteries

The batteries normally last for a year although this depends on the operation and on how often the remote control is used.

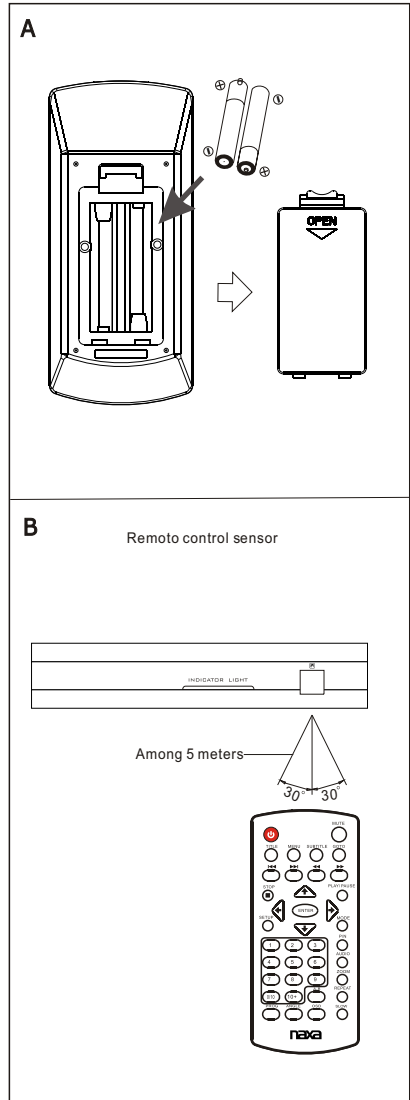
If the remote control unit fails to work even when it is operated near the player, replace the batteries with new ones. Use size AAAUM-4 batteries (2 pieces).

Notes:

- Do not use rechargeable (Ni-Cd) batteries.
- Install batteries correctly observing the (+/-) polarity signs.
- Do not drop, step on the remote control, otherwise it may damage the parts or lead to malfunctioning.
- Use only the recommended battery type or equivalent (voltage and size).
- Always replace a complete set of batteries at the same time.
- Do not mix batteries of different types.
- Never mix new and used batteries in the same compartment.
- Remove exhausted batteries immediately.
- Remove batteries when product is not in use.
- Do not dispose of batteries in fire as they may explode.
- Do not recharge non-rechargeable batteries.
- Do not short circuit the supply terminals.
- Ensure batteries are stored away from metal objects as contact may cause a short circuit.
- Remote control operation range is no more than 5 m from and within about 60 degree wide in front of the unit (Figure B).

Notes:

- Do not point bright lights to the remote control sensor.
 - Do not place objects between the remote control and the remote control sensor.
- Do not use this remote control together with the remote control of any other equipment.



OPERATION

PREPARATION BEFORE PLAYING DISC

- The option of display language catalogue is preset to English. Please refer to Setup operation
- Most functions are operated by remote control. Either operation of remote control of front panel is effective when their buttons indicate the same function.

Preparation


- Turn the TV on and select AV as the TV input.
- Switch on the related system power if the player has been connected to amplifier equipment etc.

◆ PLAY/PAUSE

1. Connect AC power cord to AC outlet.
2. Switch on the power, the displayed LOADING indicates the normal power supply. (Note: the disc information appears after several seconds if there has been a disc after LOADING displayed otherwise appears NO DISC).
3. Press OPEN/CLOSE.
4. Place a disc (8cm or 12cm) onto the tray. (For one-sided disc, position it with printed title side facing up. For two-sided disc, position side to be playback facing down).
5. Press OPEN/CLOSE again to close disc tray.
6. Press PLAY to playback disc. You may operate according to MENU indication after MENU shows on screen then press ENTER button to play back. Some discs may play automatically after loaded.

◆ **PAUSE:** Press the PLAY/PAUSE  button while in the Play mode to pause the picture. To resume normal playback, press the PLAY/PAUSE  button.

◆ STOP

Press STOP button to stop playing (TV show ""). When playback is stopped the unit records the point where STOP was pressed (resume function). Press PLAY again, and play will resume from this point. Press STOP button twice, resume function will be cancelled.





◆ PREV/NEXT


Press PREV button or NEXT button on remote control when playing a disc, a chapter (DVD) or a track (CD) is skipped backward or forward correspondingly each time the button is pressed.

◆ FB/FF

Press FB/FF button on the remote control during playback, the disc will be played in a status of forward or reverse correspondingly. Forward or Reverse speed is relatively slow at first. When press again, the speed becomes faster. The more times that you press the buttons, the faster the Fast forward or reverse speed will be. There are 5 levels of speed available: X2, X4, X8, X16 and X32. To return to normal play, press PLAY button on the player or the remote control.

Note: Some discs including MP3 disc have no such function.

◆ **ZOOM:** Press the SLOW/ZOOM button once during Normal or Still playback modes, and the unit will zoom x2. Press once more and the unit will zoom x4. Use the Navigation (, , , ) buttons to move the image on the TV screen. Press the SLOW/ZOOM button once more to cancel the zoom function. This is not available on all discs.

◆ **SLOW FORWARD:** Press and hold the SLOW/ZOOM button to activate Slow motion. Repeatedly press and hold to move the DVD forward in slow motion speeds of 1/2, 1/4, 1/8, 1/16, 1/32 and resume normal playback. The sound will be muted. Press the PLAY/PAUSE  button to resume normal playback.

◆ Number (0-9, 10+) button

By pressing the Number (0-9) button, you can access directly to the desired track or chapters while a disc is played. For track or chapter over 10, press 10+ and then 0-9 button.

OPERATION

◆ MUTE

Press MUTE button during play, the player shows  and there is no audio output (silence), press again to cancel MUTE.

◆ OSD

Press OSD button during play to show the disc's relevant information on TV screen (such as playing time, chapter number, playback status).

◆ A-B REPEAT

Press A-B button during playback at the point where repeat play is to commence (a) then press again at the point where repeat play is to be concluded (B). Repeat playback between point (A) and point (b) starts. Press A-B button once more where TV screen appears REP OFF to return to normal play.

◆ REPEAT

Press the repeat key to choose repeat play chapter or title (DVD) and play single audio or full disc (VCD, CD, MP3).

Note: Some VCD do not have repeat function with PBC ON state.

◆ ANGLE



Press ANGLE continuously during playback DVD disc to toggle the disc between available angles recorded on the disc if the disc has multi-angle function.

◆ AUDIO

Press AUDIO button during playback to toggle between available audio language recorded on the disc if the disc has this multi-language.

Note: Press AUDIO button could toggle available audio language soundtracks.

◆ PROGRAM

Press PROG button, the program playback screen appears on the TV monitor, 20 tracks or chapters can be programmed. Use  button on the remote control to select your preferred track (CD/VCD) or title and chapter (DVD), then press ENTER button to confirm. Use CLEAR button to amend false or unsatisfied settings. You can only press the PLAY button on the remote control to start playing after you finish the program setting. Press the PROG button directly to return to normal play mode. In this case, the program is not confirmed. " : SELECT ► : PLAY" shown on screen is only used for indication, no function for cursor.

◆ SETUP:

For the details, please refer to the introduction of menu setup.

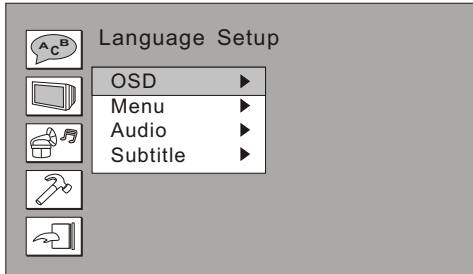
SETUP

◆ SETUP

Once the initial settings have been completed, the player can always be operated under the same conditions (especially with DVD discs). The settings will be retained in the memory until the settings are changed.

Operation

1. In stop mode, Press the SETUP button to enter setup menu as follows, you can setup Language, Screen, Custom.



2. Press ◀ and ▶ to choose the desired section you want to set and press the ENTER button to enter submenu or press SETUP button to leave the setup screen. Follows are the language setup screen for your reference where you can set OSD menu, DVD menu, Audio Language and Subtitle Language.



REFERENCE

◆ Menu, Submenu and Options

MENU	SUBMENU	OPTIONS	DESCRIPTION
LANGUAGE	OSD	English	English On Screen Display
		French	French On Screen Display
		German	German On Screen Display
		Spanish	Spanish On Screen Display
	MENU	English	English On Screen Display
		French	French On Screen Display
		German	German On Screen Display
		Spanish	Spanish On Screen Display
		others	
	Audio	English	English On Screen Display
		French	French On Screen Display
		German	German On Screen Display
		Spanish	Spanish On Screen Display
		others	
	Subtitle	English	English On Screen Display
		French	French On Screen Display
		German	German On Screen Display
		Spanish	Spanish On Screen Display
		others	
	Encoding	Off	
Western European			
	Central European		

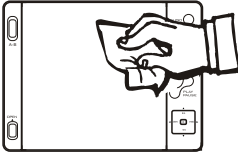
REFERENCE

MENU	SUBMENU	OPTIONS	DESCRIPTION
SCREEN	TV Type	4:3 PS	Set TV screen at 4:3 Pan Scan
		4:3 LB	Set TV screen at 4:3 Letter Box
		16:9	Set TV screen at 16:9
	Screen Saver	On	Set screen saver to ON or OFF.
		Off	
	TV System	NTSC	Output signal at NTSC format, select it when you are using a NTSC TV. (Note: the TV system in USA, Canada and Mexico is NTSC)
		PAL	Output signal at PAL format, select it if you are using a PAL TV.
		AUTO	Output the original recording signals on the disc. Select it if you are using a Multi-system TV.
	Video output	CVBS	CVBS output
	Brightness	Normal	Set to normal, bright, or soft as desire.
		Bright	
		Soft	
	Contrast	-3	Set the contrast level as desire
-2			
-1			
0			
+1			
+2			
+3			
Audio Setup	Down mix	Lo/Ro	Left only/Right only
		Lt/Rt	Left total/Right total
CUSTOM	Style	Style 1	Change the background colour of OSD
		Style 2	
		Style 3	
		Style 4	
	Angle Mark	On	Set the Angle mark to ON or OFF
		Off	
	Default	Read	Return to factory setup

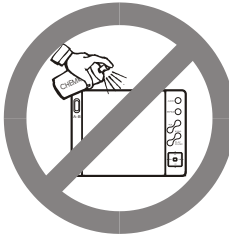
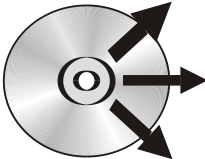
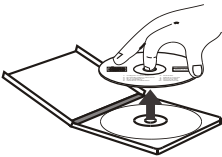
TROUBLESHOOTING GUIDE

CARE AND MAINTENANCE

GENERAL



- Use a soft, clean cloth moistened with plain, luke-warm water to clean the exterior of the unit.



- Never use solvents such as benzene or other strong chemical cleaners since these could damage the unit's finish.



- It is important that no liquid reaches the inside of the unit.

- Remove the disc from the case by holding it at the edges while pressing the center hole lightly.
- Do not touch the shiny surface of the disc or bend the disc.
- Place the disc into the tray with the label facing up.
- A dirty disc may not play correctly. If a disc becomes dirty, wipe it with a soft cloth in a straight line from center to edge.
- Avoid exposure to direct sun light, temperature extremes, and moisture.
- **CAUTION:** Do not use any solvent (eg: record sprays, thinner, benzene, etc.) to clean a disc.

TROUBLESHOOTING GUIDE

PROBLEM	POSSIBLE CAUSE	SOLUTION
Disc is inserted but tracks are not displayed.	Disc is inserted upside-down.	Insert disc correctly (label up).
	Disc is dirty.	Wipe clean with soft cloth.
	Disc is scratched.	Use a new disc.
	Disc is seriously warped.	Use a new disc
	Moisture has formed inside the Disc deck.	Take out the disc and leave the DVD player open for about an hour to dry it
Certain sections of the disc are not played normally.	Disc is dirty.	Wipe clean with soft Cloth.
	Disc is scratched.	Skip over scratched sections; otherwise, replace the disc.
Forget password	If you forget the password	If you forget the password, please use 9922 to preset a new password as page 14.

Special Note

When placing your unit on a lacquered or natural finish, protect your furniture with a cloth or other protective material.

ABOUT DISCS

The region number for this DVD Player is:
See the following page for information regarding region numbers.



PLAYABLE DISCS:

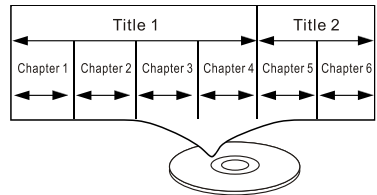
The following discs can be played back on this DVD player:



DISC TYPES:

DVD

Data on most DVDs is divided into sections called titles and then into subsections called chapters, each of which is given a title or chapter number. Some features of this DVD player will not operate with some DVD discs as they are preset. If a function you selected does not run as desired, refer to the manual accompanying the DVD disc.

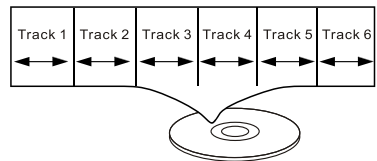


AUDIO CD

Data on an audio CD is divided into sections called tracks, each of which is given a track number.

JPEG

Data on a JPEG CD is usually not divided into separate folders, they should appear in the root directory.



IMPORTANT:

It is important that you read the manual that accompanies the DVD disc, as there are features that are on the DVD player that cannot be used with certain DVDs.

There are also extra features on the DVD disc that are different for each DVD disc, so they are not explained in this owner's manual.

This player conforms to the NTSC and PAL color systems. However, if you are in the USA, Canada or Mexico, leave this setting on NTSC. If incorrectly set to PAL, the TV picture may roll vertically. In this case, Set the TV system to NTSC as page 14.

Notes on Copyright:

It is forbidden by law to copy, broadcast, show, broadcast on cable, play in public and rent copyrighted material without permission. DVD video discs are copy protected, and any recordings made from these discs will be distorted. 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.

Region Management Information:

This DVD Player is designed and manufactured to respond to the Region Management Information that is recorded on a DVD disc. If the Region number described on the DVD disc does not correspond to the Region number of this DVD player, this DVD player cannot play that disc. You may not be able to play back some DVD video discs on this player if they were purchased from outside your geographic area or made for business purposes. When you try to play back an unauthorized disc, Wrong Region appears on the TV screen.

REFERENCE

SPECIFICATIONS

Power Source:	DC = 12V
Color system:	NTSC/PAL
Dimension:	6.0X4.9X1.1inch
Weight:	91/4 oz

Disc played:

1. DVD-video disc

- 12cm single-sided, single-layer
- 12cm single-sided, double-layer
- 12cm double-sided, double-layer
- 8cm single-sided, single-layer
- 8cm single-sided, double-layer
- 8cm double-sided, double-layer

2. CD disc

- 12cm disc
- 8cm disc

Video output

- Output level: 1 + 0.2V p-p (75 ohm)
- Horizontal resolution: >500 lines
- S/N ratio: >60dB

Audio output (Impedance: 10k ohm):

- Output level: $1.2 \pm 0.2 / -0.8$ Vrms (1KHz 0dB)
- Harmonic distortion: <0.01% (JIS-A 1KHz, typical)
- Dynamic range: >80 dB (JIS-A 1KHz, typical)
- S/N ratio: 95dB (JIS-A 1KHz, typical)

Weight and dimensions are approximate. Specifications are subject to change with or without notice.

Accessories

1. Remote controller ×1
2. Audio/Video connection cable ×1
3. User's manual ×1
4. Car cord ×1
5. AC/DC Adaptor ×1

(Input: AC~100-240V, 50/60Hz, 350mA; output: DC = 12V, 1A)

(check whether be fully equipped after open the box)